Pinacho

JAP

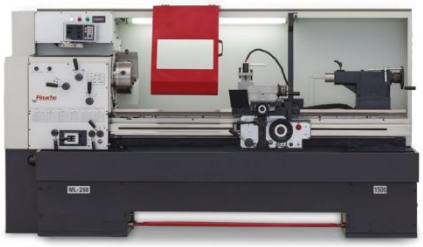
PRICE LIST 2020

METOSA GROUP

World reference
in the manufacture
of quality lathes.

Pinacho

ML



New range of manual lathes with variable speed headstock.

> ML 200
> ML 250
> ML 325

SE

User-friendly and intuitive CNC lathes.

> SE 200
> SE 250
> SE 325

ST

CNC lathes with a high-precision flatbed.

> ST 180
> ST 225
> ST 285
> ST 310

SH

Large capacity CNC lathes with up to 4 controlled axes.

> SH 400
> SH 500

Pinacho

www.pinachocnc.com

ML

MODELS ML 200 > ML 250 > ML 325

New range of manual lathes with variable speed head.

The new range of ML lathes, equipped with an electronic speed variator, allows the necessary cutting speed to be selected at all times, achieving better surface finishes, optimising tool consumption and improving machining performance.

The new ML models stand out for their precision and useful life, being versatile machines for both maintenance and production work.

STANDARD EQUIPMENT

- Headstock with variable speed 3 ranges
- Reducing bush of main shaft and fixed point
- Dead center for tailstock
- 4-position toolpost
- Stop brake
- Micro switch chuck protection
- Emergency stop button
- Manual central lubrication
- Refrigeration equipment
- Rear and chuck anti-projection guard
- Sliding front guard
- Rigid protection of the standard spindle
- Cast iron pedestals
- Levelling washers
- Anti-vibration set
- Working light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

OPTIONAL EXTRAS

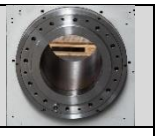
- Chucks with 3 and 4 jaws
- Rear chuck
- Fixed Steady Rest
- Large capacity fixed steady rest
- Follow Rest
- Quick-change toolpost
- Multifix quick-change toolpost
- Digital Read Out
- Live center
- Cone Copier
- Stopper
- Micrometer carriage stop
- Electric transformer
- Rapid movements

ML LATHE MODELS		
PR00002	CONVENTIONAL LATHE PINACHO ML 200 x 750 - S1	13.127 €
PR00001	CONVENTIONAL LATHE PINACHO ML 200 x 1000 - S1	13.757 €
PR00003	CONVENTIONAL LATHE PINACHO ML 250 x 1000 - S1	15.524 €
PR00004	CONVENTIONAL LATHE PINACHO ML 250 x 1500 - S1	16.440 €
PR00005	CONVENTIONAL LATHE PINACHO ML 325 x 1000 - S1	19.208 €
PR00006	CONVENTIONAL LATHE PINACHO ML 325 x 1500 - S1	20.008 €
PR00007	CONVENTIONAL LATHE PINACHO ML 325 x 2000 - S1	20.960 €
PR00008	CONVENTIONAL LATHE PINACHO ML 325 x 3000 - S1	23.521 €

OPTIONAL EXTRAS

MACHINE EXECUTION MM OR INCHES		
AC00978	ML MACHINE OPTION EXECUTION IN MM	0 €
AC00977	ML MACHINE OPTION EXECUTION IN INCHES	0 €

MAIN SPINDLE		
AC00954	ASA OPTION. 42 mm ASA A2-5 FOR ML200/SE200/SMS200	0 €
AC00961	INCREASE 42 mm ASA A2-5 TO CAMLOCK D1-5 FOR ML200/SE200/SMS200	376 €
AC00955	ASA OPTION. 58 mm ASA A2-6 FOR ML250/SE250/SMS250	0 €
AC00972	INCREASE 58 mm ASA A2-6 TO CAMLOCK D1-6 FOR ML250/SE250/SMS250	401 €
AC00957	ASA OPTION. 80 mm ASA A2-8 FOR ML325/SE325/SMS325	0 €
AC00975	INCREASE 80 mm ASA A2-8 TO CAMLOCK D1-8 FOR ML325/SE325/SMS325	558 €

LARGER SPLINDLE BORE OPTION FOR MODELS ML - 250 / 325		
AC00933	INCREASE 105 mm A8 SPINDLE BORE - ML 250 & ML 325	3.300 €
AC00934	INCREASE 155 mm A11 SPINDLE BORE - ML 325	4.300 €
AC00430	INCREASE 105 mm CAMLOCK D1-8 SPINDLE BORE – ML 250 & ML 325	3.938 €

REAR CHUCK FLANGE (REQUIRED TO ASSEMBLE REAR CHUCK) *		
AC01042	REAR CHUCK FLANGE FOR ML 250 & ML 325 105 BORE *	333 €
AC01043	REAR CHUCK FLANGE FOR ML 325 155 BORE *	550 €

TOOLPOST AND TURRETS		
REAR TOOLPOST		
AC00244	REAR TOOLPOST MODEL ML 200	127 €
AC00245	REAR TOOLPOST MODEL ML 250	176 €
AC00246	REAR TOOLPOST MODEL ML 325	212 €
STANDARD 4 STATION TOOL POST		
AC01342	TOOL POST ML 200	0 €
AC01343	TOOL POST ML 250	0 €
AC01344	TOOL POST ML 325	0 €
QUICK CHANGE TOOL POST		
AC00800	QUICK CHANGE TOOL POST HP-150 WITH 5 TOOL HOLDER ML 200	315 €
AC00801	QUICK CHANGE TOOL POST HP-210 WITH 5 TOOL HOLDER ML 250	434 €
AC00802	QUICK CHANGE TOOL POST HP-210 WITH 5 TOOL HOLDER ML 325	434 €
MH TOOL POST		
AC00431	MH-90 QUICK CHANGE TOOLPOST FOR ML 200 WITH 4 TOOL HOLDERS	746 €
AC00432	MH-115 QUICK CHANGE TOOLPOST FOR ML 250 WITH 4 TOOL HOLDERS	915 €
AC00433	MH-130 QUICK CHANGE TOOLPOST FOR ML 325 WITH 4 TOOL HOLDERS	1.010 €
MULTIFIX QUICK CHANGE TOOLPOST		
AC00434	MULTIFIX E QUICK CHANGE TOOLPOST FOR ML 200 WITH 4 TOOL HOLDERS 12.05.00579	800 €
AC00435	MULTIFIX B QUICK CHANGE TOOLPOST FOR ML 250 WITH 4 TOOL HOLDERS 12.05.00115	978 €
AC00436	MULTIFIX C QUICK CHANGE TOOLPOST FOR ML 325 WITH 4 TOOL HOLDERS 12.05.00118	1.511 €
ACCESORIES FOR HP-150 TURRET		
AC01016	TURNING TOOL HOLDER FOR HP-150	45 €
AC00249	BORING TOOL HOLDER FOR HP-150	53 €
AC01018	DRILLING TOOL HOLDER WITH MT SOCKET MT1 FOR HP-150	95 €
AC01019	DRILLING TOOL HOLDER WITH MT SOCKET MT2 FOR HP-150	95 €
ACCESORIES FOR HP-210 TURRET		
AC00248	TURNING TOOL HOLDER FOR HP-210	57 €
AC01017	BORING TOOL HOLDER FOR HP-210	67 €
AC01020	DRILLING TOOL HOLDER WITH MT SOCKET MT2 FOR HP-210	110 €
AC01021	DRILLING TOOL HOLDER WITH MT SOCKET MT3 FOR HP-210	110 €

DIGITAL READOUT (DRO)		
DIGITAL READOUT FAGOR 2 AXIS 20i-T		
AC00753	D.R.O. FAGOR 2 AXIS 20iT FOR ML18 200 X 750 mm	1.805 €
AC00722	D.R.O. FAGOR 2 AXIS 20iT FOR ML18 200 X 1000 mm	2.172 €
AC00723	D.R.O. FAGOR 2 AXIS 20iT FOR ML18 250 X 1000 mm	2.172 €
AC00725	D.R.O. FAGOR 2 AXIS 20iT FOR ML18 250 X 1500 mm	2.473 €

AC00724	D.R.O. FAGOR 2 AXIS 20iT FOR ML18 325 X 1000 mm	2.172 €
AC00726	D.R.O. FAGOR 2 AXIS 20iT FOR ML18 325 X 1500 mm	2.473 €
AC00727	D.R.O. FAGOR 2 AXIS 20iT FOR ML18 325 X 2000 mm	2.924 €
AC00728	D.R.O. FAGOR 2 AXIS 20iT FOR ML18 325 X 3000 mm	4.345 €
DIGITAL READOUT FAGOR 3 AXIS 30i-T		
AC00739	D.R.O. FAGOR 3 AXIS 30iT FOR ML18 200 X 750 mm	2.206 €
AC00729	D.R.O. FAGOR 3 AXIS 30iT FOR ML18 200 X 1000 mm	2.910 €
AC00730	D.R.O. FAGOR 3 AXIS 30iT FOR ML18 250 X 1000 mm	2.910 €
AC00731	D.R.O. FAGOR 3 AXIS 30iT FOR ML18 250 X 1500 mm	3.126 €
AC00738	D.R.O. FAGOR 3 AXIS 30iT FOR ML18 325 X 1000 mm	2.910 €
AC00732	D.R.O. FAGOR 3 AXIS 30iT FOR ML18 325 X 1500 mm	3.126 €
AC00733	D.R.O. FAGOR 3 AXIS 30iT FOR ML18 325 X 2000 mm	4.079 €
AC00734	D.R.O. FAGOR 3 AXIS 30iT FOR ML18 325 X 3000 mm	5.751 €
DIGITAL READOUT FAGOR 2 AXIS WITH CCS 40i-T		
AC00740	D.R.O. FAGOR 2 AXIS 40iT + C.C. FOR ML18 200 X 750 mm	2.900 €
AC00741	D.R.O. FAGOR 2 AXIS 40iT + C.C. FOR ML18 200 X 1000 mm	3.157 €
AC00742	D.R.O. FAGOR 2 AXIS 40iT + C.C. FOR ML18 250 X 1000 mm	3.192 €
AC00743	D.R.O. FAGOR 2 AXIS 40iT + C.C. FOR ML18 250 X 1500 mm	3.528 €
AC00744	D.R.O. FAGOR 2 AXIS 40iT + C.C. FOR ML18 325 X 1000 mm	3.284 €
AC00745	D.R.O. FAGOR 2 AXIS 40iT + C.C. FOR ML18 325 X 1500 mm	3.537 €
AC00746	D.R.O. FAGOR 2 AXIS 40iT + C.C. FOR ML18 325 X 2000 mm	3.860 €
AC00747	D.R.O. FAGOR 2 AXIS 40iT + C.C. FOR ML18 325 X 3000 mm	4.301 €
DIGITAL READOUT FAGOR 3 AXIS WITH CCS 40i-T		
AC00748	D.R.O. FAGOR 3 AXIS 40iT + C.C. FOR ML18 200 X 750 mm	3.190 €
AC00749	D.R.O. FAGOR 3 AXIS 40iT + C.C. FOR ML18 200 X 1000 mm	3.473 €
AC00737	D.R.O. FAGOR 3 AXIS 40iT + C.C. FOR ML18 250 X 1000 mm	3.511 €
AC00735	D.R.O. FAGOR 3 AXIS 40iT + C.C. FOR ML18 250 X 1500 mm	3.881 €
AC00736	D.R.O. FAGOR 3 AXIS 40iT + C.C. FOR ML18 325 X 1000 mm	3.613 €
AC00750	D.R.O. FAGOR 3 AXIS 40iT + C.C. FOR ML18 325 X 1500 mm	3.891 €
AC00751	D.R.O. FAGOR 3 AXIS 40iT + C.C. FOR ML18 325 X 2000 mm	4.246 €
AC00752	D.R.O. FAGOR 3 AXIS 40iT + C.C. FOR ML18 325 X 3000 mm	4.732 €
DIGITAL READOUT HEIDENHAIN 2 AXIS		
AC00706	D.R.O. HEINDEN. 2 AXIS MODELS ML18 200 X 750 mm BETWEEN CENTRES	1.921 €
AC00707	D.R.O. HEINDEN. 2 AXIS MODELS ML18 200 X 1000 mm BETWEEN CENTRE	2.311 €
AC00708	D.R.O. HEINDEN. 2 AXIS MODELS ML18 250 X 1000 mm BETWEEN CENTRE	2.311 €
AC00709	D.R.O. HEINDEN. 2 AXIS MODELS ML18 250 X 1500 mm BETWEEN CENTRE	2.631 €
AC00710	D.R.O. HEINDEN. 2 AXIS MODELS ML18 325 X 1000 mm BETWEEN CENTRE	2.311 €
AC00711	D.R.O. HEINDEN. 2 AXIS MODELS ML18 325 X 1500 mm BETWEEN CENTRE	2.631 €
AC00712	D.R.O. HEINDEN. 2 AXIS MODELS ML18 325 X 2000 mm BETWEEN CENTRE	3.111 €
AC00713	D.R.O. HEINDEN. 2 AXIS MODELS ML18 325 X 3000 mm BETWEEN CENTRE	4.622 €
DIGITAL READOUT HEIDENHAIN 3 AXIS		
AC00714	D.R.O. HEINDEN. 3 AXIS MODELS ML18 200 X 750 mm BETWEEN CENTRES	2.347 €

AC00715	D.R.O. HEINDEN. 3 AXIS MODELS ML18 200 X 1000 mm BETWEEN CENTRE	2.827 €
AC00716	D.R.O. HEINDEN. 3 AXIS MODELS ML18 250 X 1000 mm BETWEEN CENTRE	2.827 €
AC00717	D.R.O. HEINDEN. 3 AXIS MODELS ML18 250 X 1500 mm BETWEEN CENTRE	3.131 €
AC00718	D.R.O. HEINDEN. 3 AXIS MODELS ML18 325 X 1000 mm BETWEEN CENTRE	2.827 €
AC00719	D.R.O. HEINDEN. 3 AXIS MODELS ML18 325 X 1500 mm BETWEEN CENTRE	3.131 €
AC00720	D.R.O. HEINDEN. 3 AXIS MODELS ML18 325 X 2000 mm BETWEEN CENTRE	3.689 €
AC00721	D.R.O. HEINDEN. 3 AXIS MODELS ML18 325 X 3000 mm BETWEEN CENTRE	5.200 €

OTHER OPTIONAL ACCESSORIES AND SPECIAL EXECUTIONS		
TELESCOPIC TAPER ATTACHMENT		
AC00196	TELESCOPIC TAPER ATTACHMENT FOR MODEL ML 200	610 €
AC00197	TELESCOPIC TAPER ATTACHMENT FOR MODEL ML 250	661 €
AC00198	TELESCOPIC TAPER ATTACHMENT FOR MODEL ML 325	661 €
PACKING		
AC00773	PACKING MODEL ML - 200 X 750	197 €
AC00774	PACKING MODEL ML - 200 / 250 / 325 X 1000	238 €
AC00775	PACKING MODEL ML - 250 / 325 X 1500	314 €
AC00776	PACKING MODEL ML - 325 X 2000	424 €
AC00777	PACKING MODEL ML - 325 X 3000	550 €
RECOMMENDED SPARE PARTS		
AC00378	RECOMMENDED SPARE PARTS FOR ML 200	431 €
AC00379	RECOMMENDED SPARE PARTS FOR ML250	436 €
AC00380	RECOMMENDED SPARE PARTS FOR ML 325	453 €
AC00898	RECOMMENDED SPARE PARTS FOR SC250/ML 250-105	465 €
AC00856	RECOMMENDED SPARE PARTS FOR SC325/ ML 325-105	470 €
AC00894	RECOMMENDED SPARE PARTS FOR SC325/ ML 325-155	470 €
AC00817	RECOMMENDED ELECTRICAL SPARE PARTS FOR ML 200x705-1000	463 €
AC00818	RECOMMENDED ELECTRICAL SPARE PARTS FOR ML 250x1000-ML325x1000	488 €
AC00819	RECOMMENDED ELECTRICAL SPARE PARTS FOR ML 250x1500-ML325x1500-2000-3000	536 €
STOPPERS		
AC00803	4 POSITION BED STOP MODEL ML 200	153 €
AC00804	4 POSITION BED STOP MODEL ML 250	184 €
AC00805	4 POSITION BED STOP MODEL ML 325	215 €
AC00770	MICROMETER CARRIAGE STOP MODEL ML 200	153 €
AC00771	MICROMETER CARRIAGE STOP MODEL ML 250	184 €
AC00772	MICROMETER CARRIAGE STOP MODEL ML 325	215 €
AC00806	SWITCH STOPPER MICRO CARRIAGE	602 €
VARIOUS ACCESSORIES		
AC00689	SAFETY MICRO SWITCH FOR CARRIAGE PROTECTION MODEL ML18	150 €
AC01353	FOUNDATION BOLT ANTIVIBRATION ML200 1 UNIT	70 €
AC01354	FOUNDATION BOLT ANTIVIBRATION ML250-325 1 UNIT	70 €
AC00811	RAPID FEED	850 €

AC00160	SET OF SPANNERS AND KEYS & OIL CAN	77 €
AC00161	DRILL CHUCK 1-16 CM4	80 €
AC00162	DRILL CHUCK 1-16 CM5	95 €

Pinacho

www.pinachocnc.com

SE

MODELS SE 200 > SE 250 > SE 325

User-friendly & intuitive CNC lathes.

The SE series combines the working capacity of the conventional lathe with the advantages of the CNC. The SE machines are easy to use, ideal for the realization of short series, prototyping or educational centers, thanks to Siemens or Fagor controls that allow programming in both ISO and conversational language.

The CNC lathes of the SE series are precise, robust, and are also characterized by their high cutting capacity thanks to the head with electronic speed variator and the high torque supplied by the gearbox with three speed ranges.

STANDARD EQUIPMENT

- Siemens 808D Control
- Linear Path Graphs
- Electronic handwheel for X and Z axes
- Headstock with electronic speed variator 3 ranges
- Reducing bush of main shaft and dead center
- Dead center for tailstock
- Manual quick-change toolpost
- Automatic guide lubrication system
- Refrigeration equipment
- Complete guarding enclosure
- Cast iron pedestals
- Precision Levellers
- Working light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

OPTIONAL EXTRAS

- Control Fagor 8037T or Fagor 8055T
- Chucks with 3 and 4 jaws
- Rear chuck
- Hydraulic power chuck
- Hydraulic collect chuck
- Hydraulic tailstock
- Fixed Steady Rest
- Large capacity fixed steady rest
- Follow Rest
- Multifix quick-change toolpost
- 4 and 8 position automatic turret
- Live center
- Chip conveyor
- Electric transformer
- Higher pressure cooling system
- Electric panel refrigeration
- Anti-vibration kit
- Remote jog unit
- Tool Presetter

PRICE LIST PINACHO SE

SE LATHE MODELS		
PR00010	CNC LATHE PINACHO SE 200 x 750 - S1	21.296 €
PR00009	CNC LATHE PINACHO SE 200 x 1000 - S1	21.534 €
PR00011	CNC LATHE PINACHO SE 250 x 1000 - S1	24.594 €
PR00012	CNC LATHE PINACHO SE 250 x 1500 - S1	25.355 €
PR00013	CNC LATHE PINACHO SE 325 x 1000 - S1	32.117 €
PR00014	CNC LATHE PINACHO SE 325 x 1500 - S1	32.898 €
PR00015	CNC LATHE PINACHO SE 325 x 2000 - S1	34.363 €
PR00016	CNC LATHE PINACHO SE 325 x 3000 - S1	38.989 €

OPTIONAL EXTRAS

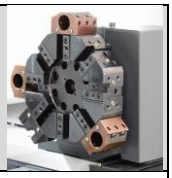
MAIN SPINDLE		
AC00954	ASA OPTION. 42 mm ASA A2-5 FOR ML200/SE200/SMS200	0 €
AC00961	INCREASE 42 mm ASA A2-5 TO CAMLOCK D1-5 FOR ML200/SE200/SMS200	376 €
AC00955	ASA OPTION. 58 mm ASA A2-6 FOR ML250/SE250/SMS250	0 €
AC00972	INCREASE 58 mm ASA A2-6 TO CAMLOCK D1-6 FOR ML250/SE250/SMS250	401 €
AC00957	ASA OPTION. 80 mm ASA A2-8 FOR ML325/SE325/SMS325	0 €
AC00975	INCREASE 80 mm ASA A2-8 TO CAMLOCK D1-8 FOR ML325/SE325/SMS325	558 €

LARGER SPLINDLE BORE OPTION FOR MODELS SE - 250 / 325		
AC00948	INCREASE 105 mm A8 SPINDLE BORE - SE 250 & SE 325 - SMS 250 & SMS 325	3.300 €
AC00949	INCREASE 155 mm A11 SPINDLE BORE - SE 325 & SMS 325	4.300 €
AC01054	INCREASE 105 mm CAMLOCK D1-8 SPINDLE BORE - SE 250 & SE 325 - SMS 250 & SMS 325	3.750 €

CONTROL OPTION		
AC00984	STANDARD PACKAGE SIEMENS 808 SE/SMS	0 €
AC01052	INCREASE FAGOR 8037 T PACKAGE	1.250 €
AC01053	INCREASE FAGOR 8055 i PACKAGE	2.300 €

CHUCK AND JAWS		
REAR CHUCK FLANGE (REQUIRED TO ASSEMBLE REAR CHUCK) *		
AC00988	REAR CHUCK FLANGE FOR SE 200 Ø42 & SMS 200 Ø42 BORE	217 €

AC00989	REAR CHUCK FLANGE FOR SE 250 Ø58 & SMS 250 Ø58 BORE *	200 €
AC00990	REAR CHUCK FLANGE FOR SE 325 Ø80 & SMS 325 Ø 80 BORE	550 €
AC01044	REAR CHUCK FLANGE FOR SE 250 Ø105 & SMS 250 Ø105 BORE *	333 €
AC01045	REAR CHUCK FLANGE FOR SE 325 Ø155 & SMS 325 Ø155 BORE *	550 €
HYDRAULIC CHUCK AND CYLINDER		
	FOR SE-200-42	
AC00913	HYDRAULIC CHUCK Ø 160 + HYDRAULIC CYLINDER BORE Ø 30 FOR SE/SMS-200-42	1.702 €
AC00914	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER BORE Ø 30 FOR SE/SMS-200-42	1.933 €
	FOR SE-250-58	
AC00915	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER BORE Ø 48 FOR SE/SMS-250-58	2.100 €
AC00916	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER BORE Ø 48 FOR SE/SMS-250-58	2.802 €
	FOR SE-325-80	
AC00917	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER BORE Ø 68 FOR SE/SMS-325-80	3.336 €
AC00918	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 68 FOR SE/SMS-325-80	3.653 €
	FOR SE-250-105	
AC00919	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 92 FOR SE/SMS-250-105	4.834 €
	FOR SE-325-105	
AC01109	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 92 FOR SE-325-105	6.683 €
	FOR SE-325-155	
AC01110	HYDRAULIC CHUCK Ø 400 + HYDRAULIC CYLINDER BORE Ø 140 FOR SE-325-155	10.980 €
HYDRAULIC COLLET CHUCK AND CYLINDER		
AC00113	HYDRAULIC DL25 COLLET CHUCK + HYDRAULIC CYLINDER Ø 30 FOR SE/SMS	1.957 €
AC00256	HYDRAULIC DL40 COLLET CHUCK + HYDRAULIC CYLINDER Ø 48 FOR SE/SMS	2.348 €
AC00386	HYDRAULIC DL60 COLLET CHUCK +HYDRAULIC CYLINDER Ø 68 FOR SE/SMS	2.753 €
AC00387	HYDRAULIC DL80 COLLET CHUCK + HYDRAULIC CYLINDER Ø 92 FOR SE/SMS	3.851 €
HYDRAULIC TAILSTOCK		
AC01106	HYDRAULIC TAIL STOCK FOR SE200	1.380 €
AC01107	HYDRAULIC TAIL STOCK FOR SE250	1.511 €
AC01108	HYDRAULIC TAIL STOCK FOR SE325	1.628 €

TOOLPOST AND TURRETS		
STANDARD QUICKCHANGE TOOL POST		
AC01139	QUICK CHANGE TOOL POST HP-150 WITH 5 TOOL HOLDER SE200	0 €
AC01140	QUICK CHANGE TOOL POST HP-210 WITH 5 TOOL HOLDER SE250	0 €
AC01141	QUICK CHANGE TOOL POST HP-210 WITH 5 TOOL HOLDER SE325	0 €
MH TOOL POST		
AC00445	MH-90 QUICK CHANGE TOOLPOST FOR SE 200 WITH 4 TOOL HOLDERS	1.032 €
AC00446	MH-115 QUICK CHANGE TOOLPOST FOR SE 250 WITH 4 TOOL HOLDERS	1.245 €

AC00447	MH-130 QUICK CHANGE TOOLPOST FOR SE 325 WITH 4 TOOL HOLDERS	1.392 €
MULTIFIX QUICK CHANGE TOOLPOST		
AC00448	MULTIFIX E QUICK CHANGE TOOLPOST FOR SE 200 WITH 4 TOOL HOLDERS 12.05.00579	800 €
AC00449	MULTIFIX B QUICK CHANGE TOOLPOST FOR SE 250 WITH 4 TOOL HOLDERS 12.05.00115	978 €
AC00450	MULTIFIX C QUICK CHANGE TOOLPOST FOR SE 325 WITH 4 TOOL HOLDERS 12.05.00118	1.511 €
PRAGATI 4 STATION AUTOMATIC TURRET		
AC00858	AUTOMATIC 4 STATION TURRET SQT-134-51-0625-C FOR SE 200	925 €
AC01126	AUTOMATIC 4 STATION TURRET SQT-166-70-C FOR SE 250	1.000 €
AC00859	AUTOMATIC 4 STATION TURRET SQT-166-70-C FOR SE 325	1.074 €
PRAGATI 8 STATION AUTOMATIC TURRET		
AC00890	AUTOMATIC 8 STATION TURRET WITH BTH-3NOS ATH-1NOS - SE 200	4.094 €
AC00891	AUTOMATIC 8 STATION TURRET WITH BTH-3NOS ATH-1NOS - SE 250	5.063 €
AC00892	AUTOMATIC 8 STATION TURRET WITH BTH -3NOS ATH-1NOS - SE 325	5.927 €
PRAGATI 8 STATION AUTOMATIC VDI TURRET		
AC01366	AUTOMATIC 8 STATION TURRET VDI16 - SE 200	4.694 €
AC01370	AUTOMATIC 8 STATION TURRET VDI20 - SE 250	5.663 €
AC01374	AUTOMATIC 8 STATION TURRET VDI30- SE 325	6.527 €
PRAGATI 12 STATION AUTOMATIC VDI TURRET		
AC01368	AUTOMATIC 12 STATION TURRET VDI16 - SE 200	5.094 €
AC01372	AUTOMATIC 12 STATION TURRET VDI20 - SE 250	6.063 €
AC01377	AUTOMATIC 12 STATION TURRET VDI30- SE 325	6.927 €
TOOL HOLDERS FOR AUTOMATIC 8 STATION TURRET		
AC00315	BORING TOOL HOLDER BTH 16-20	58 €
AC00316	BORING TOOL HOLDER BTH 16-25 CH18	58 €
AC00317	BORING TOOL HOLDER BTH 20-20	58 €
AC00318	BORING TOOL HOLDER BTH 20-25	58 €
AC00571	BORING TOOL HOLDER BTH 20-32 CH25	58 €
AC00986	BORING TOOL HOLDER BTH 25-32	75 €
AC00326	BORING TOOL HOLDER BTH 25-40 CH30 L60	75 €
AC00339	AXIAL TOOL HOLDER ATH 16-16	58 €
AC00340	AXIAL TOOL HOLDER ATH 20-20	66 €
AC00588	AXIAL TOOL HOLDER ATH 25-25	85 €
BORING SLEEVES		
AC00363	BORING SLEEVE - OD Ø32 - ID Ø12	35 €
AC00364	BORING SLEEVE - OD Ø32 - ID Ø16	35 €
AC00365	BORING SLEEVE - OD Ø32 - ID Ø20	35 €
AC00366	BORING SLEEVE - OD Ø32 - ID Ø25	35 €
AC01048	BORING SLEEVE - OD Ø40 - ID Ø12	40 €
AC00368	BORING SLEEVE - OD Ø40 - ID Ø16	40 €
AC00369	BORING SLEEVE - OD Ø40 - ID Ø20	40€
AC00370	BORING SLEEVE - OD Ø40 - ID Ø25	40 €
AC01049	BORING SLEEVE - OD Ø40 - ID Ø32	40 €

OTHER OPTIONAL ACCESORIES AND SPECIAL EXECUTIONS		
PACKING		
AC00791	PACKING MODEL SE - 200 X 750	561 €
AC00792	PACKING MODEL SE - 200 / 250 / 325 X 1000	618 €
AC00794	PACKING MODEL SE - 250 / 325 X 1500	719 €
AC00796	PACKING MODEL SE - 325 X 2000	864 €
AC00798	PACKING MODEL SE - 325 X 3000	1.032 €
RECOMMENDED SPARE PARTS		
AC00381	RECOMMENDED SPARE PARTS FOR SE 200	265 €
AC00382	RECOMMENDED SPARE PARTS FOR SE 250	279 €
AC01079	RECOMMENDED SPARE PARTS FOR SE 325	308 €
AC00814	RECOMMENDED SPARE PARTS FOR SE 250-105	465 €
AC00855	RECOMMENDED SPARE PARTS FOR SE 325-105	470 €
AC00815	RECOMMENDED SPARE PARTS FOR SE 325-155	470 €
AC00842	RECOMMENDED ELECTRICAL SPARE PARTS FOR SE 200x750-SE200-250-325x1000 SIEMENS	536 €
AC00843	RECOMMENDED ELECTRICAL SPARE PARTS FOR SE250x1500 - SE325x1500-2000-3000 SIEMENS	536 €
AC00853	RECOMMENDED ELECTRICAL SPARE PARTS FOR SE 200x750-SE200-250-325x1000 FAGOR	463 €
AC00854	RECOMMENDED ELECTRICAL SPARE PARTS FOR SE250x1500 - SE325x1500-2000-3000 FAGOR	463 €
OTHER OPTIONS		
AC00969	6 BAR COOLANT SYSTEM	812 €
AC00970	AC PANEL COOLER	1.177 €
AC01355	ANTIVIBRATION MOUNTING UNIT CNC200 1 UNIT	81 €
AC01356	ANTIVIBRATION MOUNTING UNIT CNC205-285-310-350 1 UNIT	81 €
AC01057	TOOL PRESETTER	3.555 €
AC00567	SOFTWARE TELEDIAGNOSIS 8055 FAGOR	425 €
AC01051	SOFTWARE MANUAL MACHINE PLUS MM+ SINUMERIK 808D SIEMENS	660 €
AC00568	FAGOR PORTABLE HANDWHEEL	1.300 €
AC00690	SIEMENS PORTABLE HANDWHEEL	1.625 €

Pinacho

www.pinachocnc.com

ST

MODELS ST 180 > ST 225 > ST 285 > ST 310

High precision flatbed CNC lathes.

The ST is Pinacho's most sophisticated numerical control lathe, with great rigidity and working precision. Developed with components of the highest quality and manufactured under strict and demanding control standards. ST parallel lathes incorporate the most advanced technology developed from experience provided by more than 70 years of history.

Our CNC flatbed lathes are silent, easy to use machines, with a headstock composed of a servo-motor and direct transmission to the main axis, providing a high speed of rotation and an excellent quality surface finish on the component.

The Pinacho ST are lathes with up to 3 axes that provide an extraordinary versatility in the world of machine tools.

STANDARD EQUIPMENT

- Fanuc Oi-TF Control
- Dynamic graphics / trajectory
- Profile Editor
- Electronic handwheel for X and Z axes
- Direct drive headstock with servomotor
- Reducing bush of main shaft and dead centers
- 8-position automatic turret with 4 toolholders
- Automatic lubrication of the guideways
- Refrigeration equipment
- Cast iron pedestals
- Precision Levellers
- Work light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

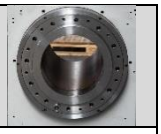
OPTIONAL EXTRAS

- Control Fagor 8055T, Siemens 828D
- C-axis
- Chucks with 3 and 4 jaws
- Rear chuck
- Hydraulic power chuck
- Hydraulic collect chuck
- Hydraulic tailstock
- Fixed Steady Rest
- Large capacity fixed steady rest
- Follow Rest
- Livetool 12 positions
- Live center
- Chip conveyor
- Electric transformer
- Higher pressure cooling system
- Electric panel refrigeration
- Anti-vibration kit
- Remote jog unit
- Tool Presetter
- Bar feeder

ST LATHE MODELS		
PR00035	CNC LATHE PINACHO ST 180 x 750 mm - S1	30.449 €
PR00034	CNC LATHE PINACHO ST 180 x 1000 mm - S1	30.750 €
PR00036	CNC LATHE PINACHO ST 225 x 1000 mm - S1	34.764 €
PR00037	CNC LATHE PINACHO ST 225 x 1500 mm - S1	35.663 €
PR00038	CNC LATHE PINACHO ST 285 x 1000 mm - S1	42.398 €
PR00039	CNC LATHE PINACHO ST 285 x 1500 mm - S1	43.456 €
PR00040	CNC LATHE PINACHO ST 285 x 2000 mm - S1	45.372 €
PR00041	CNC LATHE PINACHO ST 285 x 3000 mm - S1	51.561 €
PR00042	CNC LATHE PINACHO ST 310 x 1000 mm - S1	46.755 €
PR00043	CNC LATHE PINACHO ST 310 x 1500 mm - S1	47.867 €
PR00044	CNC LATHE PINACHO ST 310 x 2000 mm - S1	49.880 €
PR00045	CNC LATHE PINACHO ST 310 x 3000 mm - S1	56.379 €

OPTIONAL EXTRAS

MAIN SPINDLE		
AC00959	ASA OPTION.E 42 mm ASA A2-5 FOR ST180	0 €
AC00964	INCREASE 42 mm ASA A2-5 TO CAMLOCK D1-5 FOR ST180	343 €
AC00956	ASA OPTION. 65 mm ASA A2-6 FOR ST225	0 €
AC00974	INCREASE 65 mm ASA A2-6 TO CAMLOCK D1-6 FOR ST225	372 €
AC00950	ASA OPTION. 80 mm ASA A2-8 FOR ST285	0 €
AC00976	INCREASE 80 mm ASA A2-8 TO CAMLOCK D1-8 FOR ST285	551 €
AC00953	ASA OPTION. 105 mm ASA A2-8 FOR ST310	0 €
AC00960	INCREASE 105 mm ASA A2-8 TO CAMLOCK D1-8 FOR ST310	620 €

LARGER SPINDLE BORE OPTION FOR MODEL ST - 310		
AC01041	INCREASE 155 mm A11 SPINDLE BORE ST-310	6.275 €

CONTROL OPTION		
AC00982	STANDARD PACKAGE FANUC 0i-TF ST/STS	0 €
AC00462	INCREASE FANUC TO SIEMENS 828 PACKAGE	1.700 €
AC00463	INCREASE FANUC TO FAGOR 8055i PACKAGE	1.700 €

CHUCK AND JAWS		
REAR CHUCK FLANGE (REQUIRED TO ASSEMBLE REAR CHUCK) *		
AC01003	REAR CHUCK FLANGE FOR ST 180	217,00 €
AC01004	REAR CHUCK FLANGE FOR ST 225	333,00 €
AC01005	REAR CHUCK FLANGE FOR ST 285	550,00 €
AC01006	REAR CHUCK FLANGE FOR ST 310	550,00 €
HYDRAULIC CHUCK AND CYLINDER		
	FOR ST-180-42:	
AC00903	HYDRAULIC CHUCK Ø 160 + HYDRAULIC CYLINDER Ø 30 FOR ST-180-42	1.702 €
AC00904	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER Ø 30 FOR ST-180-42	1.933 €
	FOR ST-225-65:	
AC00905	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER Ø 52 FOR ST-225-65	2.100 €
AC00906	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER Ø 52 FOR ST-225-65	2.802 €
	FOR ST-285-80:	
AC00899	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER Ø 68 FOR ST-285-80	3.336 €
AC00900	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER Ø 68 FOR ST-285-80	3.653 €
	FOR ST-310-105:	
AC00907	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER Ø 92 FOR ST-310-105	6.683 €
	FOR ST-310-155:	
AC00893	HYDRAULIC CHUCK Ø 400 + HYDRAULIC CYLINDER Ø 140 FOR ST-310-155	10.980 €
HYDRAULIC COLLET CHUCK AND CYLINDER		
AC00417	HYDRAULIC DL25 COLLET CHUCK + HYDRAULIC CYLINDER Ø 30 FOR ST-180	1.957 €
AC00421	HYDRAULIC DL40 COLLET CHUCK + HYDRAULIC CYLINDER Ø 48 FOR ST-225	2.348 €
AC00438	HYDRAULIC DL60 COLLET CHUCK + HYDRAULIC CYLINDER Ø 68 FOR ST-285	2.753 €
AC00483	HYDRAULIC DL80 COLLET CHUCK + HYDRAULIC CYLINDER Ø 92 FOR ST-310	3.851 €
HYDRAULIC TAILSTOCK		
AC01380	HYDRAULIC TAIL STOCK FOR ST 180	1.380 €
AC01381	HYDRAULIC TAIL STOCK FOR ST 225	1.511 €
AC01382	HYDRAULIC TAIL STOCK FOR ST 285	1.628 €
AC01383	HYDRAULIC TAIL STOCK FOR ST 310	1.628 €

STEADIES		
AC00171	FIXED STEADY REST H180 B250 CAPACITY Ø (10 - 125)	500 €
AC00865	ARM SET WITH ROLLERS H180 B250 CAPACITY Ø (10 - 125)	383 €
AC00176	FIXED STEADY REST H180 B250 LARGE CAPACITY Ø (110 - 200)	1.000 €
AC00874	ARM SET WITH ROLLERS H180 B250 LARGE CAPACITY Ø (110 - 200)	383 €
AC00832	FIXED STEADY REST H225 B300 CAPACITY Ø (10 - 140)	583 €
AC00866	ARM SET WITH ROLLERS H225 B300 CAPACITY Ø (10 - 140)	383 €
AC00177	FIXED STEADY REST H225 B300 LARGE CAPACITY Ø (140 - 250)	1.000 €
AC00875	ARM SET WITH ROLLERS H225 B300 LARGE CAPACITY Ø (140 - 250)	383 €
AC00172	FIXED STEADY REST H285 B350 CAPACITY Ø (10 - 180)	683 €
AC00867	ARM SET WITH ROLLERS H285 B350 CAPACITY Ø (10 - 180)	383 €
AC00178	FIXED STEADY REST H285 B350 LARGE CAPACITY Ø (180 - 350)	1.250 €
AC00876	ARM SET WITH ROLLERS H285 B350 LARGE CAPACITY Ø (180 - 350)	383 €
AC00173	FIXED STEADY REST H310 B350 CAPACITY Ø (10 - 180)	783 €
AC00868	ARM SET WITH ROLLERS H310 B350 CAPACITY Ø (10 - 180)	383 €
AC00179	FIXED STEADY REST H310 B350 LARGE CAPACITY Ø (180 - 400)	1.367 €
AC00877	ARM SET WITH ROLLERS H310 B350 LARGE CAPACITY Ø (180 - 400)	383 €
AC00184	FOLLOW REST H180 B250 CAPACITY Ø (10 - 80)	400 €
AC00883	ARM SET WITH ROLLERS H180 B250 CAPACITY Ø (10 - 80)	383 €
AC00185	FOLLOW REST H225 B300 CAPACITY Ø (10 - 90)	467 €
AC00884	ARM SET WITH ROLLERS H225 B300 CAPACITY Ø (10 - 90)	383 €
AC00186	FOLLOW REST H285 B350 CAPACITY Ø (10 - 130)	550 €
AC00885	ARM SET WITH ROLLERS H285 B350 CAPACITY Ø (10 - 130)	383 €
AC00187	FOLLOW REST H310 B350 CAPACITY Ø (10 - 130)	567 €
AC00886	ARM SET WITH ROLLERS H310 B350 CAPACITY Ø (10 - 130)	383 €

TOOLPOST AND TURRETS		
PRAGATI 4 STATION AUTOMATIC TURRET		
AC01012	AUTOMATIC 4 STATION TURRET SQT-134-51-0625-C FOR ST180	978 €
AC01013	AUTOMATIC 4 STATION TURRET SQT-166-70-C FOR ST225	1.171 €
AC01014	AUTOMATIC 4 STATION TURRET SQT-166-70-C FOR ST285	1.303 €
AC01027	AUTOMATIC 4 STATION TURRET SQT-166-70-C FOR ST310	1.303 €
BARUFFALDI 4 STATIONS AUTOMATIC TURRET VERTICAL AXIS		
AC00399	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 160 FOR ST 310	9.145 €
PRAGATI STANDARD 8 STATION AUTOMATIC TURRET		
AC01008	AUTOMATIC 8 STATION TURRET WITH BTH-3NOS ATH-1NOS - ST180 BTP50	0 €
AC01009	AUTOMATIC 8 STATION TURRET WITH BTH-3NOS ATH-1NOS - ST225 BTP63	0 €
AC01010	AUTOMATIC 8 STATION TURRET WITH BTH -3NOS ATH-1NOS - ST285 BTP80	0 €

AC01011	AUTOMATIC 8 STATION TURRET WITH BTH -3NOS ATH-1NOS - ST310 BTP80	0 €
PRAGATI 8 STATION AUTOMATIC VDI TURRET		
AC01367	INCREASE TO AUTOMATIC 8 STATION TURRET VDI16 - ST 180	600 €
AC01371	INCREASE TO AUTOMATIC 8 STATION TURRET VDI20 - ST 225	600 €
AC01375	INCREASE TO AUTOMATIC 8 STATION TURRET VDI30- ST 285	600 €
AC01376	INCREASE TO AUTOMATIC 8 STATION TURRET VDI30- ST 310	600 €
PRAGATI 12 STATION AUTOMATIC VDI TURRET		
AC01369	INCREASE TO AUTOMATIC 12 STATION TURRET VDI16 - ST 180	1.000 €
AC01373	INCREASE TO AUTOMATIC 12 STATION TURRET VDI20 - ST 225	1.000 €
AC01378	INCREASE TO AUTOMATIC 12 STATION TURRET VDI30- ST 285	1.000 €
AC01379	INCREASE TO AUTOMATIC 12 STATION TURRET VDI30- ST 310	1.000 €
PRAGATI 12 STATION LIVE TURRETS		
AC00388	LIVE TOOL 12 STATION TURRET PRAGATI FOR ST225	11.078 €
AC00391	LIVE TOOL 12 STATION TURRET PRAGATI FOR ST285	11.078 €
AC00392	LIVE TOOL 12 STATION TURRET PRAGATI FOR ST310	11.078 €
BARUFFALDI 8 STATION LIVE TURRET		
AC00398	LIVE TOOL 8 STATION TURRET BARUFALDI TBHMA-160 VDI 40 FOR ST 310	18.360 €
TOOL HOLDERS FOR AUTOMATIC 8 STATION TURRET		
AC00315	BORING TOOL HOLDER BTH 16-20	58 €
AC00316	BORING TOOL HOLDER BTH 16-25	58 €
AC00317	BORING TOOL HOLDER BTH 20-20	58 €
AC00318	BORING TOOL HOLDER BTH 20-25	58 €
AC00571	BORING TOOL HOLDER BTH 20-32	58 €
AC00986	BORING TOOL HOLDER BTH 25-32	75 €
AC00326	BORING TOOL HOLDER BTH 25-32	75 €
AC00339	BORING TOOL HOLDER BTH 25-40	75 €
AC00340	BORING TOOL HOLDER BTH 25-40	75 €
AC00588	AXIAL TOOL HOLDER ATH 16-16	58 €
AC00315	AXIAL TOOL HOLDER ATH 20-20	66 €
AC00316	AXIAL TOOL HOLDER ATH 25-25	85 €
AC00317	AXIAL TOOL HOLDER ATH 25-25	85 €
VDI TOOL HOLDER		
AC00585	AXIAL TOOL HOLDER VDI-20 C2-20-16-55	175 €
AC00596	AXIAL TOOL HOLDER VDI-30 C2-30-20-70	215 €
AC00586	RADIAL TOOL HOLDER VDI-20 B2-20-16-30	158 €
AC00597	RADIAL TOOL HOLDER VDI-30 B2-30-20-40	190 €
VDI LIVE TOOL HOLDERS		
AC00209	AXIAL LIVE TOOL HOLDER VDI-30 ATH 30 ER 25 DIN 5480	1.275 €
AC00210	RADIAL LIVE TOOL HOLDER VDI-30 RTH 30 ER 25 DIN 5480	2.549 €

OTHER SPECIAL ACCESORIES AND EXECUTIONS		
C AXIS		
AC00987	C' AXIS FOR FAGOR	1.917 €
AC01030	C' AXIS FOR SIEMENS	1.917 €
AC01031	C' AXIS FOR FANUC	1.917 €
PACKING		
AC00778	PACKING MODEL ST - 180 X 750	561 €
AC00779	PACKING MODEL ST - 180 / 225 / 285 / 310 / 400 X 1000	618 €
AC00781	PACKING MODEL ST - 225 / 285 / 310 X 1500	719 €
AC00783	PACKING MODEL ST - 285 / 310 / 400 / 500 X 2000	864 €
AC00785	PACKING MODEL ST - 285 / 310 / 400 / 500 X 3000	1.032 €
RECOMMENDED SPARE PARTS		
AC00909	RECOMMENDED SPARE PARTS FOR ST180 FAGOR	275 €
AC00910	RECOMMENDED SPARE PARTS FOR ST180 FANUC	275 €
AC00911	RECOMMENDED SPARE PARTS FOR ST180 SIEMENS	275 €
AC00912	RECOMMENDED SPARE PARTS FOR ST225 FAGOR	297 €
AC00931	RECOMMENDED SPARE PARTS FOR ST225 FANUC	297 €
AC00932	RECOMMENDED SPARE PARTS FOR ST225 SIEMENS	297 €
AC00938	RECOMMENDED SPARE PARTS FOR ST285 FAGOR	324 €
AC00939	RECOMMENDED SPARE PARTS FOR ST285 FANUC	324 €
AC00940	RECOMMENDED SPARE PARTS FOR ST285 SIEMENS	324 €
AC00941	RECOMMENDED SPARE PARTS FOR ST310 FAGOR	337 €
AC00942	RECOMMENDED SPARE PARTS FOR ST310 FANUC	337 €
AC00943	RECOMMENDED SPARE PARTS FOR ST310 SIEMENS	337 €
AC00820	RECOMMENDED ELECTRICAL SPARE PARTS FOR ST 180x750-1000 SIEMENS	536 €
AC00821	RECOMMENDED ELECTRICAL SPARE PARTS FOR ST 225x1000 - ST310x1000 SIEMENS	536 €
AC00823	RECOMMENDED ELECTRICAL SPARE PARTS FOR ST225x1500 - ST310x1500-2000-3000 SIEMENS	536 €
AC00824	RECOMMENDED ELECTRICAL SPARE PARTS FOR ST 180x750-1000 FAGOR	463 €
AC00831	RECOMMENDED ELECTRICAL SPARE PARTS FOR ST 225x1000 - ST310x1000 FAGOR	463 €
AC00833	RECOMMENDED ELECTRICAL SPARE PARTS FOR ST 225x1500 - ST310x1500-2000-3000 FAGOR	463 €
AC00834	RECOMMENDED ELECTRICAL SPARE PARTS FOR ST 180x750-1000 FANUC	488 €
AC00840	RECOMMENDED ELECTRICAL SPARE PARTS FOR ST 225x1000 - ST310x1000 FANUC	488 €
AC00841	RECOMMENDED ELECTRICAL SPARE PARTS FOR ST 225x1500 - ST310x1500-2000-3000 FANUC	488 €
OTHER OPTIONS		
AC00969	6 BAR COOLANT SYSTEM	812 €
AC00970	AC PANEL COOLER	1.176 €
AC01355	ANTIVIBRATORIO CNC200 1 UNIDAD	81 €
AC01356	ANTIVIBRATORIO CNC205-285-310-350 1 UNIDAD	81 €
AC01057	TOOL PRESETTER	3.555 €
AC00567	SOFTWARE TELEDIAGNOSIS 8055 FAGOR	425 €
AC01050	SOFTWARE SHOP TURN WITH 3D SIMULATION SIEMENS	705 €

AC01058	FANUC OI TF-MANUAL GUIDE	1.800 €
AC01118	FANUC 0i-TF ARBITRARY SPEED THREADING	1.260 €
AC00667	SERVO BAR FEEDER Ø 6-120 mm X 100-1600 mm BAR LENGTH	17.321 €
AC00568	FAGOR PORTABLE HANDWHEEL	1.300 €
AC01099	FANUC PORTABLE HANDWHEEL	825 €
AC00690	SIEMENS PORTABLE HANDWHEEL	1.625 €

Pinacho

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SH

MODELS SH 400 > SH 500

Large roughing CNC lathes with up to 4 axes.

The SH series of CNC lathes marks a milestone among flatbed numerical control machines. Parallel lathes with up to 4 axes that provide a record versatility within their segment without renouncing the precision and quality of finishes that have made Pinacho a reference in the world of machine tools.

SH parallel lathes have been designed with our most demanding customers in mind, using the highest quality components combined with the most innovative technology, the result of more than 70 years of experience.

Models with up to 4 CNC axes, 1050 mm turning on over bed and 5000 mm between centres.

STANDARD EQUIPMENT

- Fagor 8055T Control
- Dynamic graphics / trajectory
- Profile Editor
- Screen 10".
- Reducing bush of main shaft and dead centres
- Servomotor
- Gearbox 2 ranges
- 8-position automatic turret with 4 toolholders
- Remote jog unit
- Refrigeration equipment
- Cast iron pedestals
- Precision Levellers
- Work light
- Status signal light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

OPTIONAL EXTRAS

- Fanuc Control Oi-TF, Siemens 828D
- Boring bar up to 310 mm
- C-axis
- Y-axis
- Automatic and live tool 8 or 12 positions VDI or BMT
- Chucks with 3 and 4 jaws
- Hydraulic chuck and tailstock
- Fixed steady rests of various capacities
- Follow Rest
- Hydraulic Steady Rest
- Electric transformer
- Rear chuck
- Support for boring bars
- Live center
- Higher pressure coolant pump
- Chip conveyor
- Tool Presetter
- Electric panel cooler

PRICE LIST PINACHO SH

SH LATHE MODELS		
PR00017	CNC LATHE PINACHO SH 400 x 1000 mm - S1	86.034 €
PR00018	CNC LATHE PINACHO SH 400 x 2000 mm - S1	88.982 €
PR00019	CNC LATHE PINACHO SH 400 x 3000 mm - S1	93.299 €
PR00020	CNC LATHE PINACHO SH 400 x 4000 mm - S1	100.116 €
PR00021	CNC LATHE PINACHO SH 400 x 5000 mm - S1	108.641 €
PR00022	CNC LATHE PINACHO SH 500 x 2000 mm - S1	97.258 €
PR00023	CNC LATHE PINACHO SH 500 x 3000 mm - S1	104.928 €
PR00024	CNC LATHE PINACHO SH 500 x 4000 mm - S1	111.083 €
PR00025	CNC LATHE PINACHO SH 500 x 5000 mm - S1	120.528 €

OPTIONAL EXTRAS

MAIN SPINDLE		
AC01032	STANDARD ASA OPTION Ø 105 mm ASA A2-8 / SH-400	0 €
AC01033	INCREASE Ø 105 mm ASA A2-8 TO CAMLOCK D1-8 / SH-400	620 €
AC01034	STANDARD ASA OPTION Ø 130 mm ASA A2-11 / SH-500	0 €

LARGER SPINDLE BORE OPTION FOR MODELS SH 400 / SH 500		
AC00540	INCREASE 105 TO 155 mm A11 SPINDLE BORE / SH400	6.275 €
AC00541	INCREASE 105 TO 230 mm A15 SPINDLE BORE / SH400	9.412 €
AC00482	INCREASE 130 TO 155 mm A11 SPINDLE BORE / SH500	7.000 €
AC00595	INCREASE 130 TO 230 mm A15 SPINDLE BORE /SH500	10.000 €
AC00484	INCREASE 130 TO 310 mm A20 SPINDLE BORE /SH500	17.000 €

CONTROL OPTION		
AC00981	STANDARD PACKAGE FAGOR 8055 SH	0 €
AC00490	INCREASE FAGOR TO SIEMENS 828 PACKAGE	4.762 €
AC00491	INCREASE FAGOR TO FANUC 0i-TF PACKAGE	1.181 €

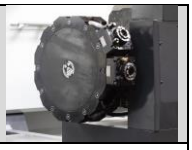
ADDITIONAL AXIS		
Y AXIS		
AC00406	"Y" AXIS H400	10.100 €
AC00407	"Y" AXIS H500	10.100 €

C AXIS		
AC01346	"C" AXIS CONTINOUS POSITIONING SPINDLE HOLE 105 FOR SH	13.850 €
AC01347	"C" AXIS CONTINOUS POSITIONING SPINDLE HOLE 130 FOR SH	13.850 €
AC01348	"C" AXIS CONTINOUS POSITIONING SPINDLE HOLE 155 FOR SH	13.850 €
AC01349	"C" AXIS CONTINOUS POSITIONING SPINDLE HOLE 230 FOR SH	13.850 €
AC01350	"C" AXIS CONTINOUS POSITIONING SPINDLE HOLE 310 FOR SH	13.850 €

CHUCKS AND JAWS		
REAR CHUCK FLANGE (REQUIRED TO ASSEMBLE REAR CHUCK) *		
AC00546	REAR CHUCK FLANGE FOR SH HOLE 105 mm	867 €
AC00488	REAR CHUCK FLANGE FOR SH HOLE 130 mm	867 €
AC00547	REAR CHUCK FLANGE FOR SH HOLE 155 mm	867 €
AC00548	REAR CHUCK FLANGE FOR SH HOLE 230 mm	1.100 €
AC00489	REAR CHUCK FLANGE FOR SH HOLE 310 mm	1.100 €
HYDRAULIC CHUCK AND CYLINDER		
	FOR SH 400 105	
AC00782	HYDRAULIC CHUCK Ø 450 + HYDRAULIC CYLINDER Ø 91 FOR SH-400-105	11.250 €
	FOR SH 500 130	
AC00755	HYDRAULIC CHUCK Ø 530 + HYDRAULIC CYLINDER Ø 117,5 FOR SH-500-130	14.700 €
	FOR SH 400/500 155	
AC00784	HYDRAULIC CHUCK Ø 500 + HYDRAULIC CYLINDER Ø 140 FOR SH-400/500-155	23.400 €
	FOR SH 400/500 230	
AC00786	HYDRAULIC CHUCK Ø 630 + HYDRAULIC CYLINDER Ø 225 FOR SH 400/500-230	31.550 €
	FOR SH 400 105 (IF ALREADY FITTED WITH C AXIS)	
AC00788	HYDRAULIC CHUCK Ø 450 + HYDRAULIC CYLINDER Ø 91 FOR SH-400-105 (if fitted with C axis)	11.250 €
	FOR SH 500 130 (IF ALREADY FITTED WITH C AXIS)	
AC00757	HYDRAULIC CHUCK Ø 530 + HYDRAULIC CYLINDER Ø 117,5 FOR SH-500-130 (if fitted with C axis)	14.700 €
	FOR SH 400/500 155 (IF ALREADY FITTED WITH C AXIS)	
AC00789	HYDRAULIC CHUCK Ø 500 + HYDRAULIC CYLINDER Ø 160 FOR SH-400/500-155 (if fitted with C axis)	23.400 €
	FOR SH 400/500 230 (IF ALREADY FITTED WITH C AXIS)	
AC00793	HYDRAULIC CHUCK Ø 630 + HYDRAULIC CYLINDER Ø 225 FOR SH 400/500-230 (if fitted with C axis)	31.550 €
HYDRAULIC TAILSTOCK		
AC00780	HYDRAULIC TAILSTOCK SH/STH-400	4.550 €
AC00624	HYDRAULIC TAILSTOCK SH/STH-500	4.550 €
SET OF JAWS FOR HYDRAULIC CHUCK		
AC00659	SET OF SOFT JAWS FOR Ø 450 mm CHUCK	319 €
AC00660	SET OF SOFT JAWS FOR Ø 530 mm CHUCK	490 €

AC00661	SET OF SOFT JAWS FOR Ø 500 & 630 mm CHUCKS	490 €
AC00662	SET OF HARD JAWS FOR Ø 450 mm CHUCK	990 €
AC00663	SET OF HARD JAWS FOR Ø 530 mm CHUCK	1.825 €
AC00664	SET OF HARD JAWS FOR Ø 500 & 600 mm CHUCKS	1.825 €
SET OF OPTIONAL JAWS		
AC00394	SET OF SOFT JAWS FOR 3 JAW CHUCK Ø 500 mm	475 €
AC00395	SET OF SOFT JAWS FOR 3 JAW CHUCK Ø 630 mm	670 €
AC00416	SET OF SOFT JAWS FOR 4 JAW CHUCK Ø 400 mm	473 €
AC00418	SET OF SOFT JAWS FOR 4 JAW CHUCK Ø 500 mm	670 €
AC00419	SET OF SOFT JAWS FOR 4 JAW CHUCK Ø 630 mm	895 €
AC00390	SET OF INTERIOR HARD JAWS FOR 3 JAW CHUCK. Ø 400 mm	535 €
AC00032	SET OF INTERIOR HARD JAWS FOR 3 JAW CHUCK. Ø 500 mm	650 €
AC00393	SET OF INTERIOR HARD JAWS FOR 3 JAW CHUCK. Ø 630 mm	1.105 €
AC00412	SET OF INTERIOR HARD JAWS FOR 4 JAW CHUCK Ø 400 mm	708 €
AC00414	SET OF INTERIOR HARD JAWS FOR 4 JAW CHUCK Ø 500 mm	1.150 €
AC00415	SET OF INTERIOR HARD JAWS FOR 4 JAW CHUCK Ø 630 mm	1.580 €
AC00018	SET OF EXTERIOR HARD JAWS FOR 3 JAW CHUCK. Ø 400 mm	535 €
AC00019	SET OF INTERIOR HARD JAWS FOR 3 JAW CHUCK. Ø 500 mm	650 €
AC00389	SET OF INTERIOR HARD JAWS FOR 3 JAW CHUCK. Ø 630 mm	1.100 €
AC00408	SET OF INTERIOR HARD JAWS FOR 4 JAW CHUCK Ø 400 mm	708 €
AC00410	SET OF INTERIOR HARD JAWS FOR 4 JAW CHUCK Ø 500 mm	1.150 €
AC00411	SET OF INTERIOR HARD JAWS FOR 4 JAW CHUCK Ø 630 mm	1.580 €
SET OF BASE & TOP JAWS		
AC00396	BASE JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 500 mm	840 €
AC00397	BASE JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 630 mm	1.110 €
AC00420	BASE JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 400 mm	743 €
AC00422	BASE JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 500 mm	1.100 €
AC00423	BASE JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 630 mm	1.338 €
AC00402	HARD TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 400 mm	571 €
AC00404	HARD TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 500 mm	827 €
AC00405	HARD TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 630 mm	998 €
AC00427	HARD TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 400 mm	763 €
AC00428	HARD TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 500 mm	1.032 €
AC00429	HARD TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 630 mm	1.190 €
AC00050	SOFT TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 400 mm	367 €
AC00400	SOFT TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 500 mm	427 €
AC00401	SOFT TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 630 mm	470 €
AC00424	SOFT TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 400 mm	475 €
AC00425	SOFT TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 500 mm	598 €
AC00426	SOFT TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 630 mm	660 €

STEADIES		
STEADIES (INCLUDE ARMS WITH ROLLERS)		
AC00439	FIXED STEADY REST H400 B425 CAPACITY Ø (90 - 300)	1.098 €
AC00437	FIXED STEADY REST H400 B425 CAPACITY Ø (300 - 530)	1.882 €
AC00441	FIXED STEADY REST H500 B500 CAPACITY Ø (30 - 380)	1.647 €
AC00443	FIXED STEADY REST H500 B500 CAPACITY Ø (370 - 730) D68	3.000 €
AC01176	FOLLOW REST H400 B425CAPACITY Ø (70 - 290)	980 €
AC00442	FOLLOW REST H500 B500 CAPACITY Ø (35 - 310)	1.412 €
HYDRAULIC STEADIES		
AC00440	LUNETA HIDR SMW AUTOBL SLUBZ4 (35-245) H=400	20.833 €
AC00444	LUNETA HIDR SMW AUTOBL SLUBZ4 (35-245) H=500	20.833 €

TOOLPOSTS AND TURRETS		
PRAGATI STANDARD 8 STATION AUTOMATIC TURRET		
AC01145	8 STATION AUTOMATIC TURRET BTP100	0 €
AC01160	8 STATION AUTOMATIC TURRET BTP125	0 €
PRAGATI AUTOMATIC VDI TURRET		
AC01359	BTP100 – 8 STATIONS – VDI40	1.500 €
AC01361	BTP125 – 8 STATIONS – VDI50	1.500 €
AC01360	BTP100 – 12 STATIONS – VDI40	1.500 €
AC01362	BTP125 – 12 STATIONS – VDI50	1.500 €
MULTIFIX TOOL POST		
AC00565	MULTIFIX TURRET D1 FOR SH/STH 400	3.050 €
AC00536	MULTIFIX TURRET D2 FOR SH/STH 500	4.375 €
ALGRA QUICK CHANGE TOOL POST		
AC01117	QUICK CHANGE TOOL POST TGA-R-400 ALGRA FOR SH/STH 500	4.800 €
PRAGATI LIVE TURRET		
AC00558	LIVE TOOL TURRET 12 STATION VDI 40 PRAGATI DTT100 SH/STH 400	16.533 €
AC01029	LIVE TOOL TURRET 12 STATION VDI 40 PRAGATI DTT100 SH/STH 500	16.533 €
BARUFFALDI TURRETS FOR SH 400		
AC00563	LIVE TOOL AXIAL 12 STATIONS VDI 40 - TBHMA200-12 VDI 40 Ø 340/410	17.560 €
AC00560	LIVE TOOL RADIAL 12 STATIONS BMT65 - TBMR200-12 BMT65 KEY 365	21.780 €
AC00562	LIVE TOOL RADIAL 12 STATIONS VDI 40 - TBMR200-12 VDI 40 KEY 320	23.506 €
AC00561	LIVE TOOL RADIAL 12 STATIONS BMT65 - TBYR200-12 BMT65 KEY 365 - FOR Y AXIS	24.550 €
BARUFFALDI TURRETS FOR SH 500		
AC00534	AUTOMATIC 12 STATIONS VDI 50 - TBH250-12 VDI 50 Ø 400/480	13.211 €

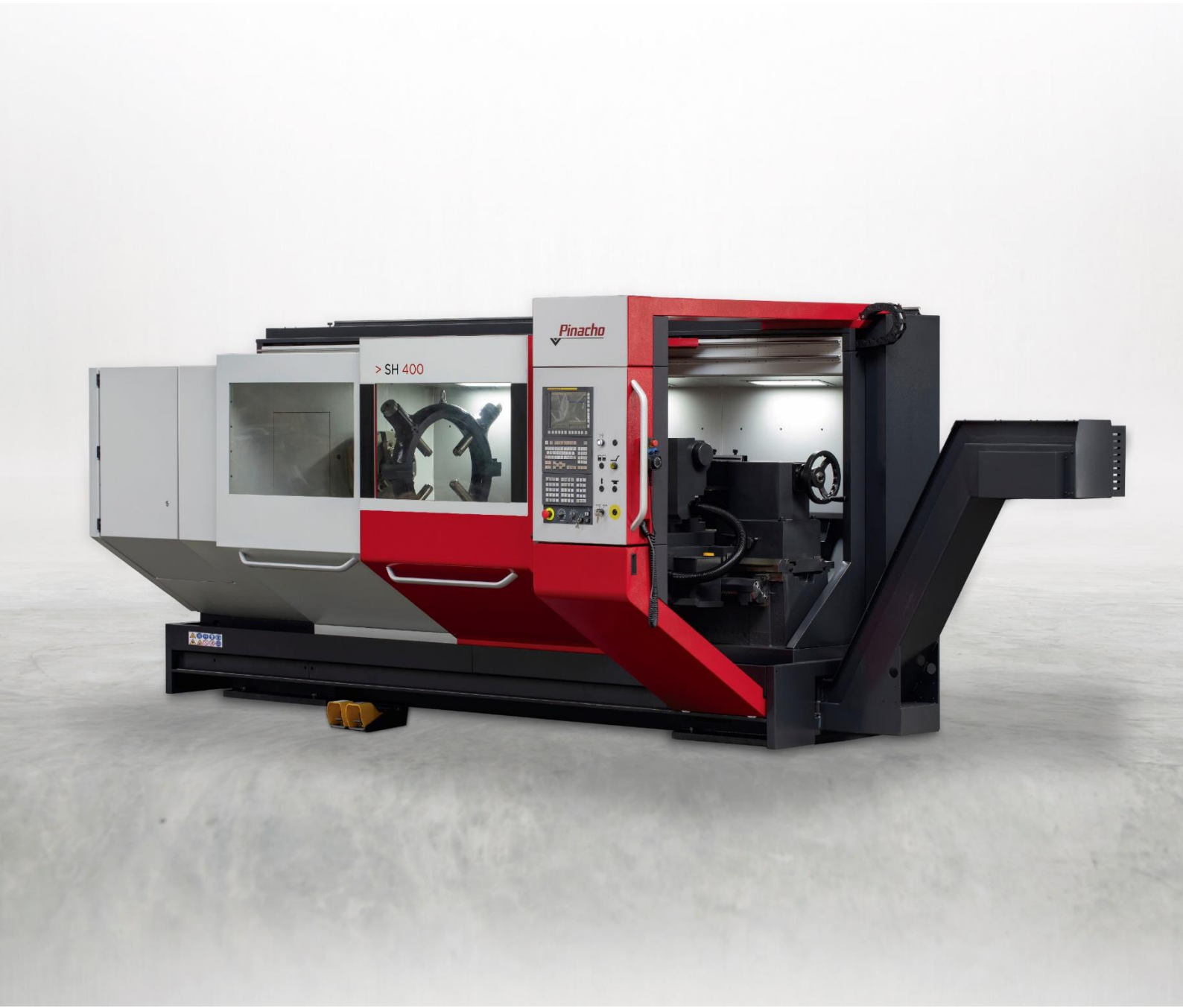
AC00533	LIVE TOOL AXIAL 8 STATIONS VDI 50 - TBHMA250-8 VDI 50 Ø 400/480	20.220 €
AC00532	LIVE TOOL AXIAL 12 STATIONS VDI 50 - TBHMA250-12 VDI 50 Ø 400/480	20.445 €
AC00530	LIVE TOOL RADIAL 12 STATIONS BMT75 - TBMR250-12 BMT75 KEY 430	27.137 €
AC00531	LIVE TOOL RADIAL 12 STATIONS VDI 50 - TBMR250-12 VDI 50 KEY 380	27.437 €
AC00529	LIVE TOOL RADIAL 12 STATIONS BMT75 - TBYR250-12 BMT75 KEY 430 - FOR Y AXIS	29.123 €
BARUFFALDI 4 STATIONS AUTOMATIC TURRET VERTICAL AXIS		
AC00564	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 210 FOR SH-STH 400	11.400 €
AC00535	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 265 FOR SH-STH 500	13.650 €
TOOL HOLDERS FOR ALGRA QCTP		
AC00625	TOOL HOLDER 1300/400 ALGRA QCTP 1000/5TGA 400R	554 €
AC00626	TOOL HOLDER 1310/400 ALGRA QCTP 1000/5TGA 400R	554 €
AC00627	TOOL HOLDER 1320/400 ALGRA QCTP 1000/5TGA 400R	837 €
AC00628	TOOL HOLDER 1340/400 ALGRA QCTP 1000/5TGA 400R	1.108 €
TOOL HOLDERS FOR PRAGATI AUTOMATIC 8 STATION TURRET		
AC00324	BORING TOOL HOLDER BTH 32-40	150 €
AC00601	BORING TOOL HOLDER BTH 32-50	150 €
AC00337	BORING TOOL HOLDER BTH 40-40	150 €
AC00338	BORING TOOL HOLDER BTH 40-50	150 €
AC00602	AXIAL TOOL HOLDER ATH 32-32	181 €
AC01039	AXIAL TOOL HOLDER ATH 40-40	181 €
VDI TOOL HOLDERS FOR PRAGATI TURRET		
AC00629	RADIAL TOOL HOLDER VDI-40 B2-40-25-44	215 €
AC00611	AXIAL TOOL HOLDER VDI-40 C2-40-25-85	280 €
AC00629	RADIAL TOOL HOLDER VDI-40 B2-40-25-44	228 €
LIVE TOOL HOLDERS VDI 40 FOR PRAGATI TURRET		
AC00212	LIVE TOOL HOLDER AXIAL ATH-40-ER 32 VDI 40	1.275 €
AC00211	LIVE TOOL HOLDER RADIAL RTH-40-ER 32 VDI 40	2.549 €
LIVE TOOL HOLDERS FOR SH 400		
AC00633	LIVE TOOL HOLDER AXIAL VDI 40 PRA-40-ER32/50-T	1.839 €
AC00634	LIVE TOOL HOLDER RADIAL VDI 40 PRR-S-40-ER-32/50-T	3.400 €
AC00635	LIVE TOOL HOLDER RADIAL BMT 65-A-ER32/50-T	1.839 €
AC00636	LIVE TOOL HOLDER AXIAL BMT 65-R-ER32/50-T-H72	3.600 €
STATIC TOOL HOLDERS FOR SH 400		
AC00629	RADIAL TOOL HOLDER VDI 40 B2-40 X 25 X 44	243 €
AC00632	RADIAL TOOL HOLDER LONGER VDI 40 B6-40 X 25 X 44	312 €
AC00637	AXIAL TOOL HOLDER VDI 40 C1-40 X 25 X 85	309 €
AC00638	BORING TOOL HOLDER VDI 40 WITH INTERNAL COOLANT E1-40 X 40	243 €
AC00631	TOOL HOLDER VDI 40 WITHOUT INTERNAL COOLANT E2-40 X 40	267 €
AC00639	AXIAL TOOL HOLDER PF-BMT65-C25 x 75	708 €
AC00640	RADIAL TOOL HOLDER PF-BMT65-E40 x 72	820 €

LIVE TOOL HOLDERS FOR SH 500		
AC00641	LIVE TOOL HOLDER AXIAL VDI 50 PRA-50-ER40/50-T	1.938 €
AC00642	LIVE TOOL HOLDER RADIAL VDI 50 PRR-S-50-ER40/50-T	3.750 €
AC00643	LIVE TOOL HOLDER RADIAL BMT 75-A-PX40/40	2.098 €
AC00644	LIVE TOOL HOLDER AXIAL BMT 75-R-PX40/40-H60	5.421 €
STATIC TOOL HOLDERS FOR SH 500		
AC00645	RADIAL TOOL HOLDER VDI 50 B2-50 X 32 X 55	339 €
AC00646	RADIAL TOOL HOLDER LONGER VDI 50 B6-50 X 32 X 55	483 €
AC00647	AXIAL TOOL HOLDER VDI 50 C1-50 X 32 X 100	387 €
AC00648	BORING TOOL HOLDER VDI 50 WITH INTERNAL COOLANT E1-50 X 50	324 €
AC00649	BORING TOOL HOLDER VDI 50 WITH INTERNAL COOLANT E1-50 X 40	324 €
AC00650	TOOL HOLDER VDI 50 WITHOUT INTERNAL COOLANT VDI 50 E2-50 X 50	345 €
AC00651	TOOL HOLDER VDI 50 WITHOUT INTERNAL COOLANT VDI 50 E2-50 X 40	312 €
MS00207	AXIAL TOOL HOLDER PF-BMT 75-C25 X 50	714 €
MS00208	RADIAL TOOL HOLDER PF-BMT 75-E60 X 60	1.152 €

OTHER OPTIONAL ACCESSORIES AND SPECIAL EXECUTIONS		
LIVE CENTRE		
MS00656	LIVE CENTRE MT6 (400-500)	433 €
BORING SLEEVES		
AC00373	BORING SLEEVE - OD Ø 50 - ID Ø16	48 €
AC00374	BORING SLEEVE - OD Ø 50 - ID Ø20	48 €
AC00375	BORING SLEEVE - OD Ø 50 - ID Ø25	48 €
AC00376	BORING SLEEVE - OD Ø 50 - ID Ø32	48 €
AC00377	BORING SLEEVE - OD Ø 50 - ID Ø40	48 €
CHIP CONVEYOR		
AC00553	CHIP CONVEYOR 1000 mm BETWEEN CENTRES	4.146 €
AC00554	CHIP CONVEYOR 2000 mm BETWEEN CENTRES	4.670 €
AC00555	CHIP CONVEYOR 3000 mm BETWEEN CENTRES	4.878 €
AC00556	CHIP CONVEYOR 4000 mm BETWEEN CENTRES	5.506 €
AC00557	CHIP CONVEYOR 5000 mm BETWEEN CENTRES	7.075 €
PACKING		
AC00288	PACKING MODEL SH/STH 400 L=1000	900 €
AC00289	PACKING MODEL SH/STH 400 L=2000	1.005 €
AC00290	PACKING MODEL SH/STH 400 L=3000	1.175 €
AC00787	PACKING MODEL SH/STH 400 L=4000	1.550 €
AC00790	PACKING MODEL SH/STH 400 L=5000	1.649 €
AC00958	PACKING MODEL SH/STH 400 L=1000 WITH CHIP CONVEYOR	1.091 €
AC00965	PACKING MODEL SH/STH 400 L=2000 WITH CHIP CONVEYOR	1.191 €
AC00966	PACKING MODEL SH/STH 400 L=3000 WITH CHIP CONVEYOR	1.325 €
AC01128	PACKING MODEL SH/STH 400 L=4000 WITH CHIP CONVEYOR	1.700 €

AC01129	PACKING MODEL SH/STH 400 L=5000 WITH CHIP CONVEYOR	1.920 €
AC01130	PACKING MODEL SH/STH 500 L=2000	1.005 €
AC01131	PACKING MODEL SH/STH 500 L=3000	1.175 €
AC01132	PACKING MODEL SH/STH 500 L=4000	1.550 €
AC01133	PACKING MODEL SH/STH 500 L=5000	1.649 €
AC01134	PACKING MODEL SH/STH 500 L=2000 WITH CHIP CONVEYOR	1.191 €
AC01135	PACKING MODEL SH/STH 500 L=3000 WITH CHIP CONVEYOR	1.325 €
AC01136	PACKING MODEL SH/STH 500 L=4000 WITH CHIP CONVEYOR	1.700 €
AC01137	PACKING MODEL SH/STH 500 L=5000 WITH CHIP CONVEYOR	1.920 €
FULLY ENCLOSURE TAILSTOCK (SHEETMETAL)		
AC00812	FULLY ENCLOSURE SHEETMETAL SH-STH400 X 1000/2000/3000/4000	2.750 €
AC00813	FULLY ENCLOSURE SHEETMETAL SH-STH400 X 5000	2.750 €
AC00761	FULLY ENCLOSURE SHEETMETAL SH-STH500 X 2000/3000/4000	2.950 €
AC00763	FULLY ENCLOSURE SHEETMETAL SH-STH500 X 5000	2.950 €
RECOMMENDED SPARE PARTS		
CONSULT	BASIC RECOMMENDED SPARE PARTS FOR SH/STH 400-105-155 500-130-155	1.810 €
CONSULT	BASIC RECOMMENDED SPARE PARTS FOR SH/STH 400-230 500-230-310	4.190 €
OTHER OPTIONS		
AC00969	6 BAR COOLANT SYSTEM	812 €
AC00970	AC PANEL COOLER	1.176 €
AC00971	ANTIVIBRATION MOUNTING UNIT SH/STH - 1 UNIT	90 €
AC01174	VERTICAL TOOL PRESETTER FOR HOLE 105-130-155	3.555 €
AC01175	VERTICAL TOOL PRESETTER FOR HOLE 230-310	3.555 €
AC00567	SOFTWARE TELEDIAGNOSIS 8055 FAGOR	425 €
AC01050	SOFTWARE SHOP TURN WITH 3D SIMULATION SIEMENS	705 €
AC01058	FANUC OI TF-MANUAL GUIDE	1.800 €
AC01118	FANUC 0i-TF ARBITRARY SPEED THREADING	1.260 €
AC00665	FANUC PORTABLE HANDWHEEL A02B-0259-C221#A/CABLE 4M	3.900 €
AC00549	REAR TOOL HOLDER Ø60 CNC400	3.555 €
AC00494	REAR TOOL HOLDER Ø100 CNC500	3.620 €

OPTIONAL EXTRAS FOR ALL PINACHO MODELS



OPTIONAL EXTRAS FOR ALL PINACHO MODELS

CHUCKS AND JAWS		
UNIVERSAL 3 JAW CHUCK (CAST IRON BODY) FITTED WITH HARD JAWS (ASA&CAMLOCK FITTING)		
AC00082	Ø 160 mm - ASA 5 (MAX. RPM - 2600, HOLE 42 mm)	705 €
AC00083	Ø 200 mm - ASA 5 (MAX. RPM - 2000, HOLE 55 mm)	825 €
AC00084	Ø 200 mm - ASA 6 (MAX. RPM - 2000, HOLE 55 mm)	843 €
AC00085	Ø 250 mm - ASA 6 (MAX. RPM - 1600, HOLE 76 mm)	1.092 €
AC01279	Ø 250 mm - ASA 8 (MAX. RPM - 1600, HOLE 76 mm)	1.115 €
AC00086	Ø 315 mm - ASA 8 (MAX. RPM - 1250, HOLE 103 mm)	1.492 €
AC00087	Ø 400 mm - ASA 8 (MAX. RPM - 1000, HOLE 136 mm) *with two-piece jaw*	2.671 €
AC00076	Ø 400 mm - ASA 11 (MAX. RPM - 1000, HOLE 155 mm) *with two-piece jaw*	2.795 €
AC00077	Ø 500 mm (MAX. RPM - 800, HOLE CAPACITY - 190)	4.550 €
AC00080	Ø 500 mm (MAX. RPM - 800, HOLE CAPACITY - 230)	3.900 €
AC00081	Ø 630 mm (MAX. RPM - 650, HOLE CAPACITY - 252)	7.200 €
AC01278	Ø 630 mm (MAX. RPM - 650, HOLE CAPACITY - 310)	7.600 €
AC00097	Ø 160 mm - CAMLOCK D1-5 (MAX. RPM - 2600, HOLE 42 mm)	705 €
AC00098	Ø 200 mm - CAMLOCK D1-5 (MAX. RPM - 2000, HOLE 55 mm)	825 €
AC01294	Ø 200 mm - CAMLOCK D1-6 (MAX. RPM - 2000, HOLE 55 mm)	843 €
AC01295	Ø 250 mm - CAMLOCK D1-6 (MAX. RPM - 1600, HOLE 76 mm)	1.092 €
AC01296	Ø 250 mm - CAMLOCK D1-8 (MAX. RPM - 1600, HOLE 76 mm)	1.115 €
AC01297	Ø 315 mm - CAMLOCK D1-8 (MAX. RPM - 1250, HOLE 103 mm)	1.492 €
AC00101	Ø 400 mm - CAMLOCK D1-8 (MAX. RPM - 1000, HOLE 136 mm) *with two-piece jaw*	2.100 €
UNIVERSAL 4 JAW CHUCK (CAST IRON BODY) FITTED WITH HARD JAWS (ASA&CAMLOCK FITTING)		
AC01303	Ø 160 mm - ASA 5 (MAX. RPM - 2600, HOLE 42 mm)	952 €
AC00141	Ø 200 mm - ASA 5 (MAX. RPM - 2000, HOLE 55 mm)	1.090 €
AC01304	Ø 200 mm - ASA 6 (MAX. RPM - 2000, HOLE 55 mm)	1.110 €
AC01305	Ø 250 mm - ASA 6 (MAX. RPM - 1600, HOLE 76 mm)	1.518 €
AC01306	Ø 250 mm - ASA 8 (MAX. RPM - 1600, HOLE 76 mm)	1.543 €
AC01307	Ø 315 mm - ASA 8 (MAX. RPM - 1250, HOLE 103 mm)	2.031 €
AC01308	Ø 400 mm - ASA 8 (MAX. RPM - 1000, HOLE 136 mm) *with two-piece jaw*	3.624 €
AC00140	Ø 400 mm ASA 11 (MAX. RPM - 1000, HOLE 136mm.)	3.749 €
AC01298	Ø 400 mm ASA 11 (MAX. RPM - 1000, HOLE 155mm)	3.749 €
AC01299	Ø 500 mm ASA 11 (MAX. RPM - 800, HOLE 190mm)	6.600 €
AC01300	Ø 500 mm ASA 15 (MAX. RPM - 800, HOLE 230mm.)	6.800 €
AC01301	Ø 630 mm ASA 15 (MAX. RPM - 650, HOLE 252mm.)	9.990 €
AC01302	Ø 630 mm ASA 20 (MAX. RPM - 650, HOLE 310mm.)	10.100 €
AC01329	Ø 160 mm - CAMLOCK D1-5 (MAX. RPM - 2600, HOLE 42 mm)	750 €
AC01330	Ø 200 mm - CAMLOCK D1-5 (MAX. RPM - 2000, HOLE 55 mm)	850 €
AC01121	Ø 200 mm - CAMLOCK D1-6 (MAX. RPM - 2000, HOLE 55 mm)	860 €
AC01331	Ø 250 mm - CAMLOCK D1-6 (MAX. RPM - 1600, HOLE 76 mm)	1.150 €

OPTIONAL EXTRAS FOR ALL PINACHO MODELS

AC00142	Ø 250 mm - CAMLOCK D1-8 (MAX. RPM - 1600, HOLE 76 mm)	1.170 €
AC01332	Ø 315 mm - CAMLOCK D1-8 (MAX. RPM - 1250, HOLE 103 mm)	1.570 €
AC01333	Ø 400 mm - CAMLOCK D1-8 (MAX. RPM - 1000, HOLE 136 mm) *with two-piece jaw*	3.150 €
INDEPENDENT 4 JAW CHUCK FITTED WITH HARD JAWS (ASA&CAMLOCK FITTING)		
AC01249	Ø 250 mm - ASA 5 (MAX. RPM - 1585, HOLE 65 mm)	686 €
AC00117	Ø 250 mm - ASA 6 (MAX. RPM - 1585, HOLE 65 mm)	686 €
AC00116	Ø 300 mm - ASA 5 (MAX. RPM - 1320, HOLE 75 mm)	875 €
AC01250	Ø 300 mm - ASA 6 (MAX. RPM - 1320, HOLE 75 mm)	875 €
AC01251	Ø 400 mm - ASA 6 (MAX. RPM - 990, HOLE 125 mm)	1.251 €
AC00118	Ø 400 mm - ASA 8 (MAX. RPM - 990, HOLE 125 mm)	1.276 €
AC00119	Ø 500 mm - ASA 8 (MAX. RPM - 790, HOLE 160 mm)	1.860 €
AC00115	Ø 500 mm - ASA 11 (MAX. RPM - 790, HOLE 160 mm)	2.021 €
AC01245	Ø 630 mm - ASA 11 (MAX. RPM - 630, HOLE 180 mm)	2.857 €
AC01246	Ø 630 mm ASA 15 (MAX. RPM - 545, HOLE 230mm)	3.043 €
AC01247	Ø 800 mm ASA 15 (MAX. RPM - 450, HOLE 230mm)	4.977 €
AC01248	Ø 800 mm ASA 20 (MAX. RPM - 450, HOLE 310mm)	6.400 €
AC00121	Ø 250 mm - CAMLOCK D1-5 (MAX. RPM - 1585, HOLE 65 mm)	686 €
AC00122	Ø 300 mm - CAMLOCK D1-5 (MAX. RPM - 1320, HOLE 75 mm)	750 €
AC00123	Ø 250 mm - CAMLOCK D1-6 (MAX. RPM - 1585, HOLE 65 mm)	686 €
AC00124	Ø 300 mm - CAMLOCK D1-6 (MAX. RPM - 1320, HOLE 75 mm)	875 €
AC00125	Ø 400 mm - CAMLOCK D1-6 (MAX. RPM - 990, HOLE 125 mm)	1.251 €
AC00129	Ø 400 mm - CAMLOCK D1-8 (MAX. RPM - 990, HOLE 125 mm)	1.276 €
AC00130	Ø 500 mm - CAMLOCK D1-8 (MAX. RPM - 790, HOLE 160 mm)	1.940 €
UNIVERSAL 3 JAW CHUCK (STEEL BODY) FITTED WITH HARD JAWS (ASA&CAMLOCK FITTING)		
AC01284	Ø 160 mm - ASA 5 (MAX. RPM - 3900, HOLE 42 mm)	866 €
AC01119	Ø 200 mm - ASA 5 (MAX. RPM - 3200, HOLE 55 mm)	1.172 €
AC00090	Ø 200 mm - ASA 6 (MAX. RPM - 3200, HOLE 55 mm)	990 €
AC01285	Ø 250 mm - ASA 6 (MAX. RPM - 2500, HOLE 76 mm)	1.310 €
AC01286	Ø 250 mm - ASA 8 (MAX. RPM - 2500, HOLE 76 mm)	1.333 €
AC01287	Ø 315 mm - ASA 8 (MAX. RPM - 2000, HOLE 103 mm)	1.934 €
AC00092	Ø 400 mm - ASA 8 (MAX. RPM - 1600, HOLE 136 mm) *with two-piece jaw*	3.499 €
AC00089	Ø 500 mm ASA 8 (MAX. RPM - 1200, HOLE 190mm)	3.624 €
AC01280	Ø 500 mm ASA 11 (MAX. RPM - 1200, HOLE 190mm)	6.300 €
AC01281	Ø 500 mm ASA 15 (MAX. RPM - 1200, HOLE 230mm)	6.500 €
AC01282	Ø 630 mm ASA 15 (MAX. RPM - 1000, HOLE 252mm)	9.650 €
AC01283	Ø 630 mm ASA 20 (MAX. RPM - 1000, HOLE 310mm)	9.900 €
AC00093	Ø 160 mm - CAMLOCK D1-5 (MAX. RPM - 3900, HOLE 42 mm)	866 €
AC01289	Ø 200 mm - CAMLOCK D1-5 (MAX. RPM - 3200, HOLE 55 mm)	972 €
AC01290	Ø 200 mm - CAMLOCK D1-6 (MAX. RPM - 3200, HOLE 55 mm)	990 €
AC01291	Ø 250 mm - CAMLOCK D1-6 (MAX. RPM - 2500, HOLE 76 mm)	1.333 €
AC01120	Ø 250 mm - CAMLOCK D1-8 (MAX. RPM - 2500, HOLE 76 mm)	1.390 €
AC01292	Ø 315 mm - CAMLOCK D1-8 (MAX. RPM - 2000, HOLE 103 mm)	1.934 €

OPTIONAL EXTRAS FOR ALL PINACHO MODELS

AC01293	Ø 400 mm - CAMLOCK D1-8 (MAX. RPM - 1600, HOLE 136 mm) *with two-piece jaw*	2.800 €
UNIVERSAL 4 JAW CHUCK (STEEL BODY) FITTED WITH HARD JAWS (ASA&CAMLOCK FITTING)		
AC01314	Ø 160 mm - ASA 5 (MAX. RPM - 3900, HOLE 42 mm)	1.199 €
AC01315	Ø 200 mm - ASA 5 (MAX. RPM - 3200, HOLE 55 mm)	1.460 €
AC01316	Ø 200 mm - ASA 6 (MAX. RPM - 3200, HOLE 55 mm)	1.480 €
AC01317	Ø 250 mm - ASA 6 (MAX. RPM - 2500, HOLE 76 mm)	1.887 €
AC01318	Ø 250 mm - ASA 8 (MAX. RPM - 2500, HOLE 76 mm)	1.913 €
AC01319	Ø 315 mm - ASA 8 (MAX. RPM - 2000, HOLE 103 mm)	2.768 €
AC01320	Ø 400 mm - ASA 8 (MAX. RPM - 1600, HOLE 136 mm) *with two-piece jaw*	4.816 €
AC01309	Ø 400 mm - ASA 11 (MAX. RPM - 1600, HOLE 155 mm) *with two-piece jaw*	4.941 €
AC01310	Ø 500 mm ASA 11 (MAX. RPM - 1200, HOLE 190mm)	8.645 €
AC01311	Ø 500 mm ASA 15 (MAX. RPM - 1200, HOLE 230mm)	8.785 €
AC01312	Ø 630 mm ASA 15 (MAX. RPM - 1000, HOLE 252mm)	15.160 €
AC01313	Ø 630 mm ASA 20 (MAX. RPM - 1000, HOLE 310mm)	15.208 €
AC01321	Ø 160 mm - CAMLOCK D1-5 (MAX. RPM - 3900, HOLE 42 mm)	1.199 €
AC01322	Ø 200 mm - CAMLOCK D1-5 (MAX. RPM - 3200, HOLE 55 mm)	1.460 €
AC01323	Ø 200 mm - CAMLOCK D1-6 (MAX. RPM - 3200, HOLE 55 mm)	1.480 €
AC01324	Ø 250 mm - CAMLOCK D1-6 (MAX. RPM - 2500, HOLE 76 mm)	1.887 €
AC01326	Ø 315 mm - CAMLOCK D1-6 (MAX. RPM - 2000, HOLE 103 mm)	1.913 €
AC01327	Ø 250 mm - CAMLOCK D1-8 (MAX. RPM - 2500, HOLE 76 mm)	2.768 €
AC01328	Ø 315 mm -CAMLOCK D1-8 (MAX. RPM - 2000, HOLE 103 mm)	4.816 €
AC01314	Ø 400 mm - CAMLOCK D1-8 (MAX. RPM - 1600, HOLE 136 mm) *with two-piece jaw*	1.199 €
BACK PLATE (ASA&CAMLOCK FITTING) FOR 3 JAW UNIVERSAL CHUCK		
AC00221	Ø 160 mm A2-5	235 €
AC00222	Ø 200 mm A2-5	262 €
AC00223	Ø 250 mm A2-5	279 €
AC01222	Ø 200 mm A2-6	357 €
AC01224	Ø 250 mm A2-6	378 €
AC00002	Ø 315 mm A2-6	418 €
AC00227	Ø 250 mm A2-8	607 €
AC00226	Ø 315 mm A2-8	452 €
AC00001	Ø 400 mm A2-8	650 €
AC01213	Ø 500 mm A2-8	921 €
AC01215	Ø 315 mm A2-11	700 €
AC01216	Ø 400 mm A2-11	970 €
AC01217	Ø 500 mm A2-11	1.430 €
AC01226	Ø 400 mm A2-15	285 €
AC01227	Ø 500 mm A2-15	300 €
AC01229	Ø 630 mm A2-11	320 €
AC01230	Ø 630 mm A2-15	380 €
AC01232	Ø 800 mm A2-15	400 €
AC01233	Ø 800 mm A2-20	460 €

OPTIONAL EXTRAS FOR ALL PINACHO MODELS

AC01234	Ø 160 mm CAMLOCK D1-5	642 €
AC00221	Ø 200 mm CAMLOCK D1-5	235 €
AC00222	Ø 250 mm CAMLOCK D1-5	262 €
AC00223	Ø 200 mm CAMLOCK D1-6	279 €
AC01222	Ø 250 mm CAMLOCK D1-6	357 €
AC01224	Ø 315 mm CAMLOCK D1-6	378 €
AC00002	Ø 250 mm CAMLOCK D1-8	418 €
AC00227	Ø 315 mm CAMLOCK D1-8	607 €
AC00226	Ø 400 mm CAMLOCK D1-8	452 €
AC00001	Ø 500 mm CAMLOCK D1-8	650 €
BACK PLATE (ASA FITTING) FOR 4 JAW UNIVERSAL CHUCK		
AC01204	Ø 160 mm A2-5	235 €
AC01205	Ø 200 mm A2-5	262 €
AC01207	Ø 200 mm A2-6	279 €
AC01206	Ø 250 mm A2-5	338 €
AC01208	Ø 250 mm A2-6	357 €
AC01210	Ø 250 mm A2-8	378 €
AC01209	Ø 315 mm A2-6	401 €
AC01047	Ø 315 mm A2-8	418 €
AC01201	Ø 315 mm A2-11	455 €
AC01211	Ø 400 mm A2-8	607 €
AC01202	Ø 400 mm A2-11	650 €
AC01212	Ø 500 mm A2-8	897 €
AC01203	Ø 500 mm A2-11	921 €
BACK PLATE (ASA FITTING) FOR 4 JAW INDEPENDENT CHUCK		
AC01238	Ø 250 mm - ASA 5	270 €
AC01240	Ø 250 mm - ASA 6	280 €
AC01239	Ø 300 mm - ASA 5	338 €
AC01241	Ø 300 mm - ASA 6	357 €
AC01102	Ø 400 mm - ASA 6	540 €
AC01242	Ø 400 mm - ASA 8	555 €
AC01243	Ø 500 mm - ASA 8	690 €
AC01236	Ø 500 mm - ASA 11	730 €
AC01244	Ø 630 mm - ASA 8	897 €
AC01237	Ø 630 mm - ASA 11	921 €
FACE PLATE (ASA&CAMLOCK FITTING)		
AC01261	Ø 160 mm A2-5	390 €
AC00005	Ø 200 mm A2-5	465 €
AC01262	Ø 250 mm A2-5	580 €
AC01263	Ø 200 mm A2-6	470 €
AC01264	Ø 250 mm A2-6	580 €
AC01266	Ø 250 mm A2-8	605 €

OPTIONAL EXTRAS FOR ALL PINACHO MODELS

AC01265	Ø 315 mm A2-6	665 €
AC00008	Ø 315 mm A2-8	699 €
AC01252	Ø 315 mm A2-11	785 €
AC01267	Ø 400 mm A2-8	930 €
AC01253	Ø 400 mm A2-11	960 €
AC00009	Ø 500 mm A2-8	1.220 €
AC01254	Ø 500 mm A2-11	1.325 €
AC01256	Ø 400 mm A2-15	1.400 €
AC01257	Ø 500 mm A2-15	1.570 €
AC01255	Ø 630 mm A2-11	1.990 €
AC01258	Ø 630 mm A2-15	2.100 €
AC01259	Ø 800 mm A2-15	3.200 €
AC01260	Ø 800 mm A2-20	3.300 €
AC01269	Ø 160 mm CAMLOCK D1-5	425 €
AC01270	Ø 200 mm CAMLOCK D1-5	475 €
AC01271	Ø 250 mm CAMLOCK D1-5	550 €
AC01272	Ø 200 mm CAMLOCK D1-6	490 €
AC01273	Ø 250 mm CAMLOCK D1-6	550 €
AC01274	Ø 315 mm CAMLOCK D1-6	710 €
AC01275	Ø 250 mm CAMLOCK D1-8	570 €
AC01276	Ø 315 mm CAMLOCK D1-8	725 €
AC00011	Ø 400 mm CAMLOCK D1-8	1.020 €
AC01277	Ø 500 mm CAMLOCK D1-8	1.550 €
DRIVING PLATE (ASA&CAMLOCK FITTING)		
AC01183	Ø 160 mm A2-5	315 €
AC00214	Ø 200 mm A2-5	315 €
AC01184	Ø 250 mm A2-5	360 €
AC01185	Ø 200 mm A2-6	350 €
AC00004	Ø 250 mm A2-6	377 €
AC01186	Ø 315 mm A2-6	510 €
AC01187	Ø 250 mm A2-8	398 €
AC01188	Ø 315 mm A2-8	510 €
AC01189	Ø 400 mm A2-8	730 €
AC01190	Ø 500 mm A2-8	927 €
AC01180	Ø 315 mm A2-11	550 €
AC01181	Ø 400 mm A2-11	740 €
AC01182	Ø 500 mm A2-11	951 €
AC01191	Ø 160 mm CAMLOCK D1-5	330 €
AC01192	Ø 200 mm CAMLOCK D1-5	376 €
AC01193	Ø 250 mm CAMLOCK D1-5	435 €
AC01194	Ø 200 mm CAMLOCK D1-6	399 €
AC01195	Ø 250 mm CAMLOCK D1-6	445 €

OPTIONAL EXTRAS FOR ALL PINACHO MODELS

AC01196	Ø 315 mm CAMLOCK D1-6	490 €
AC01197	Ø 250 mm CAMLOCK D1-8	490 €
AC01198	Ø 315 mm CAMLOCK D1-8	520 €
AC01199	Ø 400 mm CAMLOCK D1-8	725 €
AC01200	Ø 500 mm CAMLOCK D1-8	980 €
LATHE DOGS		
MS01409	SET OF LATHE DOGS (25 mm)	228 €
MS01410	SET OF LATHE DOGS (35 mm)	230 €
MS01411	SET OF LATHE DOGS (45 mm)	232 €
MS01412	SET OF LATHE DOGS (55 mm)	234 €
AC00167	SET OF LATHE DOGS (25-35-45-55 mm)	924 €
COLLET CHUCK AND COLLETS		
AC00164	COLLET CHUCK CAP 4-25	431 €
AC00165	COLLET CHUCK CAP 4-40	510 €
AC00166	COLLET CHUCK CAP 4-60	623 €
CONSULTAR	COLLET (EACH) - CONSULTAR	109 €
SET OF SOFT JAWS MONOBLOK FOR UNIVERSAL 3 JAW CHUCK		
AC00033	Diam. Ø 160 mm	96 €
AC00035	Diam. Ø 200 mm	112 €
AC00037	Diam. Ø 250 mm	148 €
AC00039	Diam. Ø 315 mm	253 €
AC00239	Diam. Ø 400 mm	338 €
SET OF INTERNAL HARD JAWS FOR UNIVERSAL 3 JAW CHUCK		
AC00020	Diam. Ø 160 mm	173 €
AC00023	Diam. Ø 200 mm	189 €
AC00026	Diam. Ø 250 mm	260 €
AC01068	Diam. Ø 315 mm	424 €
AC00390	Diam. Ø 400 mm	535 €
SET OF EXTERNAL HARD JAWS FOR UNIVERSAL 3 JAW CHUCK		
AC00013	Diam. Ø 160 mm	173 €
AC00014	Diam. Ø 200 mm	189 €
AC00015	Diam. Ø 250 mm	260 €
AC00016	Diam. Ø 315 mm	424 €
AC00018	Diam. Ø 400 mm	535 €
SET OF BASE JAWS FOR UNIVERSAL 3 JAW CHUCK		
AC00272	Diam. Ø 160 mm	204 €
AC00041	Diam. Ø 200 mm	247 €
AC00043	Diam. Ø 250 mm	286 €
AC00044	Diam. Ø 315 mm	434 €
AC00294	Diam. Ø 400 mm	516 €

OPTIONAL EXTRAS FOR ALL PINACHO MODELS

HARD TOP JAWS FOR UNIVERSAL 3 JAW CHUCK		
AC00051	Diam. Ø 160mm	255 €
AC01074	Diam. Ø 200mm	289 €
AC00052	Diam. Ø 250mm	345 €
AC00053	Diam. Ø 315mm	429 €
AC00402	Diam. Ø 400mm	571 €
SOFT TOP JAWS FOR UNIVERSAL 3 JAW CHUCK		
AC01085	Diam. Ø 160mm	118 €
AC01091	Diam. Ø 200mm	129 €
AC01092	Diam. Ø 250mm	177 €
AC01093	Diam. Ø 315mm	248 €
AC00050	Diam. Ø 400mm	367 €
SET OF SOFT JAWS MONOBLOK FOR UNIVERSAL 4 JAW CHUCK		
AC00267	Diam. Ø 160 mm	174 €
AC00057	Diam. Ø 200 mm	210 €
AC00058	Diam. Ø 250 mm	271 €
AC00270	Diam. Ø 315 mm	379 €
AC00416	Diam. Ø 400 mm	473 €
SET OF INTERNAL HARD JAWS FOR UNIVERSAL 4 JAW CHUCK		
AC00261	Diam. Ø 160 mm	253 €
AC00056	Diam. Ø 200 mm	275 €
AC00262	Diam. Ø 250 mm	340 €
AC00263	Diam. Ø 315 mm	555 €
AC00412	Diam. Ø 400 mm	708 €
SET OF EXTERNAL HARD JAWS FOR UNIVERSAL 4 JAW CHUCK		
AC01069	Diam. Ø 160 mm	253 €
AC01070	Diam. Ø 200 mm	275 €
AC00264	Diam. Ø 250 mm	340 €
AC00265	Diam. Ø 315 mm	555 €
AC00408	Diam. Ø 400 mm	708 €
SET OF BASE JAWS FOR UNIVERSAL 4 JAW CHUCK		
AC01071	Diam. Ø 160 mm	284 €
AC01072	Diam. Ø 200 mm	320 €
AC00275	Diam. Ø 250 mm	385 €
AC01073	Diam. Ø 315 mm	582 €
AC00420	Diam. Ø 400 mm	743 €
HARD TOP JAWS FOR UNIVERSAL 4 JAW CHUCK		
AC01075	Diam. Ø 160mm	354 €
AC01076	Diam. Ø 200mm	421 €
AC01077	Diam. Ø 250mm	485 €
AC01078	Diam. Ø 315mm	613 €
AC00427	Diam. Ø 400mm	763 €

OPTIONAL EXTRAS FOR ALL PINACHO MODELS

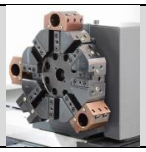
SOFT TOP JAWS FOR UNIVERSAL 4 JAW CHUCK		
AC01094	Diam. Ø 160mm	146 €
AC01095	Diam. Ø 200mm	165 €
AC01096	Diam. Ø 250mm	234 €
AC01097	Diam. Ø 315mm	335 €
AC00424	Diam. Ø 400mm	475 €

HYDRAULIC KIT		
POWERPACK UNIT		
MS00579	HYDRAULIC POWERPACK 2 OUTPUTS	1.710 €
MS00580	HYDRAULIC POWERPACK 3 OUTPUTS	1.856 €
SET OF SOFT JAW FOR HYDRAULIC CHUCK		
AC00282	JUEGO 3 GARRAS BLANDAS PL HIDR Ø 160 mm	80 €
AC00283	JUEGO 3 GARRAS BLANDAS PL HIDR Ø 210 mm	97 €
AC00284	JUEGO 3 GARRAS BLANDAS PL HIDR Ø 250 mm	117 €
AC00285	JUEGO 3 GARRAS BLANDAS PL HIDR Ø 310 mm	153 €
SET OF HARD JAW FOR HYDRAULIC CHUCK		
AC00291	JUEGO 3 GARRAS DURAS PL HIDR GARRA Ø 160 mm	360 €
AC00962	JUEGO 3 GARRAS DURAS PL HIDR GARRA Ø 210 mm	469 €
AC00963	JUEGO 3 GARRAS DURAS PL HIDR GARRA Ø 250 mm	553 €
AC00292	JUEGO 3 GARRAS DURAS PL HIDR GARRA Ø 310 mm	727 €
AC00293	JUEGO 3 GARRAS DURAS PL HIDR GARRA Ø 400 mm	886 €
AC00973	JUEGO 3 GARRAS DURAS PL HIDR GARRA Ø 500 mm	1.186 €

STEADIES		
AC00825	FIXED STEADY REST H200 B250 CAPACITY Ø (10 - 125)	230 €
AC00860	ARM SET WITH ROLLERS H200 B250 CAPACITY Ø (10 - 125)	267 €
AC00174	FIXED STEADY REST H200 B250 LARGE CAPACITY Ø (110 - 200)	300 €
AC00869	ARM SET WITH ROLLERS H200 B250 LARGE CAPACITY Ø (110 - 200)	267 €
AC00169	FIXED STEADY REST H250 B300 CAPACITY Ø (10 - 140)	256 €
AC00861	ARM SET WITH ROLLERS H250 B300 CAPACITY Ø (10 - 140)	267 €
AC00845	FIXED STEADY REST H250 B300 LARGE CAPACITY Ø (140 - 300)	483 €
AC00870	ARM SET WITH ROLLERS H250 B300 LARGE CAPACITY Ø (140 - 300)	267 €
AC00170	FIXED STEADY REST H325 B350 CAPACITY Ø (10 - 180)	333 €
AC00862	ARM SET WITH ROLLERS H325 B350 CAPACITY Ø (10 - 180)	267 €
AC00837	FIXED STEADY REST H325 B350 LARGE CAPACITY Ø (180 - 400)	871 €
AC00871	ARM SET WITH ROLLERS H325 B350 LARGE CAPACITY Ø (180 - 400)	267 €
AC00181	FOLLOW REST H200 B250 CAPACITY Ø (10 - 80)	192 €
AC00878	ARM SET WITH ROLLERS H200 B250 CAPACITY Ø (10 - 80)	267 €

OPTIONAL EXTRAS FOR ALL PINACHO MODELS

AC01098	FOLLOW REST H250 B300 CAPACITY Ø (10 - 100)	230 €
AC00879	ARM SET WITH ROLLERS H250 B300 CAPACITY Ø (10 - 100)	267 €
AC00183	FOLLOW REST H325 B350 CAPACITY Ø (10 - 140)	256 €
AC00880	ARM SET WITH ROLLERS H325 B350 CAPACITY Ø (10 - 140)	267 €

TOOLSPOST AND TURRETS		
TOOL HOLDERS FOR MH-90 TOOL POST		
AC00700	NORMAL TOOL HOLDER PN-90	112 €
AC00701	TOOL HOLDER IN V PV-90	139 €
AC00702	BAR TOOL HOLDER PB-90	212 €
AC00703	CONE TOOL HOLDER PCM-90	167 €
TOOL HOLDERS FOR MH-115 TOOL POST		
AC00696	NORMAL TOOL HOLDER PN-115	142 €
AC00697	TOOL HOLDER IN V PV-115	176 €
AC00698	BAR TOOL HOLDER PB-115	316 €
AC00699	CONE TOOL HOLDER PCM-115	211 €
TOOL HOLDERS FOR MH-130 TOOL POST		
AC00692	NORMAL TOOL HOLDER PN-130 DE 30	162 €
AC00704	NORMAL TOOL HOLDER PN-130 DE 36	165 €
AC00693	TOOL HOLDER IN V PV-130	192 €
AC00694	BAR TOOL HOLDER PB-130	429 €
AC00695	CONE TOOL HOLDER PCM-130 CM3	253 €
AC00705	CONE TOOL HOLDER PCM-130 CM4	294 €
VDI-16 TOOL HOLDERS		
AC00573	TOOL HOLDER VDI-16 (E2 16-6)	145 €
AC00574	TOOL HOLDER VDI-16 (E2 16-8)	145 €
AC00575	TOOL HOLDER VDI-16 (E2 16-12)	145 €
AC00576	TOOL HOLDER VDI-16 (E2 16-16)	145 €
AC00577	TOOL HOLDER AXIAL VDI-16 C2-16-12-44	120 €
AC00578	TOOL HOLDER RADIAL VDI-16 B2-16-12-24	96 €
VDI-20 TOOL HOLDERS		
AC00579	TOOL HOLDER VDI-20 (E2 20-8)	111 €
AC00580	TOOL HOLDER VDI-20 (E2 20-10)	111 €
AC00581	TOOL HOLDER VDI-20 (E2 20-12)	111 €
AC00582	TOOL HOLDER VDI-20 (E2 20-16)	111 €
AC00583	TOOL HOLDER VDI-20 (E2 20-20)	111 €
AC00584	TOOL HOLDER VDI-20 (E2 20-25)	111 €
AC00585	TOOL HOLDER AXIAL VDI-20 C2-20-16-55	130 €
AC00586	TOOL HOLDER RADIAL VDI-20 B2-20-16-30	105 €

OPTIONAL EXTRAS FOR ALL PINACHO MODELS

VDI-30 TOOL HOLDERS		
AC00589	TOOL HOLDER VDI-30 (E2 30-8)	107 €
AC00590	TOOL HOLDER VDI-30 (E2 30-10)	107 €
AC01113	TOOL HOLDER VDI-30 (E2 30-12)	107 €
AC01114	TOOL HOLDER VDI-30 (E2 30-16)	107 €
AC01122	TOOL HOLDER VDI-30 (E2 30-20)	107 €
AC01123	TOOL HOLDER VDI-30 (E2 30-25)	107 €
AC01124	TOOL HOLDER VDI-30 (E2 30-32)	107 €
AC00596	TOOL HOLDER AXIAL VDI-30 C2-30-20-70	138 €
AC00597	TOOL HOLDER RADIAL VDI-30 B2-30-20-40	101 €
VDI-40 TOOL HOLDERS		
AC00603	TOOL HOLDER VDI-40 (E2 40-8)	122 €
AC00604	TOOL HOLDER VDI-40 (E2 40-10)	122 €
AC00605	TOOL HOLDER VDI-40 (E2 40-12)	122 €
AC00606	TOOL HOLDER VDI-40 (E2 40-16)	122 €
AC00607	TOOL HOLDER VDI-40 (E2 40-20)	122 €
AC01125	TOOL HOLDER VDI-40 (E2 40-25)	122 €
AC01127	TOOL HOLDER VDI-40 (E2 40-32)	122 €
AC00631	TOOL HOLDER VDI-40 (E2 40-40)	122 €
AC00611	TOOL HOLDER AXIAL VDI-40 C2-40-25-85	143 €
AC00629	TOOL HOLDER RADIAL VDI-40 B2-40-25-44	113 €

OTHER OPTIONS		
ELECTRICAL TRANSFORMER		
AC00668	ELECTRICAL TRANSFORMER 220/400/440 7kVA	296 €
AC00669	ELECTRICAL TRANSFORMER 220/400/440 9kVA	347 €
AC00670	ELECTRICAL TRANSFORMER 220/400/440 12kVA	383 €
AC00671	ELECTRICAL TRANSFORMER 220/400/440 15kVA	435 €
AC00672	ELECTRICAL TRANSFORMER 220/400/440 20kVA	509 €
AC00673	ELECTRICAL TRANSFORMER 220/400/440 25kVA	593 €
AC00674	ELECTRICAL TRANSFORMER 220/400/440 30kVA	685 €
AC00675	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 7kVA	385 €
AC00676	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 9kVA	455 €
AC00677	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 12kVA	505 €
AC00678	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 15kVA	576 €
AC00679	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 20kVA	676 €
AC00680	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 25kVA	792 €
AC00681	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 30kVA	916 €
AC00682	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 7kVA	385 €
AC00683	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 9kVA	456 €
AC00684	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 12kVA	505 €

OPTIONAL EXTRAS FOR ALL PINACHO MODELS

AC00685	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 15kVA	576 €
AC00686	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 20kVA	676 €
AC00687	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 25kVA	792 €
AC00688	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 30kVA	916 €
CHIP CONVEYOR SE/ST		
AC00896	CHIP CONVEYOR 750 mm BETWEEN POINTS	3.242 €
AC00897	CHIP CONVEYOR 1000 mm BETWEEN POINTS	3.346 €
AC00202	CHIP CONVEYOR 1500 mm BETWEEN POINTS	3.660 €
AC00895	CHIP CONVEYOR 2000 mm BETWEEN POINTS	3.870 €
AC01015	CHIP CONVEYOR 3000 mm BETWEEN POINTS	4.078 €
LIVE CENTER		
MS00654	LIVE CENTER MT4	113 €
MS00655	LIVE CENTER MT5	170 €
SPECIAL LIVE CENTER		
AC00944	LIVE CENTRES - LONG NOSE MT4	163 €
AC00252	LIVE CENTRES - LONG NOSE MT5	221 €
AC00946	LIVE CENTRES - HEAVY DUTY MT4	212 €
AC00947	LIVE CENTRES - HEAVY DUTY MT5	258 €

CAM SOFTWARE		
AC01065	Gibbs CAM XZ	4.000 €
AC01066	Gibbs CAM XZ C	8.000 €
AC01067	Gibbs CAM XZ CY	9.850 €
AC01062	Postprocessor for Gibbs CAM XZ	600 €
AC01063	Postprocessor for Gibbs CAM XZ C	800 €
AC01064	Postprocessor for Gibbs CAM XZ CY	1.000 €
AC01061	Educational license Gibbs CAM	500 €
AC01146	3D MODEL SIMPLIFIED CAM	1.000 €

MAINTENANCE CONTRACT		
MT00001	MAINTENANCE CONTRACT ML	1.250 €
MT00002	MAINTENANCE CONTRACT SE	2.450 €
MT00004	MAINTENANCE CONTRACT ST	2.600 €
MT00006	MAINTENANCE CONTRACT SH	3.950 €

All prices are valid unless there are typographical errors. METOSA reserves the right to change the prices at any time without notice.

MANUAL CHUCKS COMPATIBILITY

		PINACHO																								
		ML200	ML250		ML325			SE200	SE250		SE325			ST180	ST225	ST285	ST310		SH400			SH500				
		42	58	105	80	105	155	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310	
	UNIVERSAL 3 JAW CHUCK (CAST IRON BODY) FITTED WITH HARD JAWS																									
AC00082	PLATO UNIV. 3G ASA5 Ø 160 mm 2600RPM I.D.42 mm	●						●						●												
AC00083	PLATO UNIV. 3G ASA5 Ø 200 mm 2000RPM I.D.55 mm	●						●						●												
AC00084	PLATO UNIV. 3G ASA6 Ø 200 mm 2000RPM I.D.55 mm		●						●						●											
AC00085	PLATO UNIV. 3G ASA6 Ø 250 mm 1600RPM I.D.76 mm		●						●						●											
AC01279	PLATO UNIV. 3G ASA8 Ø 250 mm 1600RPM I.D.76 mm			●	●	●				●	●	●				●	●		●							
AC00086	PLATO UNIV. 3G ASA8 Ø 315 mm 1250RPM I.D.103 mm			●	●	●				●	●	●				●	●		●							
AC00087	PLATO UNIV. 3G ASA8 Ø 400 1000RPM I.D.136 mm					●						●					●		●							
AC00076	PLATO UNIV. 3G ASA11 Ø 400 1000RPM I.D.155 mm						●						●					●		●		●	●			
AC00077	PLATO UNIV. 3G ASA11 Ø 500 800RPM I.D.190 mm																			●			●			
AC00080	PLATO UNIV. 3G ASA15 Ø 500 800RPM I.D.230 mm																				●			●		
AC00081	PLATO UNIV. 3G ASA15 Ø 630 650RPM I.D.252 mm																				●			●		
AC01278	PLATO UNIV. 3G ASA15 Ø 630 650RPM I.D.310 mm																								●	
AC00097	PLATO UNIV. 3G CAMLOCK-5 Ø 160 mm 2600RPM I.D.42 mm	●						●																		
AC00098	PLATO UNIV. 3G CAMLOCK-5 Ø 200 mm 2000RPM I.D.55 mm	●						●																		
AC01294	PLATO UNIV. 3G CAMLOCK-6 Ø 200 mm 2000RPM I.D.55 mm		●						●																	
AC01295	PLATO UNIV. 3G CAMLOCK-6 Ø 250 mm 1600RPM I.D.76 mm		●						●																	
AC01296	PLATO UNIV. 3G CAMLOCK-8 Ø 250 mm 1600RPM I.D.76 mm			●	●	●				●	●	●				●	●		●							
AC01297	PLATO UNIV. 3G CAMLOCK-8 Ø 315 mm 1250RPM I.D.103 mm			●	●	●				●	●	●				●	●		●							
AC00101	PLATO UNIV. 3G CAMLOCK-8 Ø 400 mm 1600RPM I.D.136 mm					●						●					●		●							
	UNIVERSAL 4 JAW CHUCK (CAST IRON BODY) FITTED WITH HARD JAWS																									
AC01303	PLATO UNIV. 4 G FUND. ASA-5 Ø 160 2600RPM I.D.42 mm	●						●						●												
AC00141	PLATO UNIV. 4 G FUND. ASA-5 Ø 200 2000RPM I.D.55 mm	●						●						●												
AC01304	PLATO UNIV. 4 G FUND. ASA-6 Ø 200 2000RPM I.D.55 mm		●						●						●											
AC01305	PLATO UNIV. 4 G FUND. ASA-6 Ø 250 1600RPM I.D.76 mm		●						●						●											
AC01306	PLATO UNIV. 4 G FUND. ASA-8 Ø 250 1600RPM I.D.76 mm			●	●	●				●	●	●				●	●		●							
AC01307	PLATO UNIV. 4 G FUND. ASA-8 Ø 315 1250RPM I.D.103 mm			●	●	●				●	●	●				●	●		●							
AC01308	PLATO UNIV. 4 G FUND. ASA-8 Ø 400 1000RPM I.D.136 mm					●						●					●		●							
AC00140	PLATO UNIV. 4 G FUND. ASA-11 Ø 400 1000RPM I.D.136 mm																					●				
AC01298	PLATO UNIV. 4 G FUND. ASA-11 Ø 400 1000RPM I.D.155 mm						●						●					●		●		●	●			
AC01299	PLATO UNIV. 4 G FUND. ASA-11 Ø 500 800RPM I.D.190 mm																			●			●			
AC01300	PLATO UNIV. 4 G FUND. ASA-15 Ø 500 800RPM I.D.230 mm																				●			●		
AC01301	PLATO UNIV. 4 G FUND. ASA-15 Ø 630 650RPM I.D.252 mm																				●			●		
AC01302	PLATO UNIV. 4 G FUND. ASA-20 Ø 630 650RPM I.D.252 mm																								●	
AC01329	PLATO UNIV. 4 G FUND. CAMLOCK--5 Ø 160 2600RPM I.D.42 mm	●						●						●												
AC01330	PLATO UNIV. 4 G FUND. CAMLOCK--5 Ø 200 2000RPM I.D.55 mm	●						●						●												
AC01121	PLATO UNIV. 4 G FUND. CAMLOCK--6 Ø 200 2000RPM I.D.55 mm		●						●						●											
AC01331	PLATO UNIV. 4 G FUND. CAMLOCK--6 Ø 250 1600RPM I.D.76 mm		●						●						●											
AC00142	PLATO UNIV. 4 G FUND. CAMLOCK--8 Ø 250 1600RPM I.D.76 mm			●	●	●				●	●	●				●	●		●							
AC01332	PLATO UNIV. 4 G FUND. CAMLOCK--8 Ø 315 1250RPM I.D.103 mm			●	●	●				●	●	●				●	●		●							
AC01333	PLATO UNIV. 4 G FUND. CAMLOCK--8 Ø 400 1000RPM I.D.136 mm					●						●					●		●							

MANUAL CHUCKS COMPATIBILITY

		PINACHO																							
		ML200	ML250		ML325			SE200	SE250		SE325			ST180	ST225	ST285	ST310		SH400			SH500			
SAGE CODE	DESCRIPTION	42	58	105	80	105	155	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	INDEPENDENT 4 JAW CHUCK FITTED WITH HARD JAWS (ASA&CAMLO																								
AC01249	PLATO 4 G INDEPEN. FUND. ASA-5 Ø 250 1585RPM I.D. 65 mm	●						●						●											
AC00116	PLATO 4 G INDEPEN. FUND. ASA-5 Ø 300 1320RPM I.D. 75 mm	●						●						●											
AC00117	PLATO 4 G INDEPEN. FUND. ASA-6 Ø 250 1585RPM I.D. 65 mm		●						●						●										
AC01250	PLATO 4 G INDEPEN. FUND. ASA-6 Ø 300 1320RPM I.D. 75 mm		●						●						●										
AC01251	PLATO 4 G INDEPEN. FUND. ASA-6 Ø 400 990RPM I.D. 125 mm		●						●						●										
AC00118	PLATO 4 G INDEPEN. FUND. ASA-8 Ø 400 990RPM I.D. 125 mm			●	●	●				●	●	●				●	●								
AC00119	PLATO 4 G INDEPEN. FUND. ASA-8 Ø 500 790RPM I.D.105 mm					●						●					●		●						
AC00115	PLATO 4 G INDEPEN. FUND. ASA-11 Ø 500 790RPM I.D.160 mm						●						●					●		●		●	●		
AC01245	PLATO 4 G INDEPEN. FUND. ASA-11 Ø 630 545RPM I.D.155 mm																			●			●		
AC01246	PLATO 4 G INDEPEN. FUND. ASA-15 Ø 630 545RPM I.D.230 mm																				●			●	
AC01247	PLATO 4 G INDEPEN. FUND. ASA-15 Ø 800 495RPM I.D.230 mm																				●			●	
AC01248	PLATO 4 G INDEPEN. FUND. ASA-20 Ø 800 495RPM I.D.310 mm																								●
AC00121	PLATO 4 G INDEPEN. FUND. CAMLOCK-5 Ø 250 1585RPM I.D. 65 mm	●						●						●											
AC00122	PLATO 4 G INDEPEN. FUND. CAMLOCK-5 Ø 300 1320RPM I.D. 75 mm	●						●						●											
AC00123	PLATO 4 G INDEPEN. FUND. CAMLOCK-6 Ø 250 1585RPM I.D. 65 mm		●						●						●										
AC00124	PLATO 4 G INDEPEN. FUND. CAMLOCK-6 Ø 300 1320RPM I.D. 75 mm		●						●						●										
AC00125	PLATO 4 G INDEPEN. FUND. CAMLOCK-6 Ø 400 990RPM I.D. 125 mm		●						●						●										
AC00129	PLATO 4 G INDEPEN. FUND. CAMLOCK-8 Ø 400 990RPM I.D. 125 mm			●	●	●				●	●	●				●	●								
AC00130	PLATO 4 G INDEPEN. FUND. CAMLOCK-8 Ø 500 790RPM I.D. 160 mm					●						●					●								
	UNIVERSAL 3 JAW CHUCK (STEEL BODY) FITTED WITH HARD JAWS (AS																								
AC01284	PLATO UNIV. 3G ACERO ASA5 Ø 160 3900RPM I.D.42 mm	●						●						●											
AC01119	PLATO UNIV. 3G ACERO ASA5 Ø 200 3200RPM I.D.55mm	●						●						●											
AC00090	PLATO UNIV. 3G ACERO ASA6 Ø 200 3200RPM I.D.55mm		●						●						●										
AC01285	PLATO UNIV. 3G ACERO ASA6 Ø 250 2500RPM I.D.76mm		●						●						●										
AC01286	PLATO UNIV. 3G ACERO ASA8 Ø 250 2500RPM I.D.76mm			●	●	●				●	●	●				●	●		●						
AC01287	PLATO UNIV. 3G ACERO ASA8 Ø 315 2000RPM I.D.103mm			●	●	●				●	●	●				●	●		●						
AC00092	PLATO UNIV. 3G ACERO ASA8 Ø 400 1600RPM I.D.136 mm					●						●					●		●						
AC00089	PLATO UNIV. 3G ACERO ASA11 Ø 400 1600RPM I.D.155 mm						●						●					●		●		●	●		
AC01280	PLATO UNIV. 3G ACERO ASA11 Ø 500 1200RPM I.D.190 mm																			●			●		
AC01281	PLATO UNIV. 3G ACERO ASA15 Ø 500 1200RPM I.D.230 mm																				●			●	
AC01282	PLATO UNIV. 3G ACERO ASA15 Ø 630 1000RPM I.D.252mm																				●			●	
AC01283	PLATO UNIV. 3G ACERO ASA20 Ø 630 1000RPM I.D.310mm																								●
AC00093	PLATO UNIV. 3G ACERO CAMLOCK-5 Ø 160 3900RPM I.D.42 mm	●						●						●											
AC01289	PLATO UNIV. 3G ACERO CAMLOCK-5 Ø 200 3200RPM I.D.55mm	●						●						●											
AC01290	PLATO UNIV. 3G ACERO CAMLOCK-6 Ø 200 3200RPM I.D.55mm		●						●						●										
AC01291	PLATO UNIV. 3G ACERO CAMLOCK-6 Ø 250 2500RPM I.D.76mm		●						●						●										
AC01120	PLATO UNIV. 3G ACERO CAMLOCK-8 Ø 250 2500RPM I.D.76mm			●	●	●				●	●	●				●	●		●						
AC01292	PLATO UNIV. 3G ACERO CAMLOCK-8 Ø 315 2000RPM I.D.103mm			●	●	●				●	●	●				●	●		●						
AC01293	PLATO UNIV. 3G ACERO CAMLOCK-8 Ø 400 1600RPM I.D.136 mm					●						●					●		●						

MANUAL CHUCKS COMPATIBILITY

		PINACHO																								
		ML200	ML250		ML325			SE200	SE250		SE325			ST180	ST225	ST285	ST310		SH400			SH500				
SAGE CODE	DESCRIPTION	42	58	105	80	105	155	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310	
	UNIVERSAL 4 JAW CHUCK (STEEL BODY) FITTED WITH HARD JAWS (AS																									
AC01314	PLATO UNIV. 4G ACERO ASA5 Ø 160 3900RPM I.D.42 mm	●						●						●												
AC01315	PLATO UNIV. 4G ACERO ASA5 Ø 200 3200RPM I.D.55mm	●						●						●												
AC01316	PLATO UNIV. 4G ACERO ASA6 Ø 200 3200RPM I.D.55mm		●						●						●											
AC01317	PLATO UNIV. 4G ACERO ASA6 Ø 250 2500RPM I.D.76mm		●						●						●											
AC01318	PLATO UNIV. 4G ACERO ASA8 Ø 250 2500RPM I.D.76mm			●	●	●				●	●	●				●	●		●							
AC01319	PLATO UNIV. 4G ACERO ASA8 Ø 315 2000RPM I.D.103mm			●	●	●				●	●	●				●	●		●							
AC01320	PLATO UNIV. 4G ACERO ASA8 Ø 400 1600RPM I.D.136 mm					●						●					●		●							
AC01309	PLATO UNIV. 4G ACERO ASA11 Ø 400 1600RPM I.D.155 mm						●						●					●		●		●	●			
AC01310	PLATO UNIV. 4G ACERO ASA11 Ø 500 1200RPM I.D.190 mm																			●			●			
AC01311	PLATO UNIV. 4G ACERO ASA15 Ø 500 1200RPM I.D.230 mm																				●			●		
AC01312	PLATO UNIV. 4G ACERO ASA15 Ø 630 1000RPM I.D.252mm																							●		
AC01313	PLATO UNIV. 4G ACERO ASA20 Ø 630 1000RPM I.D.310mm																								●	
AC01321	PLATO UNIV. 4G CAMLOCK-5 Ø 160 mm 2600RPM I.D.42 mm	●						●						●												
AC01322	PLATO UNIV. 4G CAMLOCK-5 Ø 200 mm 2000RPM I.D.55 mm	●						●						●												
AC01323	PLATO UNIV. 4G CAMLOCK-6 Ø 200 mm 2000RPM I.D.55 mm		●						●						●											
AC01324	PLATO UNIV. 4G CAMLOCK-6 Ø 250 mm 1600RPM I.D.76 mm		●						●						●											
AC01326	PLATO UNIV. 4G CAMLOCK-8 Ø 250 mm 1600RPM I.D.76 mm			●	●	●				●	●	●				●	●		●							
AC01327	PLATO UNIV. 4G CAMLOCK-8 Ø 315 mm 1250RPM I.D.103 mm			●	●	●				●	●	●				●	●		●							
AC01328	PLATO UNIV. 4G CAMLOCK-8 Ø 400 mm 1600RPM I.D.136 mm					●						●					●		●							
	BACK PLATE (ASA&CAMLOCK FITTING) FOR 3 JAW UNIVERSAL CHUCK																									
AC00221	CONTRAPLATO Ø 160 mm A2-5	●						●						●												
AC00222	CONTRAPLATO Ø 200 mm A2-5	●						●						●												
AC00223	CONTRAPLATO Ø 200 mm A2-6		●						●						●											
AC01222	CONTRAPLATO Ø 250 mm A2-6		●						●						●											
AC01224	CONTRAPLATO Ø 250 mm A2-8			●	●	●				●	●	●				●	●									
AC00002	CONTRAPLATO Ø 315 mm A2-8			●	●	●				●	●	●				●	●									
AC00227	CONTRAPLATO Ø 400 mm A2-8					●						●					●									
AC00226	CONTRAPLATO Ø 315 mm A2-11						●						●					●		●		●	●			
AC00001	CONTRAPLATO Ø 400 mm A2-11						●						●					●		●		●	●			
AC01213	CONTRAPLATO Ø 500 mm A2-11																			●			●			
AC01215	CONTRAPLATO Ø 400 mm A2-15																				●			●		
AC01216	CONTRAPLATO Ø 500 mm A2-15																				●			●		
AC01217	CONTRAPLATO Ø 630 mm A2-15																				●			●		
AC01226	CONTRAPLATO Ø 160 mm CAMLOCK D1-5	●						●						●												
AC01227	CONTRAPLATO Ø 200 mm CAMLOCK D1-5	●						●						●												
AC01229	CONTRAPLATO Ø 200 mm CAMLOCK D1-6		●						●						●											
AC01230	CONTRAPLATO Ø 250 mm CAMLOCK D1-6		●						●						●											
AC01232	CONTRAPLATO Ø 250 mm CAMLOCK D1-8			●	●	●				●	●	●				●	●		●							
AC01233	CONTRAPLATO Ø 315 mm CAMLOCK D1-8			●	●	●				●	●	●				●	●		●							
AC01234	CONTRAPLATO Ø 400 mm CAMLOCK D1-8					●						●					●		●							

MANUAL CHUCKS COMPATIBILITY

		PINACHO																								
		ML200	ML250		ML325			SE200	SE250		SE325			ST180	ST225	ST285	ST310		SH400			SH500			
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	DRIVING PLATE (ASA&CAMLOCK FITTING)																									
AC01183	PLATO DE ARRASTRE Ø 160 mm A2-5	●						●						●												
AC00214	PLATO DE ARRASTRE Ø 200 mm A2-5	●						●						●												
AC01184	PLATO DE ARRASTRE Ø 250 mm A2-5	●						●						●												
AC01185	PLATO DE ARRASTRE Ø 200 mm A2-6		●						●						●											
AC00004	PLATO DE ARRASTRE Ø 250 mm A2-6		●						●						●											
AC01186	PLATO DE ARRASTRE Ø 315 mm A2-6		●						●						●											
AC01187	PLATO DE ARRASTRE Ø 250 mm A2-8			●	●	●				●	●	●				●	●		●							
AC01188	PLATO DE ARRASTRE Ø 315 mm A2-8			●	●	●				●	●	●				●	●		●							
AC01189	PLATO DE ARRASTRE Ø 400 mm A2-8			●	●	●				●	●	●				●	●		●							
AC01190	PLATO DE ARRASTRE Ø 500 mm A2-8					●						●					●		●							
AC01180	PLATO DE ARRASTRE Ø 315 mm A2-11						●						●					●		●		●	●			
AC01181	PLATO DE ARRASTRE Ø 400 mm A2-11						●						●					●		●		●	●			
AC01182	PLATO DE ARRASTRE Ø 500 mm A2-11						●						●					●		●		●	●			
AC01191	PLATO DE ARRASTRE Ø 160 mm CAMLOCK D1-5	●						●						●												
AC01192	PLATO DE ARRASTRE Ø 200 mm CAMLOCK D1-5	●						●						●												
AC01193	PLATO DE ARRASTRE Ø 250 mm CAMLOCK D1-5	●						●						●												
AC01194	PLATO DE ARRASTRE Ø 200 mm CAMLOCK D1-6		●						●						●											
AC01195	PLATO DE ARRASTRE Ø 250 mm CAMLOCK D1-6		●						●						●											
AC01196	PLATO DE ARRASTRE Ø 315 mm CAMLOCK D1-6		●						●						●											
AC01197	PLATO DE ARRASTRE Ø 250 mm CAMLOCK D1-8			●	●	●				●	●	●				●	●		●							
AC01198	PLATO DE ARRASTRE Ø 315 mm CAMLOCK D1-8			●	●	●				●	●	●				●	●		●							
AC01199	PLATO DE ARRASTRE Ø 400 mm CAMLOCK D1-8			●	●	●				●	●	●				●	●		●							
AC01200	PLATO DE ARRASTRE Ø 500 mm CAMLOCK D1-8					●						●					●		●							
	LATHE DOGS																									
MS01409	PERROS DE ARRASTRE 25mm.ACERO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MS01410	PERROS DE ARRASTRE 35mm.ACERO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MS01411	PERROS DE ARRASTRE 45mm.ACERO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MS01412	PERROS DE ARRASTRE 55mm.ACERO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
AC00167	SET OF LATHE DOGS (25-35-45-55 mm)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

MANUAL CHUCKS COMPATIBILITY

		PINACHO																							
		ML200	ML250		ML325			SE200	SE250		SE325			ST180	ST225	ST285	ST310		SH400			SH500			
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	FACE PLATE (ASA&CAMLOCK FITTING)																								
AC01261	PLATO LISO Ø 160 mm ASA A2-5	●						●						●											
AC00005	PLATO LISO 3 G Ø 200 mm ASA A2-5	●						●						●											
AC01262	PLATO LISO Ø 250 mm ASA A2-5	●						●						●											
AC01263	PLATO LISO Ø 200 mm ASA A2-6		●						●						●										
AC01264	PLATO LISO Ø 250 mm ASA A2-6		●						●						●										
AC01265	PLATO LISO Ø 250 mm ASA A2-8		●						●						●										
AC01266	PLATO LISO Ø 315 mm ASA A2-6			●	●	●				●	●	●				●	●		●						
AC00008	PLATO LISO 3 G Ø 315 mm ASA A2-8			●	●	●				●	●	●				●	●		●						
AC01267	PLATO LISO Ø 400 mm ASA A2-8			●	●	●				●	●	●				●	●		●						
AC00009	PLATO LISO 3 G 500 ASA 5.9 A2 Nº8					●						●					●		●						
AC01252	PLATO LISO Ø 315 mm ASA A2-11						●						●					●		●		●	●		
AC01253	PLATO LISO Ø 400 mm ASA A2-11						●						●					●		●		●	●		
AC01254	PLATO LISO Ø 500 mm ASA A2-11						●						●					●		●		●	●		
AC01256	PLATO LISO Ø 400 mm ASA A2-15																				●			●	
AC01257	PLATO LISO Ø 500 mm ASA A2-15																				●			●	
AC01255	PLATO LISO Ø 630 mm ASA A2-11																			●			●		
AC01258	PLATO LISO Ø 630 mm ASA A2-15																				●			●	
AC01259	PLATO LISO Ø 800 mm ASA A2-15																							●	
AC01260	PLATO LISO Ø 800 mm ASA A2-20																								●
AC01269	PLATO LISO Ø 160 mm CAMLOCK D1-5	●						●						●											
AC01270	PLATO LISO Ø 200 mm CAMLOCK D1-5	●						●						●											
AC01271	PLATO LISO Ø 250 mm CAMLOCK D1-5	●						●						●											
AC01272	PLATO LISO Ø 200 mm CAMLOCK D1-6		●						●						●										
AC01273	PLATO LISO Ø 250 mm CAMLOCK D1-6		●						●						●										
AC01274	PLATO LISO Ø 315 mm CAMLOCK D1-6		●						●						●										
AC01275	PLATO LISO Ø 250 mm CAMLOCK D1-8			●	●	●				●	●	●				●	●		●						
AC01276	PLATO LISO Ø 315 mm CAMLOCK D1-8			●	●	●				●	●	●				●	●		●						
AC00011	PLATO LISO 3 G Ø 400 mm CAMLOCK D1-8			●	●	●				●	●	●				●	●		●						
AC01277	PLATO LISO 3G Ø 500 mm CAMLOCK D1-8					●						●					●		●						
	MANUAL COLLET CHUCK AND COLLETS																								
AC00164	PORTAPINZAS CAPACIDAD 4-25 (ASA-5)	●						●						●											
AC00165	PORTAPINZAS CAPACIDAD 4-40 (ASA 6)		●						●						●										
AC00166	PORTAPINZAS CAPACIDAD 4-60 (ASA 8)			●	●	●				●	●	●				●	●								
CONSULTAR	COLLET (EACH) - NECESSARY SPECIFY DIMENSION																								

HYDRAULIC COMPONENTS COMPATIBILITY

		PINACHO																	
		SE200	SE250		SE325			ST180	ST225	ST285	ST310		SH400			SH500			
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	HYDRAULIC KIT																		
AC00913	HYDRAULIC CHUCK Ø 160 + HYDRAULIC CYLINDER BORE Ø 30 FOR SE/SMS-200-42	●																	
AC00914	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER BORE Ø 30 FOR SE/SMS-200-42	●																	
AC00915	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER BORE Ø 48 FOR SE/SMS-250-58		●																
AC00916	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER BORE Ø 48 FOR SE/SMS-250-58		●																
AC00917	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER BORE Ø 68 FOR SE/SMS-325-80				●														
AC00918	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 68 FOR SE/SMS-325-80				●														
AC00919	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 92 FOR SE/SMS-250-105			●															
AC01109	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 92 FOR SE-325-105					●													
AC01110	HYDRAULIC CHUCK Ø 400 + HYDRAULIC CYLINDER BORE Ø 140 FOR SE-325-155						●												
AC00903	HYDRAULIC CHUCK Ø 160 + HYDRAULIC CYLINDER Ø 30 FOR ST-180-42							●											
AC00904	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER Ø 30 FOR ST-180-42							●											
AC00905	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER Ø 52 FOR ST-225-65								●										
AC00906	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER Ø 52 FOR ST-225-65								●										
AC00899	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER Ø 68 FOR ST-285-80									●									
AC00900	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER Ø 68 FOR ST-285-80									●									
AC00907	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER Ø 92 FOR ST-310-105										●								
AC00893	HYDRAULIC CHUCK Ø 400 + HYDRAULIC CYLINDER Ø 140 FOR ST-310-155											●							
AC00782	HYDRAULIC CHUCK Ø 450 + HYDRAULIC CYLINDER Ø 91 FOR SH-400-105												●						
AC00755	HYDRAULIC CHUCK Ø 530 + HYDRAULIC CYLINDER Ø 117,5 FOR SH-500-130															●			
AC00784	HYDRAULIC CHUCK Ø 500 + HYDRAULIC CYLINDER Ø 140 FOR SH-400/500-155													●			●		
AC00786	HYDRAULIC CHUCK Ø 630 + HYDRAULIC CYLINDER Ø 225 FOR SH 400/500-230														●			●	
AC00788	HYDRAULIC CHUCK Ø 450 + HYDRAULIC CYLINDER Ø 91 FOR SH-400-105 (if fitted with C axis)												●						
AC00757	HYDRAULIC CHUCK Ø 530 + HYDRAULIC CYLINDER Ø 117,5 FOR SH-500-130(if fitted with C axis)															●			
AC00789	HYDRAULIC CHUCK Ø 500 + HYDRAULIC CYLINDER Ø 160 FOR SH-400/500-155 (if fitted with C													●			●		
AC00793	HYDRAULIC CHUCK Ø 630 + HYDRAULIC CYLINDER Ø 225 FOR SH 400/500-230 (if fitted with C														●			●	

HYDRAULIC COMPONENTS COMPATIBILITY

		PINACHO																	
		SE200	SE250		SE325			ST180	ST225	ST285	ST310		SH400			SH500			
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	HYDRAULIC KIT WITH COLLET CHUCK																		
AC00113	HYDRAULIC DL25 COLLET CHUCK + HYDRAULIC CYLINDER Ø 30 FOR SE/SMS	●																	
AC00256	HYDRAULIC DL40 COLLET CHUCK + HYDRAULIC CYLINDER Ø 48 FOR SE/SMS		●																
AC00386	HYDRAULIC DL60 COLLET CHUCK +HYDRAULIC CYLINDER Ø 68 FOR SE/SMS				●														
AC00387	HYDRAULIC DL80 COLLET CHUCK + HYDRAULIC CYLINDER Ø 92 FOR SE/SMS			●		●													
AC00417	HYDRAULIC DL25 COLLET CHUCK + HYDRAULIC CYLINDER Ø 30 FOR ST-180							●											
AC00421	HYDRAULIC DL40 COLLET CHUCK + HYDRAULIC CYLINDER Ø 48 FOR ST-225								●										
AC00438	HYDRAULIC DL60 COLLET CHUCK + HYDRAULIC CYLINDER Ø 68 FOR ST-285									●									
AC00483	HYDRAULIC DL80 COLLET CHUCK + HYDRAULIC CYLINDER Ø 92 FOR ST-310										●								
	HYDRAULIC KIT TAIL STOCK																		
AC01106	HYDRAULIC TAIL STOCK FOR SE200/ST180	●						●											
AC01107	HYDRAULIC TAIL STOCK FOR SE250/ST225		●	●					●										
AC01108	HYDRAULIC TAIL STOCK FOR SE325/ST285-310				●	●	●			●	●	●							
AC00780	HYDRAULIC TAILSTOCK SH/STH-400												●	●	●				
AC00624	HYDRAULIC TAILSTOCK SH/STH-500															●	●	●	●
	POWER PACK																		
MS00579	CENTRAL HIDRAULICA 2 SALIDAS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MS00580	CENTRAL HIDRAULICA 3 SALIDAS							●	●	●	●	●	●	●	●	●	●	●	●
	LUNETA HIDRAULICA																		
AC00440	LUNETA HIDR SMW AUTOBL SLUBZ4 (35-245) H=400												●	●	●				
AC00444	LUNETA HIDR SMW AUTOBL SLUBZ4 (35-245) H=500															●	●	●	●

STEADY COMPATIBILITY

		PINACHO																						
		ML200	ML250		ML325			SE200	SE250		SE325			ST180	ST225	ST285	ST310		SH400			SH500		
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
AC00825	LUNETA FIJA H200 B250 CAPACIDAD Ø (10-125)	●						●																	
AC00860	ARM SET WITH ROLLERS H200 B250 CAPACITY Ø (10-125)	●						●																	
AC00174	LUNETA FIJA H200 B250 GRAN CAPACIDAD Ø (110-200)	●						●																	
AC00869	ARM SET WITH ROLLERS H200 B250 LARGE CAPACITY Ø (110-200)	●						●																	
AC00169	LUNETA FIJA H250 B300 CAPACIDAD Ø (10-140)		●	●					●	●															
AC00861	ARM SET WITH ROLLERS H250 B300 CAPACITY Ø (10-140)		●	●					●	●															
AC00845	LUNETA FIJA H250 B300 GRAN CAPACIDAD Ø (140-300)		●	●					●	●															
AC00870	ARM SET WITH ROLLERS H250 B300 LARGE CAPACITY Ø (140-300)		●	●					●	●															
AC00170	LUNETA FIJA H325 B350 CAPACIDAD Ø (10-180)				●	●	●				●	●	●												
AC00862	ARM SET WITH ROLLERS H325 B350 CAPACITY Ø (10-180)				●	●	●				●	●	●												
AC00837	LUNETA FIJA H325 B350 GRAN CAPACIDAD Ø (180-400)				●	●	●				●	●	●												
AC00871	ARM SET WITH ROLLERS H325 B350 LARGE CAPACITY Ø (180-400)				●	●	●				●	●	●												
AC00181	LUNETA MOVIL H200 B250 CAPACIDAD Ø (10-80)	●						●																	
AC00878	ARM SET WITH ROLLERS H200 B250 CAPACITY Ø (10-80)	●						●																	
AC00848	LUNETA MOVIL H250 B300 CAPACIDAD Ø (10-100)		●						●																
AC00879	ARM SET WITH ROLLERS H250 B300 CAPACITY Ø (10-100)		●						●																
AC00183	LUNETA MOVIL H325 B350 CAPACIDAD Ø (10-140)				●	●	●				●	●	●												
AC00880	ARM SET WITH ROLLERS H325 B350 CAPACITY Ø (10-140)				●	●	●				●	●	●												
AC00171	LUNETA FIJA H180 B250 CAPACIDAD Ø (10-125)													●											
AC00865	ARM SET WITH ROLLERS H180 B250 CAPACITY Ø (10-125)													●											
AC00176	LUNETA FIJA H180 B250 GRAN CAPACIDAD Ø (110-200)													●											
AC00874	ARM SET WITH ROLLERS H180 B250 LARGE CAPACITY Ø (110-200)													●											

STEADY COMPATIBILITY

		PINACHO																							
		ML200	ML250		ML325			SE200	SE250		SE325			ST180	ST225	ST285	ST310		SH400			SH500			
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
AC00832	LUNETA FIJA H225 B300 CAPACIDAD Ø (10-140)														●										
AC00866	ARM SET WITH ROLLERS H225 B300 CAPACITY Ø (10-140)														●										
AC00177	LUNETA FIJA H225 B300 GRAN CAPACIDAD Ø (140-250)														●										
AC00875	ARM SET WITH ROLLERS H225 B300 LARGE CAPACITY Ø (140-300)														●										
AC00172	LUNETA FIJA H285 B350 CAPACIDAD Ø (10-180)															●									
AC00867	ARM SET WITH ROLLERS H285 B350 CAPACITY Ø (10-180)															●									
AC00178	LUNETA FIJA H285 B350 GRAN CAPACIDAD Ø (180-350)															●									
AC00876	ARM SET WITH ROLLERS H285 B350 LARGE CAPACITY Ø (180-400)															●									
AC00173	LUNETA FIJA H310 B350 CAPACIDAD Ø (10-180)																●	●							
AC00868	ARM SET WITH ROLLERS H310 B350 CAPACITY Ø (10-180)																●	●							
AC00179	LUNETA FIJA H310 B350 GRAN CAPACIDAD Ø (180-400)																●	●							
AC00877	ARM SET WITH ROLLERS H310 B350 LARGE CAPACITY Ø (180-400)																●	●							
AC00184	LUNETA MOVIL H180 B250 CAPACIDAD Ø (10-80)													●											
AC00883	ARM SET WITH ROLLERS H180 B250 CAPACITY Ø (10-80)													●											
AC00185	LUNETA MOVIL H225 B300 CAPACIDAD Ø (10-90)														●										
AC00884	ARM SET WITH ROLLERS H225 B300 CAPACITY Ø (10-100)														●										
AC00186	LUNETA MOVIL H285 B350 CAPACIDAD Ø (10-130)															●									
AC00885	ARM SET WITH ROLLERS H285 B350 CAPACITY Ø (10-130)															●									
AC00187	LUNETA MOVIL H310 B350 CAPACIDAD Ø (10-130)																●	●							
AC00886	ARM SET WITH ROLLERS H310 B350 CAPACITY Ø (10-130)																●	●							
AC00439	LUNETA FIJA H400 B425 CAPACIDAD Ø (90-300)																		●	●	●				
AC00437	LUNETA FIJA H400 B425 CAPACIDAD Ø (300-530)																		●	●	●				
AC00441	LUNETA FIJA H500 B500 CAPACIDAD Ø (30-380)																					●	●	●	●
AC00443	LUNETA FIJA H500 B500 CAPACIDAD Ø (370-730) D68																					●	●	●	●
AC01176	LUNETA MOVIL H400 B425 CAPACIDAD Ø (70-290)																		●	●	●				
AC00442	LUNETA MOVIL H500 B500 CAPACIDAD Ø (35-300)																					●	●	●	●

TURRET COMPATIBILITY

		PINACHO																								
		ML200	ML250		ML325			SE200	SE250		SE325			ST180	ST225	ST285	ST310		SH400			SH500			
SAGE CODE	DESCRIPTION	42	58	105	80	105	155	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
AC01342	ML 200 TOOL POST ASSEMBLY	○																							
AC01343	ML 250 TOOL POST ASSEMBLY		○	○																					
AC01344	ML 325 TOOL POST ASSEMBLY				○	○	○																		
AC00244	REAR TOOLPOST MODEL ML18 200	●																							
AC00245	REAR TOOLPOST MODEL ML18 250		●	●																					
AC00246	REAR TOOLPOST MODEL ML18 325				●	●	●																		
AC00800	QUICK CHANGE TOOL POST HP-150 WITH 5 TOOL HOLDER ML18 200	●																							
AC00801	QUICK CHANGE TOOL POST HP-210 WITH 5 TOOL HOLDER ML18 250		●	●																					
AC00802	QUICK CHANGE TOOL POST HP-210 WITH 5 TOOL HOLDER ML18 325				●	●	●																		
AC00431	MH-90 QUICK CHANGE TOOLPOST FOR ML 200 WITH 4 TOOL HOLDERS	●																							
AC00432	MH-115 QUICK CHANGE TOOLPOST FOR ML 250 WITH 4 TOOL HOLDERS		●	●																					
AC00433	MH-130 QUICK CHANGE TOOLPOST FOR ML 325 WITH 4 TOOL HOLDERS				●	●	●																		
AC00434	MULTIFIX E QUICK CHANGE TOOLPOST FOR ML18 200 WITH 4 TOOL HOLDERS 12.05.00579	●																							
AC00435	MULTIFIX B QUICK CHANGE TOOLPOST FOR ML18 250 WITH 4 TOOL HOLDERS 12.05.00115		●	●																					
AC00436	MULTIFIX C QUICK CHANGE TOOLPOST FOR ML18 325 WITH 4 TOOL HOLDERS 12.05.00118				●	●	●																		
AC01139	QUICK CHANGE TOOL POST HP-150 WITH 5 TOOL HOLDER SE200							○																	
AC01140	QUICK CHANGE TOOL POST HP-210 WITH 5 TOOL HOLDER SE250								○	○															
AC01141	QUICK CHANGE TOOL POST HP-210 WITH 5 TOOL HOLDER SE325										○	○	○												
AC00445	MH-90 QUICK CHANGE TOOLPOST FOR SE 200 WITH 4 TOOL HOLDERS							●																	
AC00446	MH-115 QUICK CHANGE TOOLPOST FOR SE 250 WITH 4 TOOL HOLDERS								●	●															
AC00447	MH-130 QUICK CHANGE TOOLPOST FOR SE 325 WITH 4 TOOL HOLDERS										●	●	●												
AC00448	MULTIFIX E QUICK CHANGE TOOLPOST FOR SE 200 WITH 4 TOOL HOLDERS 12.05.00579							●																	
AC00449	MULTIFIX B QUICK CHANGE TOOLPOST FOR SE 250 WITH 4 TOOL HOLDERS 12.05.00115								●	●															
AC00450	MULTIFIX C QUICK CHANGE TOOLPOST FOR SE 325 WITH 4 TOOL HOLDERS 12.05.00118										●	●	●												
AC00858	AUTOMATIC 4 STATION TURRET SQT-134-51-0625-C FOR SE 200							●																	
AC01126	AUTOMATIC 4 STATION TURRET SQT-166-70-C FOR SE 250								●	●															
AC00859	AUTOMATIC 4 STATION TURRET SQT-166-70-C FOR SE 325										●	●	●												
AC00890	AUTOMATIC 8 STATION TURRET WITH BTH-3NOS ATH-1NOS - SE 200							●																	
AC00891	AUTOMATIC 8 STATION TURRET WITH BTH-3NOS ATH-1NOS - SE 250								●	●															
AC00892	AUTOMATIC 8 STATION TURRET WITH BTH -3NOS ATH-1NOS - SE 325										●	●	●												
AC01008	AUTOMATIC 8 STATION TURRET WITH BTH-3NOS, ATH-1NOS - ST180													○											
AC01009	AUTOMATIC 8 STATION TURRET WITH BTH-3NOS, ATH-1NOS - ST225														○										
AC01010	AUTOMATIC 8 STATION TURRET WITH BTH -3NOS, ATH-1NOS - ST285															○									
AC01011	AUTOMATIC 8 STATION TURRET WITH BTH -3NOS, ATH-1NOS - ST310																○	○							
AC01366	BTP50- 8 STATIONS – VDI16 FOR SE200							●																	
AC01367	BTP50- 8 STATIONS – VDI16 FOR ST180													●											
AC01368	BTP50- 12 STATIONS – VDI16 FOR SE200							●																	
AC01369	BTP50- 12 STATIONS – VDI16 FOR ST180													●											
AC01370	BTP63 - 8 STATIONS – VDI20 FOR SE250								●	●															
AC01371	BTP63 - 8 STATIONS – VDI20 FOR ST225														●										
AC01372	BTP63 - 12 STATIONS – VDI20 FOR SE250								●	●															
AC01373	BTP63 - 12 STATIONS – VDI20 FOR ST225														●										
AC01374	BTP80 - 8 STATIONS – VDI30 FOR SE325										●	●	●												
AC01375	BTP80 - 8 STATIONS – VDI30 FOR ST285															●									
AC01376	BTP80 - 8 STATIONS – VDI30 FOR ST310																●	●							
AC01377	BTP80 - 12 STATIONS – VDI30 FOR SE325										●	●	●												
AC01378	BTP80 - 12 STATIONS – VDI30 FOR ST285															●									
AC01379	BTP80 - 12 STATIONS – VDI30 FOR ST310																●	●							

TURRET COMPATIBILITY

		PINACHO																							
		ML200	ML250		ML325			SE200	SE250		SE325			ST180	ST225	ST285	ST310		SH400			SH500			
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
AC01012	AUTOMATIC 4 STATION TURRET SQT-134-51-0625-C FOR ST180													●											
AC01013	AUTOMATIC 4 STATION TURRET SQT-166-70-C FOR ST225														●										
AC01014	AUTOMATIC 4 STATION TURRET SQT-166-70-C FOR ST285															●									
AC01027	AUTOMATIC 4 STATION TURRET SQT-166-70-C FOR ST310																●	●							
AC00398	LIVE TOOL 8 STATION TURRET BARUFALDI TBHMA-160 VDI 40 FOR ST 310																●	●							
AC00388	LIVE TOOL 12 STATION TURRET PRAGATI FOR ST225														●										
AC00391	LIVE TOOL 12 STATION TURRET PRAGATI FOR ST285															●									
AC00392	LIVE TOOL 12 STATION TURRET PRAGATI FOR ST310																●	●							
AC00399	4 STATION AUTOMATIC BARRUFALDI TURRET TAN 160 FOR ST 310																●	●							
AC01145	TORRETA AUTOMATICA 8 POSICIONES BTP100																		●	●	●				
AC01160	TORRETA AUTOMATICA 8 POSICIONES BTP125																					●	●	●	●
AC00565	TORRETA MULTIFIX D1 SH/STH 400																		●	●	●				
AC00536	TORRETA MULTIFIX D2 SH/STH 500																					●	●	●	●
AC01117	TORRETA CAMBIO RAPIDO TGA-R-400 ALGRA FOR SH/STH500																					●	●	●	●
AC01359	BTP100 - 8 STATIONS – VDI40																		●	●	●				
AC01361	BTP125 - 8 STATIONS – VDI50																					●	●	●	●
AC01360	BTP100 - 12 STATIONS – VDI40																		●	●	●				
AC01362	BTP125 - 12 STATIONS – VDI50																					●	●	●	●
AC00558	LIVE TOOL TURRET 12 STATION VDI 40 PRAGATI DTT100																		●	●	●				
AC01029	LIVE TOOL TURRET 12 STATION VDI 40 PRAGATI DTT100 FOR ST-500																					●	●	●	●
AC00563	LIVE TOOL AXIAL 12 STATIONS VDI 40 - TBHMA200-12 VDI 40 Ø 340/410																		●	●	●				
AC00560	LIVE TOOL RADIAL 12 STATIONS BMT65 - TBMR200-12 BMT65 KEY 365																		●	●	●				
AC00562	LIVE TOOL RADIAL 12 STATIONS VDI 40 - TBMR200-12 VDI 40 KEY 320																		●	●	●				
AC00561	LIVE TOOL RADIAL 12 STATIONS BMT65 - TBYR200-12 BMT65 KEY 365 - FOR Y AXIS																		●	●	●				
AC00534	AUTOMATIC 12 STATIONS VDI 50 - TBH250-12 VDI 50 Ø 400/480																					●	●	●	●
AC00533	LIVE TOOL AXIAL 8 STATIONS VDI 50 - TBHMA250-8 VDI 50 Ø 400/480																					●	●	●	●
AC00532	LIVE TOOL AXIAL 12 STATIONS VDI 50 - TBHMA250-12 VDI 50 Ø 400/480																					●	●	●	●
AC00530	LIVE TOOL RADIAL 12 STATIONS BMT75 - TBMR250-12 BMT75 KEY 430																					●	●	●	●
AC00531	LIVE TOOL RADIAL 12 STATIONS VDI 50 - TBMR250-12 VDI 50 KEY 380																					●	●	●	●
AC00529	LIVE TOOL RADIAL 12 STATIONS BMT75 - TBYR250-12 BMT75 KEY 430 - FOR Y AXIS																					●	●	●	●
AC00564	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 210 FOR SH-STH 400																		●	●	●				
AC00535	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 265 FOR SH-STH 500																					●	●	●	●

JAP

> MLS

AVAILABLE 2020

The high precision manual lathe.

- MLS 200
- MLS 250
- MLS 325

> SMS

The optimum choice for training, maintenance and prototyping.

- SMS 200
- SMS 250
- SMS 325

> STS

Work speed and versatility in up to 3 axis.

- STS 200
- STS 250
- STS 350

> STH

High capacity CNC lathes up to 4 axis.

- STH 400
- STH 500

> SMS

MODELS:
SMS 200 > SMS 250 > SMS 325

JAP

The optimum choice for training, maintenance and prototyping

The new CNC lathes of the SMS series are robust and accurate machines equipped with a geared headstock providing high torque for the most demanding roughing work.

The new JAP beds provide increased stiffness improving the dimensional and thermal stability of the machine and reduce the level of vibration during the turning process.

The SMS series are intuitive and user-friendly thanks to the conversational programming options offered with the controls Siemens or Fagor, ideal for the production of short series, prototyping and training centers.

STANDARD EQUIPMENT

- Siemens 808D Control
- Linear Path Graphs
- Electronic handwheel for X and Z axes
- Increased width and stiffness of the bed
- Headstock with electronic speed variator 3 ranges
- Lubrication pump for the main spindle bearings
- High precision main spindle bearings
- Reducing bush of main shaft and dead center
- Dead center for tailstock
- Manual quick-change toolpost
- Automatic guide lubrication system
- Coolant equipment
- Complete guarding enclosure
- Cast iron pedestals
- Precision Levellers
- LED Work light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

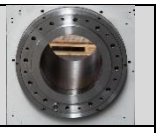
OPTIONAL EXTRAS

- Control Fagor 8037T or Fagor 8055T
- Chucks with 3 and 4 jaws
- Rear chuck
- Hydraulic power chuck
- Hydraulic collect chuck
- Hydraulic tailstock
- Fixed Steady Rest
- Large capacity fixed steady rest
- Follow Rest
- Multifix quick-change toolpost
- 4 and 8 position automatic turret
- Live center
- Chip conveyor
- Electric transformer
- Higher pressure cooling system
- Electric panel refrigeration
- Anti-vibration kit
- Remote jog unit
- Tool Presetter

SMS LATHE MODELS		
PR00026	CNC LATHE JAP SMS 200 x 1000 mm - S1	39.535 €
PR00027	CNC LATHE JAP SMS 200 x 1500 mm - S1	41.139 €
PR00028	CNC LATHE JAP SMS 250 x 1000 mm - S1	48.330 €
PR00029	CNC LATHE JAP SMS 250 x 1500 mm - S1	52.216 €
PR00030	CNC LATHE JAP SMS 250 x 2000 mm - S1	60.150 €
PR00031	CNC LATHE JAP SMS 325 x 1000 mm - S1	64.070 €
PR00032	CNC LATHE JAP SMS 325 x 2000 mm - S1	68.837 €
PR00033	CNC LATHE JAP SMS 325 x 3000 mm - S1	82.614 €

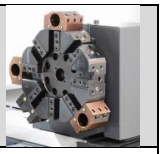
OPTIONAL EXTRAS

MAIN SPINDLE		
AC00954	ASA OPTION. 42 mm ASA A2-5 FOR ML200/SE200/SMS200	0 €
AC00961	INCREASE 42 mm ASA A2-5 TO CAMLOCK D1-5 FOR ML200/SE200/SMS200	376 €
AC00955	ASA OPTION. 58 mm ASA A2-6 FOR ML250/SE250/SMS250	0 €
AC00972	INCREASE 58 mm ASA A2-6 TO CAMLOCK D1-6 FOR ML250/SE250/SMS250	401 €
AC00957	ASA OPTION. 80 mm ASA A2-8 FOR ML325/SE325/SMS325	0 €
AC00975	INCREASE 80 mm ASA A2-8 TO CAMLOCK D1-8 FOR ML325/SE325/SMS325	558 €

LARGER SPLINDLE BORE OPTION FOR MODELS SMS - 250 / 325		
AC00948	INCREASE 105 mm A8 SPINDLE BORE - SE 250 - SE 325 - SMS 250 & SMS 325	3.300 €
AC00949	INCREASE 155 mm A11 SPINDLE BORE - SE 325 & SMS 325	4.300 €
AC01054	INCREASE 105 mm CAMLOCK D1-8 SPINDLE BORE - SE 250 - SE 325 - SMS 250 & SMS 325	3.750 €

CONTROL OPTION		
AC00984	STANDARD PACKAGE SIEMENS 808 SE/SMS	0 €
AC01052	INCREASE FAGOR 8037 T PACKAGE	1.250 €
AC01053	INCREASE FAGOR 8055 i PACKAGE	2.300 €

CHUCKS AND JAWS		
REAR CHUCK FLANGE (REQUIRED TO ASSEMBLE REAR CHUCK) *		
AC00988	REAR CHUCK FLANGE FOR SE 200 Ø42 & SMS 200 Ø42 BORE	217 €
AC00989	REAR CHUCK FLANGE FOR SE 250 Ø58 & SMS 250 Ø58 BORE *	200 €
AC00990	REAR CHUCK FLANGE FOR SE 325 Ø80 & SMS 325 Ø 80 BORE	550 €
AC01044	REAR CHUCK FLANGE FOR SE 250 Ø105 & SMS 250 Ø105 BORE *	333 €
AC01046	REAR CHUCK FLANGE FOR SE 325 Ø105 & SMS 325 Ø105 BORE *	333 €
AC01045	REAR CHUCK FLANGE FOR SE 325 Ø155 & SMS 325 Ø155 BORE *	550 €
HYDRAULIC CHUCK & CYLINDER		
	FOR SMS-200-42	
AC00913	HYDRAULIC CHUCK Ø 160 + HYDRAULIC CYLINDER BORE Ø 30 FOR SE/SMS-200-42	1.702 €
AC00914	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER BORE Ø 30 FOR SE/SMS-200-42	1.933 €
	FOR SMS-250-58	
AC00915	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER BORE Ø 48 FOR SE/SMS-250-58	2.100 €
AC00916	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER BORE Ø 48 FOR SE/SMS-250-58	2.082 €
	FOR SMS-325-80	
AC00917	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER BORE Ø 68 FOR SE/SMS-325-80	3.336 €
AC00918	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 68 FOR SE/SMS-325-80	3.653 €
	FOR SMS-250-105	
AC00919	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 92 FOR SE/SMS-250-105	4.834 €
	FOR SMS-325-105	
AC01111	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 92 FOR SMS-325-105	6.683 €
	FOR SMS-325-155	
AC01112	HYDRAULIC CHUCK Ø 400 + HYDRAULIC CYLINDER BORE Ø 140 FOR SMS-325-155	10.980 €
HYDRAULIC COLLET CHUCK & CYLINDER		
AC00113	HYDRAULIC DL25 COLLET CHUCK + HYDRAULIC CYLINDER Ø 30 FOR SE/SMS	1.957 €
AC00256	HYDRAULIC DL40 COLLET CHUCK + HYDRAULIC CYLINDER Ø 48 FOR SE/SMS	2.348 €
AC00386	HYDRAULIC DL60 COLLET CHUCK +HYDRAULIC CYLINDER Ø 68 FOR SE/SMS	2.753 €
AC00387	HYDRAULIC DL80 COLLET CHUCK + HYDRAULIC CYLINDER Ø 92 FOR SE/SMS	3.851 €
HYDRAULIC TAILSTOCK		
AC01384	HYDRAULIC TAIL STOCK FOR SMS-200	1.511 €
AC01385	HYDRAULIC TAIL STOCK FOR SMS-250	1.628 €
AC01386	HYDRAULIC TAIL STOCK FOR SMS-325	4.550 €

TOOLPOSTS AND TURRETS		
MH TOOL POST		
AC01142	MH-90 QUICK CHANGE TOOLPOST FOR SMS 200 WITH 4 TOOL HOLDERS	0 €
AC01143	MH-115 QUICK CHANGE TOOLPOST FOR SMS 250 WITH 4 TOOL HOLDERS	0 €
AC01144	MH-130 QUICK CHANGE TOOLPOST FOR SMS 325 WITH 4 TOOL HOLDERS	0 €
MULTIFIX QUICK CHANGE TOOLPOST		
AC01103	QUICK CHANGE TOOLPOST MULTIFIX TYPE E FOR SMS 200 WITH 4 TOOL HOLDERS	1.096 €
AC01104	QUICK CHANGE TOOLPOST MULTIFIX TYPE B FOR SMS 250 WITH 4 TOOL HOLDERS	1.293 €
AC01105	QUICK CHANGE TOOLPOST MULTIFIX TYPE C FOR SMS325 WITH 4 TOOL HOLDERS	2.000 €
DUPLOMATIC AUTOMATIC OCTOGONAL TURRET		
AC00451	BSV-N100-8pos - left + DS-100-20-200-8 FOR SMS/STS-200	5.810 €
AC00454	BSV-N120-8pos - left + DS-120-25-234-8 FOR SMS/STS-250	5.905 €
AC00457	BSV-N160-8pos - left + DS-160-25-280-8 FOR SMS-325	6.190 €
DUPLOMATIC AUTOMATIC VDI TURRET		
AC00452	BSV-N100-12pos - left + DN-100-16-160/0-S-12 FOR SMS/STS-200	6.190 €
AC00453	BSV-N100-8pos - left + DN-100-20-160/0-S-8 FOR SMS/STS-200	6.190 €
AC00455	BSV-N120-12pos - left + DN-120-30-270/0-S-12 FOR SMS/STS-250	6.762 €
AC00458	BSV-N160-12pos - left + DN-160-30-270/0-S-12 FOR SMS-325	6.762 €
AC00459	BSV-N160-12pos - left + DN-160-40-340/0-S-12 FOR SMS-325	7.048 €
BARUFFALDI 4 STATION AUTOMATIC TURRET - VERTICAL AXIS		
AC00461	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 160 FOR SMS 325	9.429 €
TOOL HOLDERS FOR MH-90 TOOL POST		
AC00700	NORMAL TOOL HOLDER PN-90	112 €
AC00701	TOOL HOLDER V PV-90	139 €
AC00702	BAR TOOL HOLDER PB-90	212 €
AC00703	CONE TOOL HOLDER PCM-90	167 €
TOOL HOLDERS FOR MH-115 TOOL POST		
AC00696	NORMAL TOOL HOLDER PN-115	142 €
AC00697	TOOL HOLDER V PV-115	176 €
AC00698	BAR TOOL HOLDER PB-115	316 €
AC00699	CONE TOOL HOLDER PCM-115	211 €
TOOL HOLDERS FOR MH-130 TOOL POST		
AC00692	NORMAL TOOL HOLDER PN-130 DE 30	162 €
AC00704	NORMAL TOOL HOLDER PN-130 DE 36	165 €
AC00693	TOOL HOLDER V PV-130	192 €
AC00694	BAR TOOL HOLDER PB-130	429 €
AC00695	CONE TOOL HOLDER PCM-130 CM3	253 €
AC00705	CONE TOOL HOLDER PCM-130 CM4	294 €

BORING SLEEVES		
AC00363	BORING SLEEVE - OD Ø32 - ID Ø12	35 €
AC00364	BORING SLEEVE - OD Ø32 - ID Ø16	35 €
AC00365	BORING SLEEVE - OD Ø32 - ID Ø20	35 €
AC00366	BORING SLEEVE - OD Ø32 - ID Ø25	35 €
AC01048	BORING SLEEVE - OD Ø40 - ID Ø12	40 €
AC00368	BORING SLEEVE - OD Ø40 - ID Ø16	40 €
AC00369	BORING SLEEVE - OD Ø40 - ID Ø20	40 €
AC00370	BORING SLEEVE - OD Ø40 - ID Ø25	40 €
AC01049	BORING SLEEVE - OD Ø40 - ID Ø32	40 €

OTHER OPTIONAL ACCESORIES AND SPECIAL EXECUTIONS		
PACKING		
AC00792	PACKING MODEL SMS - 200 / 250 / 325 X 1000	618 €
AC00794	PACKING MODEL SMS - 250 / 325 X 1500	719 €
AC00796	PACKING MODEL SMS - 325 X 2000	864 €
AC00798	PACKING MODEL SMS - 325 X 3000	1.032 €
RECOMMENDED SPARE PARTS		
AC00381	RECOMMENDED SPARE PARTS FOR SMS 200	265 €
AC00382	RECOMMENDED SPARE PARTS FOR SMS 250	279 €
AC01079	RECOMMENDED SPARE PARTS FOR SMS 325	308 €
AC00814	RECOMMENDED SPARE PARTS FOR SMS 250-105	465 €
AC00855	RECOMMENDED SPARE PARTS FOR SMS 325-105	470 €
AC00815	RECOMMENDED SPARE PARTS FOR SMS 325-155	470 €
AC00842	RECOMMENDED ELECTRICAL SPARE PARTS FOR SMS 200x750-SMS 200-250-325x1000 SIEMENS	875 €
AC00843	RECOMMENDED ELECTRICAL SPARE PARTS FOR SMS 250x1500 – SMS 325x1500-2000-3000 SIEMENS	875 €
AC00853	RECOMMENDED ELECTRICAL SPARE PARTS FOR SMS 200x750-SMS 200-250-325x1000 FAGOR	805 €
AC00854	RECOMMENDED ELECTRICAL SPARE PARTS FOR SMS 250x1500 – SMS 325x1500-2000-3000 FAGOR	805 €
OTHER OPTIONS		
AC00969	6 BAR COOLANT SYSTEM	812 €
AC00970	AC PANEL COOLER	1.177 €
AC01355	ANTIVIBRATION MOUNTING UNIT CNC200 1 UNIT	81 €
AC01356	ANTIVIBRATION MOUNTING UNIT CNC205-285-310-350 1 UNIT	81 €
AC01057	TOOL PRESETTER	3.555 €
AC00567	SOFTWARE TELEDIAGNOSIS 8055 FAGOR	425 €
AC01051	SOFTWARE MANUAL MACHINE PLUS MM+ SINUMERIK 808D SIEMENS	660 €
AC00568	FAGOR PORTABLE HANDWHEEL	1.300 €
AC00690	SIEMENS PORTABLE HANDWHEEL	1.625 €

> STS

MODELS:
STS 200 > STS 250 > STS 350

Work speed and versatility in up to 3 axis

The new STS CNC lathe series is versatile, fast and accurate, developed under the robust quality standards of the JAP premium technology. The new JAP beds provides increased rigidity improving the dimensional and thermal stability of the machine and reduces the level of vibration during the machining process.

The STS series has a headstock equipped with a belt-drive servomotor and a high quality and low run-out main spindle, providing a lathe with high spindle speed, reduced noise level and high quality surface finish capability. The JAP STS are lathes with up to 3 axes that provide extraordinary versatility in the world of machine tools.

STANDARD EQUIPMENT

- Fanuc Oi-TF Control
- Dynamic graphics / trajectory
- Profile Editor
- Electronic handwheel for X and Z axes
- Increased width and stiffness of the bed
- Direct drive headstock with servomotor
- High precision main spindle
- Reducing bush of main shaft and dead centers
- 8-position automatic turret with 4 toolholders
- Automatic lubrication of the guideways
- Refrigeration equipment
- Cast iron pedestals
- Precision Levellers
- LED Work light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

OPTIONAL EXTRAS

- Control Fagor 8055T, Siemens 828D
- C-axis
- Chucks with 3 and 4 jaws
- Rear chuck
- Hydraulic power chuck
- Hydraulic collect chuck
- Hydraulic tailstock
- Fixed Steady Rest
- Large capacity fixed steady rest
- Follow Rest
- Livetool 12 positions
- Live center
- Chip conveyor
- Electric transformer
- Higher pressure cooling system
- Electric panel refrigeration
- Anti-vibration kit
- Remote jog unit
- Tool Presetter
- Bar feeder

STS LATHE MODELS		
PR00055	CNC LATHE JAP STS 200 x 1000 mm - S1	54.441 €
PR00056	CNC LATHE JAP STS 200 x 1500 mm - S1	57.813 €
PR00057	CNC LATHE JAP STS 250 x 1000 mm - S1	64.246 €
PR00058	CNC LATHE JAP STS 250 x 1500 mm - S1	67.854 €
PR00059	CNC LATHE JAP STS 250 x 2000 mm - S1	72.407 €
PR00060	CNC LATHE JAP STS 250 x 3000 mm - S1	85.955 €
PR00061	CNC LATHE JAP STS 350 x 1000 mm - S1	70.678 €
PR00062	CNC LATHE JAP STS 350 x 2000 mm - S1	79.062 €
PR00063	CNC LATHE JAP STS 350 x 3000 mm - S1	93.067 €

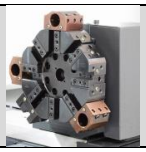
OPTIONAL EXTRAS

MAIN SPINDLE		
AC01036	ASA OPTION. 42 mm ASA A2-5 FOR STS-200	0 €
AC01037	ASA OPTION. 65 mm ASA A2-6 FOR STS-250	0 €
AC01040	ASA OPTION. 80 mm ASA A2-8 FOR STS-350	0 €

LARGER SPINDLE BORE OPTION FOR MODEL STS - 350		
AC01055	INCREASE 80 TO 105mm A8 SPINDLE BORE	4.140 €
AC01056	INCREASE 80 TO 155 mm A11 SPINDLE BORE	14.850 €

CONTROL OPTION		
AC00982	STANDARD PACKAGE FANUC 0i-TF ST/STS	0 €
AC00462	INCREASE FANUC TO SIEMENS 828 PACKAGE	1.700 €
AC00463	INCREASE FANUC TO FAGOR 8055i PACKAGE	1.700 €

CHUCKS AND JAWS		
REAR CHUCK FLANGE (REQUIRED TO ASSEMBLE REAR CHUCK) *		
AC00464	REAR CHUCK FLANGE FOR STS 200/42 BORE	217 €
AC00465	REAR CHUCK FLANGE FOR STS 250/65 BORE	233 €
AC00466	REAR CHUCK FLANGE FOR STS 350/80 BORE	550 €
AC00467	REAR CHUCK FLANGE FOR STS 350/105 BORE	550 €
AC00468	REAR CHUCK FLANGE FOR STS 350/155 BORE	600 €
HYDRAULIC CHUCK & CYLINIDER		
	FOR STS-200-42:	
AC00472	HYDRAULIC CHUCK Ø 160 + HYDRAULIC CYLINDER Ø 30 FOR STS-200-42	1.702 €
AC00473	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER Ø 30 FOR STS-200-42	1.933 €
	FOR STS-250-65:	
AC00474	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER Ø 52 FOR STS-250-65	2.100 €
AC00475	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER Ø 52 FOR STS-250-65	2.802 €
	FOR STS-350-80:	
AC00476	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER Ø 68 FOR STS-350-80	3.336 €
AC00477	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER Ø 68 FOR STS-350-80	3.653 €
	FOR STS-350-105:	
AC00478	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER Ø 92 FOR STS-350-105	6.683 €
	FOR STS-350-155:	
AC00479	HYDRAULIC CHUCK Ø 400 + HYDRAULIC CYLINDER Ø 140 FOR STS-350-155	10.980 €
HYDRAULIC COLLET CHUCK & CYLINDER		
AC00591	HYDRAULIC DL25 COLLET CHUCK + HYDRAULIC CYLINDER Ø 30 FOR STS	1.957 €
AC00592	HYDRAULIC DL40 COLLET CHUCK + HYDRAULIC CYLINDER Ø 48 FOR STS	2.348 €
AC00593	HYDRAULIC DL60 COLLET CHUCK + HYDRAULIC CYLINDER Ø 68 FOR STS	2.753 €
AC00594	HYDRAULIC DL80 COLLET CHUCK + HYDRAULIC CYLINDER Ø 92FOR STS	3.851 €
HYDRAULIC TAILSTOCK		
AC00403	HYDRAULIC TAIL STOCK FOR STS-200	1.511 €
AC00409	HYDRAULIC TAIL STOCK FOR STS-250	1.628 €
AC00413	HYDRAULIC TAIL STOCK FOR STS-350	4.550 €

TOOLPOSTS AND TURRETS		
DUPLOMATIC STANDARD AUTOMATIC TURRET		
AC00451	AUTOMATIC 8 STATION TURRET WITH BTH-3NOS ATH-1NOS - STS200 BSV-N100	0 €
AC00454	AUTOMATIC 8 STATION TURRET WITH BTH-3NOS ATH-1NOS - STS250 BSV-N120	0 €
AC01139	AUTOMATIC 8 STATION TURRET WITH BTH -3NOS ATH-1NOS - STS350 BSV-N160	0 €
DUPLOMATIC AUTOMATIC VDI TURRET		
AC00452	BSV-N100-12pos - left + DN-100-16-160/0-S-12 FOR SMS/STS-200	6.190 €
AC00453	BSV-N100-8pos - left + DN-100-20-160/0-S-8 FOR SMS/STS-200	6.190 €
AC00455	BSV-N120-12pos - left + DN-120-30-270/0-S-12 FOR SMS/STS-250	6.762 €
AC00469	BSV-N160-12pos - left + DN-160-30-270/0-S-12 FOR STS-350	6.762 €
AC00470	BSV-N160-12pos - left + DN-160-40-340/0-S-12 FOR STS-350	7.048 €
DUPLOMATIC LIVE TURRET		
AC00456	BSV-N120-12pos + ODT-N12 VDI30 DIN1809 FOR STS-250	11.268 €
AC00460	BSV-N160-12pos + ODT-N16 VDI30 DIN1809 FOR STS-350	11.238 €
BARUFFALDI AUTOMATIC TURRET - VERTICAL AXIS		
AC00471	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 160 FOR STS 350	9.429 €
LIVE TOOL HOLDERS FOR BSV-N120-12pos VDI30 DIN1809 / BSV-N160-12pos VDI30 DIN1809		
AC00598	AXIAL ATH-30-ER 25 VDI 30	1.238 €
AC00599	RADIAL RTH-30-ER 25 VDI 30	2.572 €

OTHER SPECIAL ACCESORIES AND EXECUTIONS		
C AXIS		
AC00987	C' AXIS FOR FAGOR	1.917 €
AC01030	C' AXIS FOR SIEMENS	1.917 €
AC01031	C' AXIS FOR FANUC	1.917 €
PACKING		
AC00779	PACKING MODEL ST - 180 / 225 / 285 / 310 / 400 X 1000	618 €
AC00781	PACKING MODEL ST - 225 / 285 / 310 X 1500	719 €
AC00783	PACKING MODEL ST - 285 / 310 / 400 / 500 X 2000	864 €
AC00785	PACKING MODEL ST - 285 / 310 / 400 / 500 X 3000	1.032 €
RECOMMENDED SPARE PARTS		
AC00182	RECOMMENDED SPARE PARTS FOR STS200 FAGOR	297 €
AC00587	RECOMMENDED SPARE PARTS FOR STS200 FANUC	297 €
AC00985	RECOMMENDED SPARE PARTS FOR STS200 SIEMENS	297 €
AC00991	RECOMMENDED SPARE PARTS FOR STS250 FAGOR	324 €
AC00992	RECOMMENDED SPARE PARTS FOR STS250 FANUC	324 €
AC00994	RECOMMENDED SPARE PARTS FOR STS250 SIEMENS	324 €
AC00995	RECOMMENDED SPARE PARTS FOR STS350 FAGOR	337 €

AC00996	RECOMMENDED SPARE PARTS FOR STS350 FANUC	337 €
AC00997	RECOMMENDED SPARE PARTS FOR STS350 SIEMENS	337 €
AC00998	RECOMMENDED ELECTRICAL SPARE PARTS FOR STS 250x1000 - STS350x1000 SIEMENS	875 €
AC00999	RECOMMENDED ELECTRICAL SPARE PARTS FOR STS 250x1500-STS350x1500-2000-3000 SIEMENS	875 €
AC01000	RECOMMENDED ELECTRICAL SPARE PARTS FOR STS 250x1000 - STS350x1000 FAGOR	805 €
AC01001	RECOMMENDED ELECTRICAL SPARE PARTS FOR STS250x1500 - STS350x1500-2000-3000 FAGOR	805 €
AC01002	RECOMMENDED ELECTRICAL SPARE PARTS FOR STS 250x1000 - STS350x1000 FANUC	828 €
AC01007	RECOMMENDED ELECTRICAL SPARE PARTS FOR STS 250x1500-STS350x1500-2000-3000 FANUC	828 €
OTHER OPTION		
AC00969	6 BAR COOLANT SYSTEM	812 €
AC00970	AC PANEL COOLER	1.176 €
AC01355	ANTIVIBRATORIO CNC200 1 UNIDAD	81 €
AC01356	ANTIVIBRATORIO CNC205-285-310-350 1 UNIDAD	81 €
AC01057	TOOL PRESETTER	3.555 €
AC00567	SOFTWARE TELEDIAGNOSIS 8055 FAGOR	425 €
AC01058	FANUC OI TF-MANUAL GUIDE	1.800 €
AC01118	FANUC 0i-TF ARBITRARY SPEED THREADING	1.260 €
AC01050	SOFTWARE SHOP TURN WITH 3D SIMULATION SIEMENS	705 €
AC00568	FAGOR PORTABLE HANDWHEEL	1.300 €
AC01099	FANUC PORTABLE HANDWHEEL	825 €
AC00690	SIEMENS PORTABLE HANDWHEEL	1.625 €
AC00667	SERVO BAR FEEDER Ø 6-120 mm X 100-1600 mm BAR LENGTH	17.321 €

> STH

MODELS:
STH 400 > STH 500

JAP

Large roughing CNC lathes with up to 4 axes

The STH series of CNC lathes marks a milestone among flatbed numerical control machines. STH are parallel lathes with up to 4 axes that have a reputation for versatility within their segment without loss of precision and quality of surface finish that have made STH a reference in the world of machine tools.

The headstock of the STH series is equipped with a 2-step gear box providing a high output in the roughing operation. In addition, the high quality and reduced run-out main spindle of the JAP machines, makes the STH the best friend of the most complex works.

STH parallel lathes have been designed with our most demanding customers in mind, using the highest quality components combined with the most innovative technology, the result of more than 70 years of experience.

Models with up to 4 CNC axes, 1050 mm turning on over bed and 5000 mm between centres.

STANDARD EQUIPMENT

- Fanuc 0i-TF
- Dynamic graphics / trajectory
- Profile Editor
- Screen 15"
- High precision main spindle
- Reducing bush of main shaft and dead centres
- Servomotor
- Gearbox 2 ranges
- 8-position automatic turret with 4 toolholders
- Remote jog unit
- Refrigeration equipment
- Cast iron pedestals
- Precision Levellers
- LED Work light
- Status signal light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

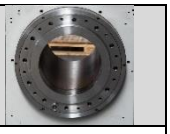
OPTIONAL EXTRAS

- Fanuc Fagor 8060T, Siemens 828D
- Boring bar up to 310 mm
- High accuracy C-axis
- Y-axis
- Automatic and live tool 8 or 12 positions VDI or BMT
- Chucks with 3 and 4 jaws
- Hydraulic chuck and tailstock
- Fixed steady rests of various capacities
- Follow Rest
- Hydraulic Steady Rest
- Electric transformer
- Rear chuck
- Support for boring bars
- Live center
- Higher pressure coolant pump
- Chip conveyor
- Linear capitation scales
- Tool Presetter
- Electric panel cooler

STH LATHE MODELS		
PR00046	CNC LATHE JAP STH 400 x 1000 mm - S1	122.906 €
PR00047	CNC LATHE JAP STH 400 x 2000 mm - S1	127.118 €
PR00048	CNC LATHE JAP STH 400 x 3000 mm - S1	133.284 €
PR00049	CNC LATHE JAP STH 400 x 4000 mm - S1	143.024 €
PR00050	CNC LATHE JAP STH 400 x 5000 mm - S1	155.202 €
PR00051	CNC LATHE JAP STH 500 x 2000 mm - S1	138.941 €
PR00052	CNC LATHE JAP STH 500 x 3000 mm - S1	149.897 €
PR00053	CNC LATHE JAP STH 500 x 4000 mm - S1	158.690 €
PR00054	CNC LATHE JAP STH 500 x 5000 mm - S1	172.184 €

OPTIONAL EXTRAS

MAIN SPINDLE		
AC01089	MAIN SPINDLE BORE Ø105 A8 FOR STH 400	0 €
AC01090	MAIN SPINDLE BORE Ø130 A8 FOR STH 500	0 €

LARGER SPINDLE BORE OPTION		
AC00542	INCREASE 105 TO 155 mm A11 SPINDLE BORE / STH400	9.490 €
AC00765	INCREASE 105 TO 230 mm A15 SPINDLE BORE / STH400	28.023 €
AC00485	INCREASE 130 TO 155 mm A11 SPINDLE BORE / STH500	7.390 €
AC00612	INCREASE 130 TO 230 mm A15 SPINDLE BORE / STH500	26.304 €
AC00619	INCREASE 130 TO 360 mm A20 SPINDLE BORE / STH500	55.984 €

CONTROL OPTION		
AC00983	STANDARD PACKAGE FANUC 0i-TF STH	0 €
AC00462	INCREASE FANUC TO SIEMENS 828 PACKAGE	4.510 €
AC00493	INCREASE FANUC TO FAGOR 8060 PACKAGE	8.011 €

ADDITIONAL AXIS		
Y AXIS		
AC00406	"Y" AXIS H400	10.100 €
AC00407	"Y" AXIS H500	10.100 €
C AXIS		
AC00537	"C" AXIS CONTINOUS POSITIONING SPINDLE HOLE 105 FOR STH	13.850 €
AC00480	"C" AXIS CONTINOUS POSITIONING SPINDLE HOLE 130 FOR STH	13.850 €
AC00538	"C" AXIS CONTINOUS POSITIONING SPINDLE HOLE 155 FOR STH	13.850 €
AC00539	"C" AXIS CONTINOUS POSITIONING SPINDLE HOLE 230 FOR STH	13.850 €
AC00481	"C" AXIS CONTINOUS POSITIONING SPINDLE HOLE 360 FOR STH	13.850 €
HIGH ACCURACY C AXIS (NOT AVAILABLE FOR FANUC)		
AC00543	"C" AXIS CONTINOUS POSITIONING HIGH PRECISION SPINDLE HOLE 105 FOR STH	16.950 €
AC00486	"C" AXIS CONTINOUS POSITIONING HIGH PRECISION SPINDLE HOLE 130 FOR STH	16.950 €
AC00544	"C" AXIS CONTINOUS POSITIONING HIGH PRECISION SPINDLE HOLE 155 FOR STH	16.950 €
AC00545	"C" AXIS CONTINOUS POSITIONING HIGH PRECISION SPINDLE HOLE 230 FOR STH	23.950 €
AC00487	"C" AXIS CONTINOUS POSITIONING HIGH PRECISION SPINDLE HOLE 360 FOR STH	23.950 €

CHUCKS AND JAWS		
REAR CHUCK FLANGE		
AC00767	REAR CHUCK FLANGE FOR STH HOLE 105 mm	867 €
AC00620	REAR CHUCK FLANGE FOR STH HOLE 130 mm	867 €
AC00768	REAR CHUCK FLANGE FOR STH HOLE 155 mm	867 €
AC00769	REAR CHUCK FLANGE FOR STH HOLE 230 mm	1.100 €
AC00623	REAR CHUCK FLANGE FOR STH HOLE 310 mm	1.100 €
HYDRAULIC CHUCK & CYLINDER		
	FOR STH 400 105	
AC00795	HYDRAULIC CHUCK Ø 450 + HYDRAULIC CYLINDER Ø 91 FOR STH-400-105	11.250 €
	FOR STH 500 130	
AC00759	HYDRAULIC CHUCK Ø 530 + HYDRAULIC CYLINDER Ø 117,5 FOR STH-500-130	14.700 €
	FOR STH 400/500 155	
AC00797	HYDRAULIC CHUCK Ø 500 + HYDRAULIC CYLINDER Ø 160 FOR STH-400/500-155	23.400 €
	FOR STH 400/500 230	
AC00799	HYDRAULIC CHUCK Ø 630 + HYDRAULIC CYLINDER Ø 225 FOR STH-400/500-230	31.550 €
	FOR STH 400 105 (IF ALREADY FITTED WITH C AXIS)	
AC00807	HYDRAULIC CHUCK Ø 450 + HYDRAULIC CYLINDER Ø 91 FOR STH-400-105 (if fitted with C axis)	11.250 €
	FOR STH 500 130 (IF ALREADY FITTED WITH C AXIS)	

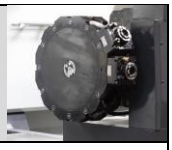
AC00760	HYDRAULIC CHUCK Ø 530 + HYDRAULIC CYLINDER Ø 117,5 FOR STH-500-130(if fitted with C axis)	14.700 €
	FOR STH 400/500 155 (IF ALREADY FITTED WITH C AXIS)	
AC00808	HYDRAULIC CHUCK Ø 500 + HYDRAULIC CYLINDER Ø 160 FOR STH-400/500-155 (if fitted with C axis)	23.400 €
	FOR STH 400/500 230 (IF ALREADY FITTED WITH C AXIS)	
AC00809	HYDRAULIC CHUCK Ø 630 + HYDRAULIC CYLINDER Ø 225 FOR STH-400/500-230 (if fitted with C axis)	31.550 €
HYDRAULIC TAILSTOCK		
AC00780	HYDRAULIC TAILSTOCK SH/STH-400	4.550 €
AC00624	HYDRAULIC TAILSTOCK SH/STH-500	4.550 €
SET OF JAWS FOR HYDRAULIC CHUCK		
AC00659	SET OF JAWS Ø 450 mm CHUCK	319 €
AC00660	SET OF JAWS Ø 530 mm CHUCK	490 €
AC00661	SET OF JAWS Ø 500 mm CHUCK AND Ø 630 mm CHUCK	490 €
AC00662	SET OF HARD JAW-INTERNAL FOR Ø 450 mm CHUCK	990 €
AC00663	SET OF HARD JAW-REVERSIBLE FOR Ø 530 mm CHUCK	1.825 €
AC00664	SET OF HARD JAW-REVERSIBLE FOR Ø 500 mm CHUCK AND Ø 630 mm CHUCK	1.825 €
SET OF OPTIONAL JAWS		
AC00394	SET OF SOFT JAWS FOR 3 JAW CHUCK Ø 500 mm	670 €
AC00395	SET OF SOFT JAWS FOR 3 JAW CHUCK Ø 630 mm	473 €
AC00416	SET OF SOFT JAWS FOR 4 JAW CHUCK Ø 400 mm	670 €
AC00418	SET OF SOFT JAWS FOR 4 JAW CHUCK Ø 500 mm	895 €
AC00419	SET OF SOFT JAWS FOR 4 JAW CHUCK Ø 630 mm	535 €
AC00390	SET OF INTERIOR HARD JAWS FOR 3 JAW UNIVERSAL CHUCK Ø 400 mm	650 €
AC00032	SET OF INTERIOR HARD JAWS FOR 3 JAW UNIVERSAL CHUCK Ø 500 mm	1.100 €
AC00393	SET OF INTERIOR HARD JAWS FOR 3 JAW UNIVERSAL CHUCK Ø 630 mm	708 €
AC00412	SET OF INTERIOR HARD JAWS FOR 4 JAW UNIVERSAL CHUCK Ø 400 mm	1.150 €
AC00414	SET OF INTERIOR HARD JAWS FOR 4 JAW UNIVERSAL CHUCK Ø 500 mm	1.580 €
AC00415	SET OF INTERIOR HARD JAWS FOR 4 JAW UNIVERSAL CHUCK Ø 630 mm	535 €
AC00018	SET OF EXTERIOR HARD JAWS FOR 3 JAW UNIVERSAL CHUCK Ø 400 mm	650 €
AC00019	SET OF EXTERIOR HARD JAWS FOR 3 JAW UNIVERSAL CHUCK Ø 500 mm	1.100 €
AC00389	SET OF EXTERIOR HARD JAWS FOR 3 JAW UNIVERSAL CHUCK Ø 630 mm	708 €
AC00408	SET OF EXTERIOR HARD JAWS FOR 4 JAW UNIVERSAL CHUCK Ø 400 mm	1.150 €
AC00410	SET OF EXTERIOR HARD JAWS FOR 4 JAW UNIVERSAL CHUCK Ø 500 mm	1.580 €
AC00411	SET OF EXTERIOR HARD JAWS FOR 4 JAW UNIVERSAL CHUCK Ø 630 mm	670 €
SET OF BASE & TOP JAWS		
AC00396	BASE JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 500 mm	830 €
AC00397	BASE JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 630 mm	1.110 €
AC00420	BASE JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 400 mm	743 €
AC00422	BASE JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 500 mm	1.100 €
AC00423	BASE JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 630 mm	1.338 €

AC00402	HARD TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 400 mm	571 €
AC00404	HARD TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 500 mm	827 €
AC00405	HARD TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 630 mm	998 €
AC00427	HARD TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 400 mm	763 €
AC00428	HARD TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 500 mm	1.032 €
AC00429	HARD TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 630 mm	1.190 €
AC00050	SOFT TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 400 mm	367 €
AC00400	SOFT TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 500 mm	427 €
AC00401	SOFT TOP JAWS FOR UNIVERSAL 3 JAW CHUCK Ø 630 mm	470 €
AC00424	SOFT TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 400 mm	475 €
AC00425	SOFT TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 500 mm	598 €
AC00426	SOFT TOP JAWS FOR UNIVERSAL 4 JAW CHUCK Ø 630 mm	660 €

STEADIES		
STEADIES (INCLUDE ARMS WITH ROLLERS)		
AC00439	FIXED STEADY REST H400 B425 CAPACITY Ø (90 - 300)	1.098 €
AC00437	FIXED STEADY REST H400 B425 CAPACITY Ø (300 - 530)	1.882 €
AC00441	FIXED STEADY REST H500 B500 CAPACITY Ø (30 - 380)	1.647 €
AC00443	FIXED STEADY REST H500 B500 CAPACITY Ø (370 - 730) D68	3.000 €
AC01176	FOLLOW REST H400 B425CAPACITY Ø (70 - 290)	980 €
AC00442	FOLLOW REST H500 B500 CAPACITY Ø (35 - 300)	1.412 €
HYDRAULIC STEADIES		
AC00440	HYDRAULIC STEADY REST CAPACITY SMW AUTOBLOK SLU-B Z 4 (35 -245) H400 B425	20.833 €
AC00444	HYDRAULIC STEADY REST CAPACITY SMW AUTOBLOK SLU-B Z 4 (35 -245) H500 B500	20.833 €

LINEAR SCALES		
LINEAR SCALES FOR FANUC		
AC00508	LINEAR SCALES X-Z 1000 FANUC STH	4.414 €
AC00509	LINEAR SCALES X-Z 2000 FANUC STH	5.401 €
AC00510	LINEAR SCALES X-Z 3000 FANUC STH	6.548 €
AC00511	LINEAR SCALES X-Z 4000 FANUC STH	8.390 €
AC00512	LINEAR SCALES X-Z 5000 FANUC STH	9.336 €
AC00513	LINEAR SCALES X-Y-Z 1000 FANUC STH	5.512 €
AC00514	LINEAR SCALES X-Y-Z 2000 FANUC STH	5.996 €
AC00515	LINEAR SCALES X-Y-Z 3000 FANUC STH	7.833 €
AC00516	LINEAR SCALES X-Y-Z 4000 FANUC STH	9.829 €
AC00517	LINEAR SCALES X-Y-Z 5000 FANUC STH	10.842 €

LINEAR SCALES FOR FAGOR		
AC00498	LINEAR SCALES X-Z 1000 FAGOR STH	3.670 €
AC00499	LINEAR SCALES X-Z 2000 FAGOR STH	4.544 €
AC00500	LINEAR SCALES X-Z 3000 FAGOR STH	5.570 €
AC00501	LINEAR SCALES X-Z 4000 FAGOR STH	7.160 €
AC00502	LINEAR SCALES X-Z 5000 FAGOR STH	9.040 €
AC00503	LINEAR SCALES X-Y-Z 1000 FAGOR STH	4.512 €
AC00504	LINEAR SCALES X-Y-Z 2000 FAGOR STH	5.412 €
AC00505	LINEAR SCALES X-Y-Z 3000 FAGOR STH	6.438 €
AC00506	LINEAR SCALES X-Y-Z 4000 FAGOR STH	8.473 €
AC00507	LINEAR SCALES X-Y-Z 5000 FAGOR STH	9.040 €
LINEAR SCALES FOR SIEMENS		
AC00518	LINEAR SCALES X-Z 1000 SIEMENS STH	5.250 €
AC00519	LINEAR SCALES X-Z 2000 SIEMENS STH	6.224 €
AC00520	LINEAR SCALES X-Z 3000 SIEMENS STH	7.437 €
AC00521	LINEAR SCALES X-Z 4000 SIEMENS STH	8.542 €
AC00522	LINEAR SCALES X-Z 5000 SIEMENS STH	9.355 €
AC00523	LINEAR SCALES X-Y-Z 1000 SIEMENS STH	6.488 €
AC00524	LINEAR SCALES X-Y-Z 2000 SIEMENS STH	7.460 €
AC00525	LINEAR SCALES X-Y-Z 3000 SIEMENS STH	8.675 €
AC00526	LINEAR SCALES X-Y-Z 4000 SIEMENS STH	9.780 €
AC00527	LINEAR SCALES X-Y-Z 5000 SIEMENS STH	10.593 €

TOOLPOSTS AND TURRETS		
DUPLOMATIC STANDARD 8 STATION AUTOMATIC TURRET		
AC01341	TORRETA BSVN200 8 POS DS STH-400	0 €
AC01340	TORRETA BSVN250 8 POS DS STH-500	0 €
MULTIFIX QUICK CHANGE TOOLPOST		
AC00565	MULTIFIX TURRET D1 SH/STH 400	3.050 €
AC00536	MULTIFIX TURRET D2 SH/STH 500	4.375 €
ALGRA QUICK CHANGE TOOLPOST		
AC01117	QUICK CHANGE TOOL POST TGA-R-400 ALGRA FOR SH/STH 500	4.800 €
DUPLOMATIC AUTOMATIC VDI TURRET		
AC00550	BSV-N200-8pos VDI 40 DN FOR STH-400	7.523 €
AC00551	BSV-N200-12pos VDI 40 DN FOR STH-400	7.714 €
AC00495	BSV-N250-8pos VDI 50 DN FOR STH-500	8.000 €
AC00496	BSV-N250-12pos VDI 50 DN FOR STH-500	8.190 €

DUPLOMATIC LIVE TOOL TURRET		
AC00552	BSV-N200-12pos + ODT-N20 VDI40 DIN1809 FOR STH-400	12.500 €
AC00497	BSV-N250-12pos + ODT-N25 VDI50 DIN1809 FOR STH-500	14.000 €
BARUFFALDI TURRETS FOR STH 400		
AC00563	LIVE TOOL AXIAL 12 STATIONS VDI 40 - TBHMA200-12 VDI 40 Ø 340/410	17.560 €
AC00560	LIVE TOOL RADIAL 12 STATIONS BMT65 - TBMR200-12 BMT65 KEY 365	21.780 €
AC00562	LIVE TOOL RADIAL 12 STATIONS VDI 40 - TBMR200-12 VDI 40 KEY 320	23.506 €
AC00561	LIVE TOOL RADIAL 12 STATIONS BMT65 - TBYR200-12 BMT65 KEY 365 - FOR Y AXIS	24.550 €
BARUFFALDI TURRETS FOR STH 500		
AC00534	AUTOMATIC 12 STATIONS VDI 50 - TBH250-12 VDI 50 Ø 400/480	13.211 €
AC00533	LIVE TOOL AXIAL 8 STATIONS VDI 50 - TBHMA250-8 VDI 50 Ø 400/480	20.220 €
AC00532	LIVE TOOL AXIAL 12 STATIONS VDI 50 - TBHMA250-12 VDI 50 Ø 400/480	20.445 €
AC00530	LIVE TOOL RADIAL 12 STATIONS BMT75 - TBMR250-12 BMT75 KEY 430	27.137 €
AC00531	LIVE TOOL RADIAL 12 STATIONS VDI 50 - TBMR250-12 VDI 50 KEY 380	27.437 €
AC00529	LIVE TOOL RADIAL 12 STATIONS BMT75 - TBYR250-12 BMT75 KEY 430 - FOR Y AXIS	29.123 €
BARUFFALDI AUTOMATIC TURRET VERTICAL AXIS		
AC00564	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 210 FOR SH-STH 400	11.400 €
AC00535	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 265 FOR SH-STH 500	13.650 €
TOOL HOLDERS FOR ALGRA QCTP		
AC00625	TOOL HOLDER 1300/400 ALGRA QUICK CHANGE TOOL POST 1000/5TGA 400R	554 €
AC00626	TOOL HOLDER 1310/400 ALGRA QUICK CHANGE TOOL POST 1000/5TGA 400R	554 €
AC00627	TOOL HOLDER 1320/400 ALGRA QUICK CHANGE TOOL POST 1000/5TGA 400R	837 €
AC00628	TOOL HOLDER 1340/400 ALGRA QUICK CHANGE TOOL POST 1000/5TGA 400R	1.108 €
HOLDERS FOR BSV-N200-8pos SLOT 32		
AC00324	TOOL HOLDER BTH 32-40	155 €
AC00601	TOOL HOLDER BTH 32-50 CH-40	155 €
AC00602	TOOL HOLDER AXIAL ATH 32-32	172 €
HOLDERS FOR BSV-N250-8pos SLOT 40		
AC00337	TOOL HOLDER BTH 40-40	185 €
AC00338	TOOL HOLDER BTH 40-50 CH-40	185 €
AC01039	TOOL HOLDER AXIAL ATH 40-40	206 €
HOLDERS FOR BSV- N250 VDI 50		
AC00615	TOOL HOLDER VDI-50 (E2 50-16)	158 €
AC00616	TOOL HOLDER VDI-50 (E2 50-20)	158 €
AC00617	TOOL HOLDER VDI-50 (E2 50-25)	158 €
AC00618	TOOL HOLDER VDI-50 (E2 50-32)	158 €
AC00651	TOOL HOLDER VDI-50 (E2 50-40)	158 €
AC00650	TOOL HOLDER VDI-50 (E2 50-50)	158 €
AC00621	TOOL HOLDER AXIAL VDI-50 C2-50-32-100	191 €
AC00622	TOOL HOLDER RADIAL VDI-50 B2-50-32-100	162 €

HOLDERS FOR LIVE TOOL BSV-N200-12pos VDI40 DIN1809		
AC00613	LIVE TOOL HOLDER VDI-40 AXIAL ATH-40-ER 32	1.428 €
AC00614	LIVE TOOL HOLDER RADIAL VDI-40 RTH-40 ER 32	3.028 €
HOLDERS FOR LIVE TOOL BSV-N250-12pos VDI50 DIN1809		
AC01364	AXIAL ROTATING TOOLHOLDER VDI 50	1.857 €
AC01365	RADIAL ROTATING TOOLHOLDER VDI 50	3.524 €
LIVE TOOLHOLDERS FOR STH 400		
AC00633	LIVE TOOL HOLDER AXIAL VDI 40 PRA-40-ER32/50-T	1.839 €
AC00634	LIVE TOOL HOLDER RADIAL VDI 40 PRR-S-40-ER-32/50-T	3.400 €
AC00635	LIVE TOOL HOLDER AXIAL BMT 65-A-ER32/50-T	1.839 €
AC00636	LIVE TOOL HOLDER AXIAL BMT 65-R-ER32/50-T-H72	3.600 €
STATIC TOOL HODLERS FOR STH 400		
AC00629	RADIAL TOOL HOLDER VDI 40 B2-40 X 25 X 44	243 €
AC00632	RADIAL TOOL HOLDER LONGER VDI 40 B6-40 X 25 X 44	312 €
AC00637	AXIAL TOOL HOLDER VDI 40 C1-40 X 25 X 85	309 €
AC00638	BORING TOOL HOLDER VDI 40 WITH THROW COOLANT E1-40 X 40	243 €
AC00631	TOOL HOLDER VDI 40 WITHOUT THROW COOLANT E2-40 X 40	267 €
AC00639	AXIAL TOOL HOLDER PF-BMT65-C25 x 75	708 €
AC00640	RADIAL TOOL HOLDER PF-BMT65-E40 x 72	820 €
LIVE TOOLHOLDERS FOR STH 500		
AC00641	LIVE TOOL HOLDER AXIAL VDI 50 PRA-50-ER40/50-T	1.938 €
AC00642	LIVE TOOL HOLDER RADIAL VDI 50 PRR-S-50-ER40/50-T	3.550 €
AC00643	LIVE TOOL HOLDER RADIAL BMT 75-A-PX40/40	2.098 €
AC00644	LIVE TOOL HOLDER AXIAL BMT 75-R-PX40/40-H60	5.421 €
STATIC TOOL HOLDERS FOR STH 500		
AC00645	RADIAL TOOL HOLDER VDI 50 B2-50 X 32 X 55	339 €
AC00646	RADIAL TOOL HOLDER LONGER VDI 50 B6-50 X 32 X 55	483 €
AC00647	AXIAL TOOL HOLDER VDI 50 C1-50 X 32 X 100	387 €
AC00648	BORING TOOL HOLDER VDI 50 WITH THROW COOLANT E1-50 X 50	324 €
AC00649	BORING TOOL HOLDER VDI 50 WITH THROW COOLANT E1-50 X 40	324 €
AC00650	TOOL HOLDER VDI 50 WITHOUT THROW COOLANT VDI 50 E2-50 X 50	345 €
AC00651	TOOL HOLDER VDI 50 WITHOUT THROW COOLANT VDI 50 E2-50 X 40	312 €
MS00207	AXIAL TOOL HOLDER PF-BMT 75-C25 X 50	714 €
MS00208	RADIAL TOOL HOLDER PF-BMT 75-E60 X 60	1.152 €
BORING SLEEVES		
AC00373	BORING SLEEVE - OD Ø 50 - ID Ø16	48 €
AC00374	BORING SLEEVE - OD Ø 50 - ID Ø20	48 €
AC00375	BORING SLEEVE - OD Ø 50 - ID Ø25	48 €
AC00376	BORING SLEEVE - OD Ø 50 - ID Ø32	48 €
AC00377	BORING SLEEVE - OD Ø 50 - ID Ø40	48 €

OTHER OPTIONAL ACCESSORIES AND SPECIAL EXECUTIONS		
CHIP CONVEYOR		
AC00553	CHIP CONVEYOR 1000 mm	4.146 €
AC00554	CHIP CONVEYOR 2000 mm	4.670 €
AC00555	CHIP CONVEYOR 3000 mm	4.878 €
AC00556	CHIP CONVEYOR 4000 mm	5.506 €
AC00557	CHIP CONVEYOR 5000 mm	7.075 €
FULLY ENCLOSURE TAILSTOCK (SHEETMETAL)		
AC00812	FULLY ENCLOSURE SHEETMETAL SH-STH400 X 1000/2000/3000/4000	2.750 €
AC00813	FULLY ENCLOSURE SHEETMETAL SH-STH400 X 5000	2.750 €
AC00761	FULLY ENCLOSURE SHEETMETAL SH-STH500 X 2000/3000/4000	2.950 €
AC00763	FULLY ENCLOSURE SHEETMETAL SH-STH500 X 5000	2.950 €
PACKING		
AC00288	PACKING MODEL SH/STH 400 L=1000	900 €
AC00289	PACKING MODEL SH/STH 400 L=2000	1.005 €
AC00290	PACKING MODEL SH/STH 400 L=3000	1.175 €
AC00787	PACKING MODEL SH/STH 400 L=4000	1.550 €
AC00790	PACKING MODEL SH/STH 400 L=5000	1.649 €
AC00958	PACKING MODEL SH/STH 400 L=1000 CON EXTRACTOR DE VIRUTAS	1.091 €
AC00965	PACKING MODEL SH/STH 400 L=2000 CON EXTRACTOR DE VIRUTAS	1.191 €
AC00966	PACKING MODEL SH/STH 400 L=3000 CON EXTRACTOR DE VIRUTAS	1.325 €
AC01128	PACKING MODEL SH/STH 400 L=4000 CON EXTRACTOR DE VIRUTAS	1.700 €
AC01129	PACKING MODEL SH/STH 400 L=5000 CON EXTRACTOR DE VIRUTAS	1.920 €
AC01130	PACKING MODEL SH/STH 500 L=2000	1.005 €
AC01131	PACKING MODEL SH/STH 500 L=3000	1.175 €
AC01132	PACKING MODEL SH/STH 500 L=4000	1.550 €
AC01133	PACKING MODEL SH/STH 500 L=5000	1.649 €
AC01134	PACKING MODEL SH/STH 500 L=2000 CON EXTRACTOR DE VIRUTAS	1.191 €
AC01135	PACKING MODEL SH/STH 500 L=3000 CON EXTRACTOR DE VIRUTAS	1.325 €
AC01136	PACKING MODEL SH/STH 500 L=4000 CON EXTRACTOR DE VIRUTAS	1.700 €
AC01137	PACKING MODEL SH/STH 500 L=5000 CON EXTRACTOR DE VIRUTAS	1.920 €
RECOMMENDED SPARE PARTS		
CONSULT	BASIC RECOMMENDED SPARE PARTS FOR SH/STH 400-105-155 500-130-155	1.810 €
CONSULT	BASIC RECOMMENDED SPARE PARTS FOR SH/STH 400-230 500-230-310	4.190 €
OTHER OPTIONS		
AC00969	6 BAR COOLANT SYSTEM	812 €
AC00970	AC PANEL COOLER	1.176 €
AC00971	ANTIVIBRATION MOUNTING UNIT SH/STH 1 UNIT	90 €
AC01174	RENISHAW VERTICAL TOOL PRESETTER STH 105-130-155	3.555 €
AC01175	RENISHAW VERTICAL TOOL PRESETTER STH 230-310	3.555 €

AC01058	FANUC OI TF-MANUAL GUIDE	1.800 €
AC01118	FANUC 0i-TF ARBITRARY SPEED THREADING	1.260 €
AC01050	SOFTWARE SHOP TURN WITH 3D SIMULATION SIEMENS	705 €
AC00665	FANUC PORTABLE HANDWHEEL A02B-0259-C221#A/CABLE 4M	3.900 €
AC00549	REAR TOOL HOLDER Ø60 CNC400	3.555 €
AC00494	REAR TOOL HOLDER Ø100 CNC500	3.620 €

OPTIONAL EXTRAS FOR ALL JAP MODELS

CHUCKS AND JAWS		
UNIVERSAL 3 JAW CHUCK (CAST IRON BODY) FITTED WITH HARD JAWS (ASA FITTING)		
AC00082	Ø 160 mm - ASA 5 (MAX. RPM - 2600, HOLE 42 mm)	705 €
AC00083	Ø 200 mm - ASA 5 (MAX. RPM - 2000, HOLE 55 mm)	825 €
AC00084	Ø 200 mm - ASA 6 (MAX. RPM - 2000, HOLE 55 mm)	843 €
AC00085	Ø 250 mm - ASA 6 (MAX. RPM - 1600, HOLE 76 mm)	1.092 €
AC01279	Ø 250 mm - ASA 8 (MAX. RPM - 1600, HOLE 76 mm)	1.115 €
AC00086	Ø 315 mm - ASA 8 (MAX. RPM - 1250, HOLE 103 mm)	1.492 €
AC00087	Ø 400 mm - ASA 8 (MAX. RPM - 1000, HOLE 136 mm) *with two-piece jaw*	2.671 €
AC00076	Ø 400 mm - ASA 11 (MAX. RPM - 1000, HOLE 155 mm) *with two-piece jaw*	2.795 €
AC00077	Ø 500 mm (MAX. RPM - 800, HOLE CAPACITY - 190)	4.550 €
AC00080	Ø 500 mm (MAX. RPM - 800, HOLE CAPACITY - 230)	3.900 €
AC00081	Ø 630 mm (MAX. RPM - 650, HOLE CAPACITY - 252)	7.200 €
AC01278	Ø 630 mm (MAX. RPM - 650, HOLE CAPACITY - 310)	7.600 €
AC00097	Ø 160 mm - CAMLOCK D1-5 (MAX. RPM - 2600, HOLE 42 mm)	705 €
AC00098	Ø 200 mm - CAMLOCK D1-5 (MAX. RPM - 2000, HOLE 55 mm)	825 €
AC01294	Ø 200 mm - CAMLOCK D1-6 (MAX. RPM - 2000, HOLE 55 mm)	843 €
AC01295	Ø 250 mm - CAMLOCK D1-6 (MAX. RPM - 1600, HOLE 76 mm)	1.092 €
AC01296	Ø 250 mm - CAMLOCK D1-8 (MAX. RPM - 1600, HOLE 76 mm)	1.115 €
AC01297	Ø 315 mm - CAMLOCK D1-8 (MAX. RPM - 1250, HOLE 103 mm)	1.492 €
AC00101	Ø 400 mm - CAMLOCK D1-8 (MAX. RPM - 1000, HOLE 136 mm) *with two-piece jaw*	2.100 €
UNIVERSAL 4 JAW CHUCK (CAST IRON BODY) FITTED WITH HARD JAWS (ASA FITTING)		
AC01303	Ø 160 mm - ASA 5 (MAX. RPM - 2600, HOLE 42 mm)	952 €
AC00141	Ø 200 mm - ASA 5 (MAX. RPM - 2000, HOLE 55 mm)	1.090 €
AC01304	Ø 200 mm - ASA 6 (MAX. RPM - 2000, HOLE 55 mm)	1.110 €
AC01305	Ø 250 mm - ASA 6 (MAX. RPM - 1600, HOLE 76 mm)	1.518 €
AC01306	Ø 250 mm - ASA 8 (MAX. RPM - 1600, HOLE 76 mm)	1.543 €
AC01307	Ø 315 mm - ASA 8 (MAX. RPM - 1250, HOLE 103 mm)	2.031 €
AC01308	Ø 400 mm - ASA 8 (MAX. RPM - 1000, HOLE 136 mm) *with two-piece jaw*	3.624 €
AC00140	Ø 400 mm (MAX. RPM - 1000, HOLE CAPACITY - 136)	3.749 €
AC01298	Ø 400 mm (MAX. RPM - 1000, HOLE CAPACITY - 155)	3.749 €
AC01299	Ø 500 mm (MAX. RPM - 800, HOLE CAPACITY - 190)	6.600 €
AC01300	Ø 500 mm (MAX. RPM - 800, HOLE CAPACITY - 230)	6.800 €
AC01301	Ø 630 mm (MAX. RPM - 650, HOLE CAPACITY - 252)	9.990 €
AC01302	Ø 630 mm (MAX. RPM - 650, HOLE CAPACITY - 310)	10.100 €
AC01329	Ø 160 mm - CAMLOCK D1-5 (MAX. RPM - 2600, HOLE 42 mm)	750 €
AC01330	Ø 200 mm - CAMLOCK D1-5 (MAX. RPM - 2000, HOLE 55 mm)	850 €
AC01121	Ø 200 mm - CAMLOCK D1-6 (MAX. RPM - 2000, HOLE 55 mm)	860 €

AC01331	Ø 250 mm - CAMLOCK D1-6 (MAX. RPM - 1600, HOLE 76 mm)	1.150 €
AC00142	Ø 250 mm - CAMLOCK D1-8 (MAX. RPM - 1600, HOLE 76 mm)	1.170 €
AC01332	Ø 315 mm - CAMLOCK D1-8 (MAX. RPM - 1250, HOLE 103 mm)	1.570 €
AC01333	Ø 400 mm - CAMLOCK D1-8 (MAX. RPM - 1000, HOLE 136 mm) *with two-piece jaw*	3.150 €
INDEPENDENT 4 JAW CHUCK FITTED WITH HARD JAWS (ASA FITTING)		
AC01249	Ø 250 mm - ASA 5 (MAX. RPM - 1585, HOLE 65 mm)	686 €
AC00117	Ø 250 mm - ASA 6 (MAX. RPM - 1585, HOLE 65 mm)	686 €
AC00116	Ø 300 mm - ASA 5 (MAX. RPM - 1320, HOLE 75 mm)	875 €
AC01250	Ø 300 mm - ASA 6 (MAX. RPM - 1320, HOLE 75 mm)	875 €
AC01251	Ø 400 mm - ASA 6 (MAX. RPM - 990, HOLE 125 mm)	1.251 €
AC00118	Ø 400 mm - ASA 8 (MAX. RPM - 990, HOLE 125 mm)	1.276 €
AC00119	Ø 500 mm - ASA 8 (MAX. RPM - 790, HOLE 160 mm)	1.860 €
AC00115	Ø 500 mm - ASA 11 (MAX. RPM - 790, HOLE 160 mm)	2.021 €
AC01245	Ø 630 mm - ASA 11 (MAX. RPM - 630, HOLE 180 mm)	2.857 €
AC01246	Ø 630 mm (MAX. RPM - 545, HOLE CAPACITY - 230)	3.043 €
AC01247	Ø 800 mm (MAX. RPM - 450, HOLE CAPACITY - 230)	4.977 €
AC01248	Ø 800 mm (MAX. RPM - 450, HOLE CAPACITY - 310)	6.400 €
AC00121	Ø 250 mm - CAMLOCK D1-5 (MAX. RPM - 1585, HOLE 65 mm)	686 €
AC00122	Ø 300 mm - CAMLOCK D1-5 (MAX. RPM - 1320, HOLE 75 mm)	750 €
AC00123	Ø 250 mm - CAMLOCK D1-6 (MAX. RPM - 1585, HOLE 65 mm)	686 €
AC00124	Ø 300 mm - CAMLOCK D1-6 (MAX. RPM - 1320, HOLE 75 mm)	875 €
AC00125	Ø 400 mm - CAMLOCK D1-6 (MAX. RPM - 990, HOLE 125 mm)	1.251 €
AC00129	Ø 400 mm - CAMLOCK D1-8 (MAX. RPM - 990, HOLE 125 mm)	1.276 €
AC00130	Ø 500 mm - CAMLOCK D1-8 (MAX. RPM - 790, HOLE 160 mm)	1.940 €
UNIVERSAL 3 JAW CHUCK (STEEL BODY) FITTED WITH HARD JAWS (ASA FITTING)		
AC01284	Ø 160 mm - ASA 5 (MAX. RPM - 3900, HOLE 42 mm)	866 €
AC01119	Ø 200 mm - ASA 5 (MAX. RPM - 3200, HOLE 55 mm)	1.172 €
AC00090	Ø 200 mm - ASA 6 (MAX. RPM - 3200, HOLE 55 mm)	990 €
AC01285	Ø 250 mm - ASA 6 (MAX. RPM - 2500, HOLE 76 mm)	1.310 €
AC01286	Ø 250 mm - ASA 8 (MAX. RPM - 2500, HOLE 76 mm)	1.333 €
AC01287	Ø 315 mm - ASA 8 (MAX. RPM - 2000, HOLE 103 mm)	1.934 €
AC00092	Ø 400 mm - ASA 8 (MAX. RPM - 1600, HOLE 136 mm) *with two-piece jaw*	3.499 €
AC00089	Ø 400 mm - ASA 11 (MAX. RPM - 1600, HOLE 155 mm) *with two-piece jaw*	3.624 €
AC01280	Ø 500 mm (MAX. RPM - 1200, HOLE CAPACITY - 190)	6.300 €
AC01281	Ø 500 mm (MAX. RPM - 1200, HOLE CAPACITY - 230)	6.500 €
AC01282	Ø 630 mm (MAX. RPM - 1000, HOLE CAPACITY - 252)	9.650 €
AC01283	Ø 630 mm (MAX. RPM - 1000, HOLE CAPACITY - 310)	9.900 €
AC00093	Ø 160 mm - CAMLOCK D1-5 (MAX. RPM - 3900, HOLE 42 mm)	866 €
AC01289	Ø 200 mm - CAMLOCK D1-5 (MAX. RPM - 3200, HOLE 55 mm)	972 €
AC01290	Ø 200 mm - CAMLOCK D1-6 (MAX. RPM - 3200, HOLE 55 mm)	990 €
AC01291	Ø 250 mm - CAMLOCK D1-6 (MAX. RPM - 2500, HOLE 76 mm)	1.333 €

AC01120	Ø 250 mm - CAMLOCK D1-8 (MAX. RPM - 2500, HOLE 76 mm)	1.390 €
AC01292	Ø 315 mm - CAMLOCK D1-8 (MAX. RPM - 2000, HOLE 103 mm)	1.934 €
AC01293	Ø 400 mm - CAMLOCK D1-8 (MAX. RPM - 1600, HOLE 136 mm) *with two-piece jaw*	2.800 €
UNIVERSAL 4 JAW CHUCK (STEEL BODY) FITTED WITH HARD JAWS (ASA FITTING)		
AC01314	Ø 160 mm - ASA 5 (MAX. RPM - 3900, HOLE 42 mm)	1.199 €
AC01315	Ø 200 mm - ASA 5 (MAX. RPM - 3200, HOLE 55 mm)	1.460 €
AC01316	Ø 200 mm - ASA 6 (MAX. RPM - 3200, HOLE 55 mm)	1.480 €
AC01317	Ø 250 mm - ASA 6 (MAX. RPM - 2500, HOLE 76 mm)	1.887 €
AC01318	Ø 250 mm - ASA 8 (MAX. RPM - 2500, HOLE 76 mm)	1.913 €
AC01319	Ø 315 mm - ASA 8 (MAX. RPM - 2000, HOLE 103 mm)	2.768 €
AC01320	Ø 400 mm - ASA 8 (MAX. RPM - 1600, HOLE 136 mm) *with two-piece jaw*	4.816 €
AC01309	Ø 400 mm - ASA 11 (MAX. RPM - 1600, HOLE 155 mm) *with two-piece jaw*	4.941 €
AC01310	Ø 500 mm (MAX. RPM - 1200, HOLE CAPACITY - 190)	8.645 €
AC01311	Ø 500 mm (MAX. RPM - 1200, HOLE CAPACITY - 230)	8.785 €
AC01312	Ø 630 mm (MAX. RPM - 1000, HOLE CAPACITY - 252)	15.160 €
AC01313	Ø 630 mm (MAX. RPM - 1000, HOLE CAPACITY - 310)	15.208 €
AC01321	Ø 160 mm - CAMLOCK D1-5 (MAX. RPM - 3900, HOLE 42 mm)	1.199 €
AC01322	Ø 200 mm - CAMLOCK D1-5 (MAX. RPM - 3200, HOLE 55 mm)	1.460 €
AC01323	Ø 200 mm - CAMLOCK D1-6 (MAX. RPM - 3200, HOLE 55 mm)	1.480 €
AC01324	Ø 250 mm - CAMLOCK D1-6 (MAX. RPM - 2500, HOLE 76 mm)	1.887 €
AC01326	Ø 315 mm - CAMLOCK D1-6 (MAX. RPM - 2000, HOLE 103 mm)	1.913 €
AC01327	Ø 250 mm - CAMLOCK D1-8 (MAX. RPM - 2500, HOLE 76 mm)	2.768 €
AC01328	Ø 315 mm -CAMLOCK D1-8 (MAX. RPM - 2000, HOLE 103 mm)	4.816 €
AC01314	Ø 400 mm - CAMLOCK D1-8 (MAX. RPM - 1600, HOLE 136 mm) *with two-piece jaw*	1.199 €
BACK PLATE (ASA FITTING) FOR 3 JAW UNIVERSAL CHUCK		
AC00221	Ø 160 mm A2-5	235 €
AC00222	Ø 200 mm A2-5	262 €
AC00223	Ø 200 mm A2-6	279 €
AC01222	Ø 250 mm A2-6	357 €
AC01224	Ø 250 mm A2-8	378 €
AC00002	Ø 315 mm A2-8	418 €
AC00227	Ø 400 mm A2-8	607 €
AC00226	Ø 315 mm A2-11	452 €
AC00001	Ø 400 mm A2-11	650 €
AC01213	Ø 500 mm A2-11	921 €
AC01215	Ø 400 mm A2-15	700 €
AC01216	Ø 500 mm A2-15	970 €
AC01217	Ø 630 mm A2-15	1.430 €
AC01226	Ø 160 mm CAMLOCK D1-5	285 €
AC01227	Ø 200 mm CAMLOCK D1-5	300 €
AC01229	Ø 200 mm CAMLOCK D1-6	320 €

AC01230	Ø 250 mm CAMLOCK D1-6	380 €
AC01232	Ø 250 mm CAMLOCK D1-8	400 €
AC01233	Ø 315 mm CAMLOCK D1-8	460 €
AC01234	Ø 400 mm CAMLOCK D1-8	642 €
BACK PLATE (ASA FITTING) FOR 4 JAW UNIVERSAL CHUCK		
AC01204	Ø 160 mm A2-5	235 €
AC01205	Ø 200 mm A2-5	262 €
AC01207	Ø 200 mm A2-6	279 €
AC01206	Ø 250 mm A2-5	338 €
AC01208	Ø 250 mm A2-6	357 €
AC01210	Ø 250 mm A2-8	378 €
AC01209	Ø 315 mm A2-6	401 €
AC01047	Ø 315 mm A2-8	418 €
AC01201	Ø 315 mm A2-11	455 €
AC01211	Ø 400 mm A2-8	607 €
AC01202	Ø 400 mm A2-11	650 €
AC01212	Ø 500 mm A2-8	897 €
AC01203	Ø 500 mm A2-11	921 €
BACK PLATE (ASA FITTING) FOR 4 JAW INDEPENDENT CHUCK		
AC01238	CONTRAPLATO 4G INDEPEN. Ø 250 mm - ASA 5	270 €
AC01240	CONTRAPLATO 4G INDEPEN. Ø 250 mm - ASA 6	280 €
AC01239	CONTRAPLATO 4G INDEPEN. Ø 300 mm - ASA 5	338 €
AC01241	CONTRAPLATO 4G INDEPEN. Ø 300 mm - ASA 6	357 €
AC01102	CONTRAPLATO 4G INDEPEN. Ø 400 mm - ASA 6	540 €
AC01242	CONTRAPLATO 4G INDEPEN. Ø 400 mm - ASA 8	555 €
AC01243	CONTRAPLATO 4G INDEPEN. Ø 500 mm - ASA 8	690 €
AC01236	CONTRAPLATO 4G INDEPEN. Ø 500 mm - ASA 11	612 €
AC01244	CONTRAPLATO 4G INDEPEN. Ø 630 mm - ASA 8	897 €
AC01237	CONTRAPLATO 4G INDEPEN. Ø 630 mm - ASA 11	921 €
DRIVING PLATE (ASA FITTING)		
AC01183	Ø 160 mm A2-5	315 €
AC00214	Ø 200 mm A2-5	315 €
AC01184	Ø 250 mm A2-5	360 €
AC01185	Ø 200 mm A2-6	350 €
AC00004	Ø 250 mm A2-6	377 €
AC01186	Ø 315 mm A2-6	510 €
AC01187	Ø 250 mm A2-8	398 €
AC01188	Ø 315 mm A2-8	510 €
AC01189	Ø 400 mm A2-8	730 €
AC01190	Ø 500 mm A2-8	927 €
AC01180	Ø 315 mm A2-11	550 €

AC01181	Ø 400 mm A2-11	740 €
AC01182	Ø 500 mm A2-11	951 €
AC01191	Ø 160 mm CAMLOCK D1-5	330 €
AC01192	Ø 200 mm CAMLOCK D1-5	376 €
AC01193	Ø 250 mm CAMLOCK D1-5	435 €
AC01194	Ø 200 mm CAMLOCK D1-6	399 €
AC01195	Ø 250 mm CAMLOCK D1-6	445 €
AC01196	Ø 315 mm CAMLOCK D1-6	490 €
AC01197	Ø 250 mm CAMLOCK D1-8	490 €
AC01198	Ø 315 mm CAMLOCK D1-8	520 €
AC01199	Ø 400 mm CAMLOCK D1-8	725 €
AC01200	Ø 500 mm CAMLOCK D1-8	980 €
LATHE DOGS		
MS01409	SET OF LATHE DOGS (25 mm)	228 €
MS01410	SET OF LATHE DOGS (35 mm)	230 €
MS01411	SET OF LATHE DOGS (45 mm)	232 €
MS01412	SET OF LATHE DOGS (55 mm)	234 €
AC00167	SET OF LATHE DOGS (25-35-45-55 mm)	924 €
FACE PLATE (ASA FITTING)		
AC01261	FACE PLATE Ø 160 mm ASA A2-5	390 €
AC00005	FACE PLATE Ø 200 mm ASA A2-5	465 €
AC01262	FACE PLATE Ø 250 mm ASA A2-5	580 €
AC01263	FACE PLATE Ø 200 mm ASA A2-6	470 €
AC01264	FACE PLATE Ø 250 mm ASA A2-6	580 €
AC01266	FACE PLATE Ø 250 mm ASA A2-8	605 €
AC01265	FACE PLATE Ø 315 mm ASA A2-6	665 €
AC00008	FACE PLATE Ø 315 mm ASA A2-8	699 €
AC01252	FACE PLATE Ø 315 mm ASA A2-11	785 €
AC01267	FACE PLATE Ø 400 mm ASA A2-8	930 €
AC01253	FACE PLATE Ø 400 mm ASA A2-11	960 €
AC00009	FACE PLATE 3 G 500 ASA 5.9 A2 Nº8	1.220 €
AC01254	FACE PLATE Ø 500 mm ASA A2-11	1.325 €
AC01256	FACE PLATE Ø 400 mm ASA A2-15	1.400 €
AC01257	FACE PLATE Ø 500 mm ASA A2-15	1.570 €
AC01255	FACE PLATE Ø 630 mm ASA A2-11	1.990 €
AC01258	FACE PLATE Ø 630 mm ASA A2-15	2.100 €
AC01259	FACE PLATE Ø 800 mm ASA A2-15	3.200 €
AC01260	FACE PLATE Ø 800 mm ASA A2-20	3.300 €
AC01269	FACE PLATE Ø 160 mm CAMLOCK D1-5	425 €
AC01270	FACE PLATE Ø 200 mm CAMLOCK D1-5	475 €
AC01271	FACE PLATE Ø 250 mm CAMLOCK D1-5	550 €

AC01272	FACE PLATE Ø 200 mm CAMLOCK D1-6	490 €
AC01273	FACE PLATE Ø 250 mm CAMLOCK D1-6	550 €
AC01274	FACE PLATE Ø 315 mm CAMLOCK D1-6	710 €
AC01275	FACE PLATE Ø 250 mm CAMLOCK D1-8	570 €
AC01276	FACE PLATE Ø 315 mm CAMLOCK D1-8	725 €
AC00011	FACE PLATE 3 G Ø 400 mm CAMLOCK D1-8	1.020 €
AC01277	FACE PLATE 3G Ø 500 mm CAMLOCK D1-8	1.550 €
SET OF SOFT JAWS MONOBLOK FOR UNIVERSAL 3 JAW CHUCK		
AC00033	Diam. Ø 160 mm	96 €
AC00035	Diam. Ø 200 mm	112 €
AC00037	Diam. Ø 250 mm	148 €
AC00039	Diam. Ø 315 mm	253 €
AC00239	Diam. Ø 400 mm	338 €
SET OF INTERNAL HARD JAWS FOR UNIVERSAL 3 JAW CHUCK		
AC00020	Diam. Ø 160 mm	173 €
AC00023	Diam. Ø 200 mm	189 €
AC00026	Diam. Ø 250 mm	260 €
AC01068	Diam. Ø 315 mm	424 €
AC00390	Diam. Ø 400 mm	535 €
SET OF EXTERNAL HARD JAWS FOR UNIVERSAL 3 JAW CHUCK		
AC00013	Diam. Ø 160 mm	173 €
AC00014	Diam. Ø 200 mm	189 €
AC00015	Diam. Ø 250 mm	260 €
AC00016	Diam. Ø 315 mm	424 €
AC00018	Diam. Ø 400 mm	535 €
SET OF BASE JAWS FOR UNIVERSAL 3 JAW CHUCK		
AC00272	Diam. Ø 160 mm	204 €
AC00041	Diam. Ø 200 mm	247 €
AC00043	Diam. Ø 250 mm	286 €
AC00044	Diam. Ø 315 mm	434 €
AC00294	Diam. Ø 400 mm	516 €
HARD TOP JAWS FOR UNIVERSAL 3 JAW CHUCK		
AC00051	Diam. Ø 160mm	255 €
AC01074	Diam. Ø 200mm	289 €
AC00052	Diam. Ø 250mm	345 €
AC00053	Diam. Ø 315mm	429 €
AC00402	Diam. Ø 400mm	571 €
SOFT TOP JAWS FOR UNIVERSAL 3 JAW CHUCK		
AC01085	Diam. Ø 160mm	118 €
AC01091	Diam. Ø 200mm	129 €
AC01092	Diam. Ø 250mm	177 €

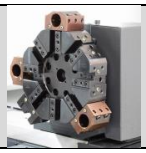
AC01093	Diam. Ø 315mm	248 €
AC00050	Diam. Ø 400mm	367 €
SET OF SOFT JAWS MONOBLOK FOR UNIVERSAL 4 JAW CHUCK		
AC00267	Diam. Ø 160 mm	174 €
AC00057	Diam. Ø 200 mm	210 €
AC00058	Diam. Ø 250 mm	271 €
AC00270	Diam. Ø 315 mm	379 €
AC00416	Diam. Ø 400 mm	473 €
SET OF INTERNAL HARD JAWS FOR UNIVERSAL 4 JAW CHUCK		
AC00261	Diam. Ø 160 mm	253 €
AC00056	Diam. Ø 200 mm	275 €
AC00262	Diam. Ø 250 mm	340 €
AC00263	Diam. Ø 315 mm	555 €
AC00412	Diam. Ø 400 mm	708 €
SET OF EXTERNAL HARD JAWS FOR UNIVERSAL 4 JAW CHUCK		
AC01069	Diam. Ø 160 mm	253 €
AC01070	Diam. Ø 200 mm	275 €
AC00264	Diam. Ø 250 mm	340 €
AC00265	Diam. Ø 315 mm	555 €
AC00408	Diam. Ø 400 mm	708 €
SET OF BASE JAWS FOR UNIVERSAL 4 JAW CHUCK		
AC01071	Diam. Ø 160 mm	284 €
AC01072	Diam. Ø 200 mm	320 €
AC00275	Diam. Ø 250 mm	385 €
AC01073	Diam. Ø 315 mm	582 €
AC00420	Diam. Ø 400 mm	743 €
HARD TOP JAWS FOR UNIVERSAL 4 JAW CHUCK		
AC01075	Diam. Ø 160mm	354 €
AC01076	Diam. Ø 200mm	421 €
AC01077	Diam. Ø 250mm	485 €
AC01078	Diam. Ø 315mm	613 €
AC00427	Diam. Ø 400mm	763 €
SOFT TOP JAWS FOR UNIVERSAL 4 JAW CHUCK		
AC01094	Diam. Ø 160mm	146 €
AC01095	Diam. Ø 200mm	165 €
AC01096	Diam. Ø 250mm	234 €
AC01097	Diam. Ø 315mm	335 €
AC00424	Diam. Ø 400mm	475 €
COLLET CHUCK AND COLLETS		
AC00164	COLLET CHUCK CAP. 4-25 (ASA-5)	431 €
AC00165	COLLET CHUCK CAP. 4-40 (ASA 6)	510 €

AC00166	COLLET CHUCK CAP. 4-60 (ASA 8)	623 €
CONSULT	COLLET (EACH) - CONSULTAR	109 €

HYDRAULIC KIT		
POWERPACK UNIT		
MS00579	HYDRAULIC POWERPACK 2 OUTPUTS	1.710 €
MS00580	HYDRAULIC POWERPACK 3 OUTPUTS	1.856 €
SET OF SOFT JAW FOR HYDRAULIC CHUCK		
AC00282	Ø 160 mm	80 €
AC00283	Ø 210 mm	97 €
AC00284	Ø 250 mm	117 €
AC00285	Ø 310 mm	153 €
SET OF HARD JAW FOR HYDRAULIC CHUCK		
AC00291	Ø 160 mm	360 €
AC00962	Ø 210 mm	469 €
AC00963	Ø 250 mm	553 €
AC00292	Ø 310 mm	727 €
AC00293	Ø 400 mm	886 €
AC00973	Ø 500 mm	1.186 €

STEADIES		
AC00828	FIXED STEADY REST H200 B300 CAPACITY Ø (10 - 140)	256 €
AC00863	ARM SET WITH ROLLERS H200 B300 CAPACITY Ø (10 - 140)	267 €
AC00838	FIXED STEADY REST H200 B300 LARGE CAPACITY Ø (140 - 300)	483 €
AC00872	ARM SET WITH ROLLERS H200 B300 LARGE CAPACITY Ø (140 - 300)	267 €
AC00829	FIXED STEADY REST H250 B350 CAPACITY Ø (10 - 180)	333 €
AC00864	ARM SET WITH ROLLERS H250 B350 CAPACITY Ø (10 - 180)	267 €
AC00846	FIXED STEADY REST H250 B350 LARGE CAPACITY Ø (180 - 400)	871 €
AC00873	ARM SET WITH ROLLERS H250 B350 LARGE CAPACITY Ø (180 - 400)	267 €
AC00830	FIXED STEADY REST H325 B425 CAPACITY Ø (90 - 300)	1.098 €
AC00839	FIXED STEADY REST H325 B425 LARGE CAPACITY Ø (300 - 530)	1.647 €
AC00850	FOLLOW REST H200 B300 CAPACITY Ø (10 - 100)	230 €
AC00881	ARM SET WITH ROLLERS H200 B300 CAPACITY Ø (10 - 100)	267 €
AC00851	FOLLOW REST H250 B350 CAPACITY Ø (10 - 140)	230 €
AC00882	ARM SET WITH ROLLERS SE H250 B350 CAPACITY Ø (10 - 140)	267 €
AC00852	FOLLOW REST H325 B425 CAPACITY Ø (70 - 290)	980 €
AC00835	FIXED STEADY REST H350 B425 CAPACITY Ø (90 - 300)	1.098 €
AC00844	FIXED STEADY REST H350 B425 CAPACITY Ø (300 - 530)	1.647 €

AC00857	FOLLOW REST H350 B425 CAPACITY Ø (70 - 290)	980 €

TOOLPOSTS AND TURRETS		
HOLDERS FOR BSV-N100-8pos		
AC00571	BTH 20-32 CH25	96 €
AC00340	ATH 20-20	149 €
HOLDERS FOR BSV-N120 / BSV-N160-8pos		
AC00326	BTH 25-40 CH30 L60	126 €
AC00588	ATH 25-25	119 €
HOLDERS FOR BSV-N100-12pos VDI16		
AC00573	BORING BAR HOLDER E2-16-6 VDI 16	145 €
AC00574	BORING BAR HOLDER E2-16-8 VDI 16	145 €
AC00575	BORING BAR HOLDER E2-16-12 VDI 16	145 €
AC00576	BORING BAR HOLDER E2-16-16 VDI 16	145 €
AC00577	AXIAL TOOL HOLDER C2-16-16 VDI 16	120 €
AC00578	RADIAL TOOL HOLDER B2-16-12-24 VDI 16	96 €
HOLDERS FOR BSV-N100-12pos VDI20		
AC00579	BORING BAR HOLDER E2-20-8 VDI 20	111 €
AC00580	BORING BAR HOLDER E2-20-10 VDI 20	111 €
AC00581	BORING BAR HOLDER E2-20-12 VDI 20	111 €
AC00582	BORING BAR HOLDER E2-20-16 VDI 20	111 €
AC00583	BORING BAR HOLDER E2-20-20 VDI 20	111 €
AC00584	BORING BAR HOLDER E2-20-25 VDI 20	111 €
AC00585	AXIAL TOOL HOLDER C2-20-16-55 VDI 20	130 €
AC00586	RADIAL TOOL HOLDER B2-20-16-30 VDI 20	105 €
HOLDERS FOR BSV- N120 / BSV-N120 VDI 30		
AC00589	BORING BAR HOLDER E2-30-8 VDI30	107 €
AC00590	BORING BAR HOLDER E2-30-10 VDI30	107 €
AC01113	BORING BAR HOLDER E2-30-12 VDI30	107 €
AC01114	BORING BAR HOLDER E2-30-16 VDI30	107 €
AC01122	BORING BAR HOLDER E2-30-20 VDI30	107 €
AC01123	BORING BAR HOLDER E2-30-25 VDI30	107 €
AC01124	BORING BAR HOLDER E2-30-32 VDI30	107 €
AC00596	AXIAL TOOL HOLDER C2-30-20-70 VDI30	138 €
AC00597	RADIAL TOOL HOLDER B2-30-20-40 VDI30	101 €
HOLDERS FOR BSV-N160 / BSV-N200 VDI 40		
AC00603	BORING BAR HOLDER VDI-40 (E2 40-8)	122 €
AC00604	BORING BAR HOLDER VDI-40 (E2 40-10)	122 €

AC00605	BORING BAR HOLDER VDI-40 (E2 40-12)	122 €
AC00606	BORING BAR HOLDER VDI-40 (E2 40-16)	122 €
AC00607	BORING BAR HOLDER VDI-40 (E2 40-20)	122 €
AC01125	BORING BAR HOLDER VDI-40 (E2 40-25)	122 €
AC01127	BORING BAR HOLDER VDI-40 (E2 40-32)	122 €
AC00631	BORING BAR HOLDER VDI-40 (E2 40-40)	122 €
AC00611	BORING BAR HOLDER AXIAL VDI-40 C2-40-25-85	143 €
AC00629	BORING BAR HOLDER RADIAL VDI-40 B2-40-25-44	113 €

OTHER OPTIONS		
ELECTRICAL TRANSFORMER		
AC00668	ELECTRICAL TRANSFORMER 220/400/440 7kVA	296 €
AC00669	ELECTRICAL TRANSFORMER 220/400/440 9kVA	347 €
AC00670	ELECTRICAL TRANSFORMER 220/400/440 12kVA	383 €
AC00671	ELECTRICAL TRANSFORMER 220/400/440 15kVA	435 €
AC00672	ELECTRICAL TRANSFORMER 220/400/440 20kVA	509 €
AC00673	ELECTRICAL TRANSFORMER 220/400/440 25kVA	593 €
AC00674	ELECTRICAL TRANSFORMER 220/400/440 30kVA	685 €
AC00675	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 7kVA	385 €
AC00676	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 9kVA	455 €
AC00677	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 12kVA	505 €
AC00678	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 15kVA	576 €
AC00679	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 20kVA	676 €
AC00680	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 25kVA	792 €
AC00681	ELECTRICAL TRANSFORMER 400/415/440/550/575/600 30kVA	916 €
AC00682	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 7kVA	385 €
AC00683	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 9kVA	456 €
AC00684	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 12kVA	505 €
AC00685	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 15kVA	576 €
AC00686	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 20kVA	676 €
AC00687	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 25kVA	792 €
AC00688	ELECTRICAL TRANSFORMER 190/200/220/240/380/400 30kVA	916 €
CHIP CONVEYOR SMS/STS		
AC00897	CHIP CONVEYOR 1000 mm BETWEEN POINTS	3.346 €
AC00202	CHIP CONVEYOR 1500 mm BETWEEN POINTS	3.660 €
AC00895	CHIP CONVEYOR 2000 mm BETWEEN POINTS	3.870 €
AC01015	CHIP CONVEYOR 3000 mm BETWEEN POINTS	4.078 €
LIVE CENTERS		
MS00654	LIVE CENTER MT4	113 €
MS00655	LIVE CENTER MT5	170 €

MS00656	LIVE CENTRE MT6	433 €
SPECIAL LIVE CENTERS		
AC00944	LIVE CENTERS - LONG NOSE MT4	163 €
AC00252	LIVE CENTERS - LONG NOSE MT5	221 €
AC00946	LIVE CENTERS - HEAVY DUTY MT4	212 €
AC00947	LIVE CENTERS - HEAVY DUTY MT5	258 €

CAM SOFTWARE		
AC01065	Gibbs CAM XZ	4.000 €
AC01066	Gibbs CAM XZ C	8.000 €
AC01067	Gibbs CAM XZ CY	9.850 €
AC01062	Postprocessor for Gibbs CAM XZ	600 €
AC01063	Postprocessor for Gibbs CAM XZ C	800 €
AC01064	Postprocessor for Gibbs CAM XZ CY	1.000 €
AC01061	Educational license Gibbs CAM	500 €
AC01146	3D SIMPLIFIED CAM MODEL	1.000 €

MAINTENIANCE CONTRACT		
MT00003	MAINTENANCE CONTRACT SMS	2.450 €
MT00005	MAINTENANCE CONTRACT STS	2.600 €
MT00007	MAINTENANCE CONTRACT STH	3.950 €

All prices are valid unless there are typographical errors. METOSA reserves the right to change the prices at any time without notice.

MANUAL CHUCKS COMPATIBILITY

		JAP																	
		SMS200	SMS250		SMS325			STS200	STS250	STS350			STH400			STH500			
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	UNIVERSAL 3 JAW CHUCK (CAST IRON BODY) FITTED WITH HARD JAW																		
AC00082	PLATO UNIV. 3G ASA5 Ø 160 mm 2600RPM I.D.42 mm	●						●											
AC00083	PLATO UNIV. 3G ASA5 Ø 200 mm 2000RPM I.D.55 mm	●						●											
AC00084	PLATO UNIV. 3G ASA6 Ø 200 mm 2000RPM I.D.55 mm		●						●										
AC00085	PLATO UNIV. 3G ASA6 Ø 250 mm 1600RPM I.D.76 mm		●						●										
AC01279	PLATO UNIV. 3G ASA8 Ø 250 mm 1600RPM I.D.76 mm			●	●	●				●	●		●						
AC00086	PLATO UNIV. 3G ASA8 Ø 315 mm 1250RPM I.D.103 mm			●	●	●				●	●		●						
AC00087	PLATO UNIV. 3G ASA8 Ø 400 1000RPM I.D.136 mm					●					●		●						
AC00076	PLATO UNIV. 3G ASA11 Ø 400 1000RPM I.D.155 mm						●					●		●		●	●		
AC00077	PLATO UNIV. 3G ASA11 Ø 500 800RPM I.D.190 mm													●			●		
AC00080	PLATO UNIV. 3G ASA15 Ø 500 800RPM I.D.230 mm														●			●	
AC00081	PLATO UNIV. 3G ASA15 Ø 630 650RPM I.D.252 mm														●			●	
AC01278	PLATO UNIV. 3G ASA15 Ø 630 650RPM I.D.310 mm																		●
AC00097	PLATO UNIV. 3G CAMLOCK-5 Ø 160 mm 2600RPM I.D.42 mm	●																	
AC00098	PLATO UNIV. 3G CAMLOCK-5 Ø 200 mm 2000RPM I.D.55 mm	●																	
AC01294	PLATO UNIV. 3G CAMLOCK-6 Ø 200 mm 2000RPM I.D.55 mm		●																
AC01295	PLATO UNIV. 3G CAMLOCK-6 Ø 250 mm 1600RPM I.D.76 mm		●																
AC01296	PLATO UNIV. 3G CAMLOCK-8 Ø 250 mm 1600RPM I.D.76 mm			●	●	●													
AC01297	PLATO UNIV. 3G CAMLOCK-8 Ø 315 mm 1250RPM I.D.103 mm			●	●	●													
AC00101	PLATO UNIV. 3G CAMLOCK-8 Ø 400 mm 1600RPM I.D.136 mm					●													
	UNIVERSAL 4 JAW CHUCK (CAST IRON BODY) FITTED WITH HARD JAW																		
AC01303	PLATO UNIV. 4 G FUND. ASA-5 Ø 160 2600RPM I.D.42 mm	●						●											
AC00141	PLATO UNIV. 4 G FUND. ASA-5 Ø 200 2000RPM I.D.55 mm	●						●											
AC01304	PLATO UNIV. 4 G FUND. ASA-6 Ø 200 2000RPM I.D.55 mm		●						●										
AC01305	PLATO UNIV. 4 G FUND. ASA-6 Ø 250 1600RPM I.D.76 mm		●						●										
AC01306	PLATO UNIV. 4 G FUND. ASA-8 Ø 250 1600RPM I.D.76 mm			●	●	●				●	●								
AC01307	PLATO UNIV. 4 G FUND. ASA-8 Ø 315 1250RPM I.D.103 mm			●	●	●				●	●								
AC01308	PLATO UNIV. 4 G FUND. ASA-8 Ø 400 1000RPM I.D.136 mm					●					●		●						
AC00140	PLATO UNIV. 4 G FUND. ASA-11 Ø 400 1000RPM I.D.136 mm															●			
AC01298	PLATO UNIV. 4 G FUND. ASA-11 Ø 400 1000RPM I.D.155 mm						●					●		●		●	●		
AC01299	PLATO UNIV. 4 G FUND. ASA-11 Ø 500 800RPM I.D.190 mm													●			●		
AC01300	PLATO UNIV. 4 G FUND. ASA-15 Ø 500 800RPM I.D.230 mm														●			●	
AC01301	PLATO UNIV. 4 G FUND. ASA-15 Ø 630 650RPM I.D.252 mm														●			●	
AC01302	PLATO UNIV. 4 G FUND. ASA-20 Ø 630 650RPM I.D.252 mm																		●
AC01329	PLATO UNIV. 4 G FUND. CAMLOCK--5 Ø 160 2600RPM I.D.42 mm	●																	
AC01330	PLATO UNIV. 4 G FUND. CAMLOCK--5 Ø 200 2000RPM I.D.55 mm	●																	
AC01121	PLATO UNIV. 4 G FUND. CAMLOCK--6 Ø 200 2000RPM I.D.55 mm		●																
AC01331	PLATO UNIV. 4 G FUND. CAMLOCK--6 Ø 250 1600RPM I.D.76 mm		●																
AC00142	PLATO UNIV. 4 G FUND. CAMLOCK--8 Ø 250 1600RPM I.D.76 mm			●	●	●													
AC01332	PLATO UNIV. 4 G FUND. CAMLOCK--8 Ø 315 1250RPM I.D.103 mm			●	●	●													
AC01333	PLATO UNIV. 4 G FUND. CAMLOCK--8 Ø 400 1000RPM I.D.136 mm					●													

MANUAL CHUCKS COMPATIBILITY

		JAP																	
		SMS200	SMS250		SMS325			STS200	STS250	STS350			STH400			STH500			
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	INDEPENDENT 4 JAW CHUCK FITTED WITH HARD JAWS (ASA&CAMLC																		
AC01249	PLATO 4 G INDEPEN. FUND. ASA-5 Ø 250 1585RPM I.D. 65 mm	●						●											
AC00116	PLATO 4 G INDEPEN. FUND. ASA-5 Ø 300 1320RPM I.D. 75 mm	●						●											
AC00117	PLATO 4 G INDEPEN. FUND. ASA-6 Ø 250 1585RPM I.D. 65 mm		●						●										
AC01250	PLATO 4 G INDEPEN. FUND. ASA-6 Ø 300 1320RPM I.D. 75 mm		●						●										
AC01251	PLATO 4 G INDEPEN. FUND. ASA-6 Ø 400 990RPM I.D. 125 mm		●						●										
AC00118	PLATO 4 G INDEPEN. FUND. ASA-8 Ø 400 990RPM I.D. 125 mm			●	●	●				●	●								
AC00119	PLATO 4 G INDEPEN. FUND. ASA-8 Ø 500 790RPM I.D.105 mm					●					●		●						
AC00115	PLATO 4 G INDEPEN. FUND. ASA-11 Ø 500 790RPM I.D.160 mm						●					●		●		●	●		
AC01245	PLATO 4 G INDEPEN. FUND. ASA-11 Ø 630 545RPM I.D.155 mm													●			●		
AC01246	PLATO 4 G INDEPEN. FUND. ASA-15 Ø 630 545RPM I.D.230 mm														●			●	
AC01247	PLATO 4 G INDEPEN. FUND. ASA-15 Ø 800 495RPM I.D.230 mm														●			●	
AC01248	PLATO 4 G INDEPEN. FUND. ASA-20 Ø 800 495RPM I.D.310 mm																		●
AC00121	PLATO 4 G INDEPEN. FUND. CAMLOCK-5 Ø 250 1585RPM I.D. 65 mm	●																	
AC00122	PLATO 4 G INDEPEN. FUND. CAMLOCK-5 Ø 300 1320RPM I.D. 75 mm	●																	
AC00123	PLATO 4 G INDEPEN. FUND. CAMLOCK-6 Ø 250 1585RPM I.D. 65 mm		●																
AC00124	PLATO 4 G INDEPEN. FUND. CAMLOCK-6 Ø 300 1320RPM I.D. 75 mm		●																
AC00125	PLATO 4 G INDEPEN. FUND. CAMLOCK-6 Ø 400 990RPM I.D. 125 mm		●																
AC00129	PLATO 4 G INDEPEN. FUND. CAMLOCK-8 Ø 400 990RPM I.D. 125 mm			●	●	●													
AC00130	PLATO 4 G INDEPEN. FUND. CAMLOCK-8 Ø 500 790RPM I.D. 160 mm					●													
	UNIVERSAL 3 JAW CHUCK (STEEL BODY) FITTED WITH HARD JAWS (A																		
AC01284	PLATO UNIV. 3G ACERO ASA5 Ø 160 3900RPM I.D.42 mm	●						●											
AC01119	PLATO UNIV. 3G ACERO ASA5 Ø 200 3200RPM I.D.55mm	●						●											
AC00090	PLATO UNIV. 3G ACERO ASA6 Ø 200 3200RPM I.D.55mm		●						●										
AC01285	PLATO UNIV. 3G ACERO ASA6 Ø 250 2500RPM I.D.76mm		●						●										
AC01286	PLATO UNIV. 3G ACERO ASA8 Ø 250 2500RPM I.D.76mm			●	●	●				●	●		●						
AC01287	PLATO UNIV. 3G ACERO ASA8 Ø 315 2000RPM I.D.103mm			●	●	●				●	●		●						
AC00092	PLATO UNIV. 3G ACERO ASA8 Ø 400 1600RPM I.D.136 mm					●					●		●						
AC00089	PLATO UNIV. 3G ACERO ASA11 Ø 400 1600RPM I.D.155 mm						●					●		●		●	●		
AC01280	PLATO UNIV. 3G ACERO ASA11 Ø 500 1200RPM I.D.190 mm													●			●		
AC01281	PLATO UNIV. 3G ACERO ASA15 Ø 500 1200RPM I.D.230 mm														●			●	
AC01282	PLATO UNIV. 3G ACERO ASA15 Ø 630 1000RPM I.D.252mm														●			●	
AC01283	PLATO UNIV. 3G ACERO ASA20 Ø 630 1000RPM I.D.310mm																		●
AC00093	PLATO UNIV. 3G ACERO CAMLOCK-5 Ø 160 3900RPM I.D.42 mm	●																	
AC01289	PLATO UNIV. 3G ACERO CAMLOCK-5 Ø 200 3200RPM I.D.55mm	●																	
AC01290	PLATO UNIV. 3G ACERO CAMLOCK-6 Ø 200 3200RPM I.D.55mm		●																
AC01291	PLATO UNIV. 3G ACERO CAMLOCK-6 Ø 250 2500RPM I.D.76mm		●																
AC01120	PLATO UNIV. 3G ACERO CAMLOCK-8 Ø 250 2500RPM I.D.76mm			●	●	●													
AC01292	PLATO UNIV. 3G ACERO CAMLOCK-8 Ø 315 2000RPM I.D.103mm			●	●	●													
AC01293	PLATO UNIV. 3G ACERO CAMLOCK-8 Ø 400 1600RPM I.D.136 mm					●													

MANUAL CHUCKS COMPATIBILITY

		JAP																	
		SMS200	SMS250		SMS325			STS200	STS250	STS350			STH400			STH500			
SAGE CODE	DESCRIPTION	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	UNIVERSAL 4 JAW CHUCK (STEEL BODY) FITTED WITH HARD JAWS (A																		
AC01314	PLATO UNIV. 4G ACERO ASA5 Ø 160 3900RPM I.D.42 mm	●						●											
AC01315	PLATO UNIV. 4G ACERO ASA5 Ø 200 3200RPM I.D.55mm	●						●											
AC01316	PLATO UNIV. 4G ACERO ASA6 Ø 200 3200RPM I.D.55mm		●						●										
AC01317	PLATO UNIV. 4G ACERO ASA6 Ø 250 2500RPM I.D.76mm		●						●										
AC01318	PLATO UNIV. 4G ACERO ASA8 Ø 250 2500RPM I.D.76mm			●	●	●				●	●		●						
AC01319	PLATO UNIV. 4G ACERO ASA8 Ø 315 2000RPM I.D.103mm			●	●	●				●	●		●						
AC01320	PLATO UNIV. 4G ACERO ASA8 Ø 400 1600RPM I.D.136 mm					●					●		●						
AC01309	PLATO UNIV. 4G ACERO ASA11 Ø 400 1600RPM I.D.155 mm						●					●		●		●	●		
AC01310	PLATO UNIV. 4G ACERO ASA11 Ø 500 1200RPM I.D.190 mm													●			●		
AC01311	PLATO UNIV. 4G ACERO ASA15 Ø 500 1200RPM I.D.230 mm														●			●	
AC01312	PLATO UNIV. 4G ACERO ASA15 Ø 630 1000RPM I.D.252mm																	●	
AC01313	PLATO UNIV. 4G ACERO ASA20 Ø 630 1000RPM I.D.310mm																		●
AC01321	PLATO UNIV. 4G CAMLOCK-5 Ø 160 mm 2600RPM I.D.42 mm	●																	
AC01322	PLATO UNIV. 4G CAMLOCK-5 Ø 200 mm 2000RPM I.D.55 mm	●																	
AC01323	PLATO UNIV. 4G CAMLOCK-6 Ø 200 mm 2000RPM I.D.55 mm		●																
AC01324	PLATO UNIV. 4G CAMLOCK-6 Ø 250 mm 1600RPM I.D.76 mm		●																
AC01326	PLATO UNIV. 4G CAMLOCK-8 Ø 250 mm 1600RPM I.D.76 mm			●	●	●													
AC01327	PLATO UNIV. 4G CAMLOCK-8 Ø 315 mm 1250RPM I.D.103 mm			●	●	●													
AC01328	PLATO UNIV. 4G CAMLOCK-8 Ø 400 mm 1600RPM I.D.136 mm					●													
	BACK PLATE (ASA&CAMLOCK FITTING) FOR 3 JAW UNIVERSAL CHUC																		
AC00221	CONTRAPLATO Ø 160 mm A2-5	●						●											
AC00222	CONTRAPLATO Ø 200 mm A2-5	●						●											
AC00223	CONTRAPLATO Ø 200 mm A2-6		●						●										
AC01222	CONTRAPLATO Ø 250 mm A2-6		●						●										
AC01224	CONTRAPLATO Ø 250 mm A2-8			●	●	●				●	●		●						
AC00002	CONTRAPLATO Ø 315 mm A2-8			●	●	●				●	●		●						
AC00227	CONTRAPLATO Ø 400 mm A2-8					●					●		●						
AC00226	CONTRAPLATO Ø 315 mm A2-11						●					●		●		●	●		
AC00001	CONTRAPLATO Ø 400 mm A2-11						●					●		●		●	●		
AC01213	CONTRAPLATO Ø 500 mm A2-11													●			●		
AC01215	CONTRAPLATO Ø 400 mm A2-15														●			●	
AC01216	CONTRAPLATO Ø 500 mm A2-15														●			●	
AC01217	CONTRAPLATO Ø 630 mm A2-15														●			●	
AC01226	CONTRAPLATO Ø 160 mm CAMLOCK D1-5	●																	
AC01227	CONTRAPLATO Ø 200 mm CAMLOCK D1-5	●																	
AC01229	CONTRAPLATO Ø 200 mm CAMLOCK D1-6		●																
AC01230	CONTRAPLATO Ø 250 mm CAMLOCK D1-6		●																
AC01232	CONTRAPLATO Ø 250 mm CAMLOCK D1-8			●	●	●													
AC01233	CONTRAPLATO Ø 315 mm CAMLOCK D1-8			●	●	●													
AC01234	CONTRAPLATO Ø 400 mm CAMLOCK D1-8					●													

MANUAL CHUCKS COMPATIBILITY

		JAP																	
		SMS200	SMS250		SMS325			STS200	STS250	STS350			STH400			STH500			
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	DRIVING PLATE (ASA&CAMLOCK FITTING)																		
AC01183	PLATO DE ARRASTRE Ø 160 mm A2-5	●						●											
AC00214	PLATO DE ARRASTRE Ø 200 mm A2-5	●						●											
AC01184	PLATO DE ARRASTRE Ø 250 mm A2-5	●						●											
AC01185	PLATO DE ARRASTRE Ø 200 mm A2-6		●						●										
AC00004	PLATO DE ARRASTRE Ø 250 mm A2-6		●						●										
AC01186	PLATO DE ARRASTRE Ø 315 mm A2-6		●						●										
AC01187	PLATO DE ARRASTRE Ø 250 mm A2-8			●	●	●				●	●		●						
AC01188	PLATO DE ARRASTRE Ø 315 mm A2-8			●	●	●				●	●		●						
AC01189	PLATO DE ARRASTRE Ø 400 mm A2-8			●	●	●				●	●		●						
AC01190	PLATO DE ARRASTRE Ø 500 mm A2-8					●					●		●						
AC01180	PLATO DE ARRASTRE Ø 315 mm A2-11						●					●		●		●	●		
AC01181	PLATO DE ARRASTRE Ø 400 mm A2-11						●					●		●		●	●		
AC01182	PLATO DE ARRASTRE Ø 500 mm A2-11						●					●		●		●	●		
AC01191	PLATO DE ARRASTRE Ø 160 mm CAMLOCK D1-5	●																	
AC01192	PLATO DE ARRASTRE Ø 200 mm CAMLOCK D1-5	●																	
AC01193	PLATO DE ARRASTRE Ø 250 mm CAMLOCK D1-5	●																	
AC01194	PLATO DE ARRASTRE Ø 200 mm CAMLOCK D1-6		●																
AC01195	PLATO DE ARRASTRE Ø 250 mm CAMLOCK D1-6		●																
AC01196	PLATO DE ARRASTRE Ø 315 mm CAMLOCK D1-6		●																
AC01197	PLATO DE ARRASTRE Ø 250 mm CAMLOCK D1-8			●	●	●													
AC01198	PLATO DE ARRASTRE Ø 315 mm CAMLOCK D1-8			●	●	●													
AC01199	PLATO DE ARRASTRE Ø 400 mm CAMLOCK D1-8			●	●	●													
AC01200	PLATO DE ARRASTRE Ø 500 mm CAMLOCK D1-8					●													
	LATHE DOGS																		
MS01409	PERROS DE ARRASTRE 25mm.ACERO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MS01410	PERROS DE ARRASTRE 35mm.ACERO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MS01411	PERROS DE ARRASTRE 45mm.ACERO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MS01412	PERROS DE ARRASTRE 55mm.ACERO	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
AC00167	SET OF LATHE DOGS (25-35-45-55 mm)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

MANUAL CHUCKS COMPATIBILITY

		JAP																
		SMS200	SMS250		SMS325			STS200	STS250	STS350			STH400			STH500		
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	FACE PLATE (ASA&CAMLOCK FITTING)																		
AC01261	PLATO LISO Ø 160 mm ASA A2-5	●						●											
AC00005	PLATO LISO 3 G Ø 200 mm ASA A2-5	●						●											
AC01262	PLATO LISO Ø 250 mm ASA A2-5	●						●											
AC01263	PLATO LISO Ø 200 mm ASA A2-6		●						●										
AC01264	PLATO LISO Ø 250 mm ASA A2-6		●						●										
AC01265	PLATO LISO Ø 250 mm ASA A2-8		●						●										
AC01266	PLATO LISO Ø 315 mm ASA A2-6			●	●	●				●	●		●						
AC00008	PLATO LISO 3 G Ø 315 mm ASA A2-8			●	●	●				●	●		●						
AC01267	PLATO LISO Ø 400 mm ASA A2-8			●	●	●				●	●		●						
AC00009	PLATO LISO 3 G 500 ASA 5.9 A2 Nº8					●					●		●						
AC01252	PLATO LISO Ø 315 mm ASA A2-11						●					●		●		●	●		
AC01253	PLATO LISO Ø 400 mm ASA A2-11						●					●		●		●	●		
AC01254	PLATO LISO Ø 500 mm ASA A2-11						●					●		●		●	●		
AC01256	PLATO LISO Ø 400 mm ASA A2-15														●			●	
AC01257	PLATO LISO Ø 500 mm ASA A2-15														●			●	
AC01255	PLATO LISO Ø 630 mm ASA A2-11													●			●		
AC01258	PLATO LISO Ø 630 mm ASA A2-15														●			●	
AC01259	PLATO LISO Ø 800 mm ASA A2-15																	●	
AC01260	PLATO LISO Ø 800 mm ASA A2-20																		●
AC01269	PLATO LISO Ø 160 mm CAMLOCK D1-5	●																	
AC01270	PLATO LISO Ø 200 mm CAMLOCK D1-5	●																	
AC01271	PLATO LISO Ø 250 mm CAMLOCK D1-5	●																	
AC01272	PLATO LISO Ø 200 mm CAMLOCK D1-6		●																
AC01273	PLATO LISO Ø 250 mm CAMLOCK D1-6		●																
AC01274	PLATO LISO Ø 315 mm CAMLOCK D1-6		●																
AC01275	PLATO LISO Ø 250 mm CAMLOCK D1-8			●	●	●													
AC01276	PLATO LISO Ø 315 mm CAMLOCK D1-8			●	●	●													
AC00011	PLATO LISO 3 G Ø 400 mm CAMLOCK D1-8			●	●	●													
AC01277	PLATO LISO 3G Ø 500 mm CAMLOCK D1-8					●													
	MANUAL COLLET CHUCK AND COLLETS																		
AC00164	PORTAPINZAS CAPACIDAD 4-25 (ASA-5)	●	●					●											
AC00165	PORTAPINZAS CAPACIDAD 4-40 (ASA 6)								●										
AC00166	PORTAPINZAS CAPACIDAD 4-60 (ASA 8)			●	●	●				●	●								
CONSULTAR	COLLET (EACH) - NECESSARY SPECIFY DIMENSION																		

HIDRAULIC COMPONENTS COMPATIBILITY

		JAP																	
		SMS200	SMS250		SMS325			STS200	STS250	STS350			STH400			STH500			
SAGE CODE	DESCRIPTION	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	HYDRAULIC KIT																		
AC00913	HYDRAULIC CHUCK Ø 160 + HYDRAULIC CYLINDER BORE Ø 30 FOR SE/SMS-200-42	●																	
AC00914	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER BORE Ø 30 FOR SE/SMS-200-42	●																	
AC00915	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER BORE Ø 48 FOR SE/SMS-250-58		●																
AC00916	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER BORE Ø 48 FOR SE/SMS-250-58		●																
AC00917	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER BORE Ø 68 FOR SE/SMS-325-80				●														
AC00918	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 68 FOR SE/SMS-325-80				●														
AC00919	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 92 FOR SE/SMS-250-105			●															
AC01111	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER BORE Ø 92 FOR SMS-325-105					●													
AC01112	HYDRAULIC CHUCK Ø 400 + HYDRAULIC CYLINDER BORE Ø 140 FOR SMS-325-155						●												
AC00472	HYDRAULIC CHUCK Ø 160 + HYDRAULIC CYLINDER Ø 30 FOR STS-200-42							●											
AC00473	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER Ø 30 FOR STS-200-42							●											
AC00474	HYDRAULIC CHUCK Ø 210 + HYDRAULIC CYLINDER Ø 52 FOR STS-250-65								●										
AC00475	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER Ø 52 FOR STS-250-65								●										
AC00476	HYDRAULIC CHUCK Ø 250 + HYDRAULIC CYLINDER Ø 68 FOR STS-350-80									●									
AC00477	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER Ø 68 FOR STS-350-80									●									
AC00478	HYDRAULIC CHUCK Ø 310 + HYDRAULIC CYLINDER Ø 92 FOR STS-350-105										●								
AC00479	HYDRAULIC CHUCK Ø 400 + HYDRAULIC CYLINDER Ø 140 FOR STS-350-155											●							
AC00795	HYDRAULIC CHUCK Ø 450 + HYDRAULIC CYLINDER Ø 91 FOR STH-400-105												●						
AC00759	HYDRAULIC CHUCK Ø 530 + HYDRAULIC CYLINDER Ø 117,5 FOR STH-500-130															●			
AC00797	HYDRAULIC CHUCK Ø 500 + HYDRAULIC CYLINDER Ø 160 FOR STH-400/500-155													●			●		
AC00799	HYDRAULIC CHUCK Ø 630 + HYDRAULIC CYLINDER Ø 225 FOR STH-400/500-230														●			●	
AC00807	HYDRAULIC CHUCK Ø 450 + HYDRAULIC CYLINDER Ø 91 FOR STH-400-105(if fitted with C axis)												●						
AC00760	HYDRAULIC CHUCK Ø 530 + HYDRAULIC CYLINDER Ø 117,5 FOR STH-500-130 (if fitted with C axis)															●			
AC00808	HYDRAULIC CHUCK Ø 500 + HYDRAULIC CYLINDER Ø 160 FOR STH-400/500-155(if fitted with C axis)													●			●		
AC00809	HYDRAULIC CHUCK Ø 630 + HYDRAULIC CYLINDER Ø 225 FOR STH-400/500-230 (if fitted with C axis)														●			●	

HIDRAULIC COMPONENTS COMPATIBILITY

		JAP																	
		SMS200	SMS250		SMS325			STS200	STS250	STS350			STH400			STH500			
SAGE CODE	DESCRIPTION	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
	HYDRAULIC KIT WITH COLLET CHUCK																		
AC00113	HYDRAULIC DL25 COLLET CHUCK + HYDRAULIC CYLINDER Ø 30 FOR SE/SMS	●																	
AC00256	HYDRAULIC DL40 COLLET CHUCK + HYDRAULIC CYLINDER Ø 48 FOR SE/SMS		●	●															
AC00386	HYDRAULIC DL60 COLLET CHUCK +HYDRAULIC CYLINDER Ø 68 FOR SE/SMS				●														
AC00387	HYDRAULIC DL80 COLLET CHUCK + HYDRAULIC CYLINDER Ø 92 FOR SE/SMS					●	●												
AC00591	HYDRAULIC DL25 COLLET CHUCK + HYDRAULIC CYLINDER Ø 30 FOR STS							●											
AC00592	HYDRAULIC DL40 COLLET CHUCK + HYDRAULIC CYLINDER Ø 48 FOR STS								●										
AC00593	HYDRAULIC DL60 COLLET CHUCK + HYDRAULIC CYLINDER Ø 68 FOR STS									●									
AC00594	HYDRAULIC DL80 COLLET CHUCK + HYDRAULIC CYLINDER Ø 92FOR STS										●								
	HYDRAULIC TAILSTOCK																		
AC00403	HYDRAULIC TAIL STOCK FOR SMS/STS-200	●						●											
AC00409	HYDRAULIC TAIL STOCK FOR SMS/STS-250		●	●					●										
AC00413	HYDRAULIC TAIL STOCK FOR SMS-325/STS-350				●	●	●			●	●	●							
AC00780	HYDRAULIC TAILSTOCK SH/STH-400												●	●	●				
AC00624	HYDRAULIC TAILSTOCK SH/STH-500															●	●	●	●
	POWERPACK																		
MS00579	CENTRAL HIDRAULICA 2 SALIDAS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
MS00580	CENTRAL HIDRAULICA 3 SALIDAS							●	●	●	●	●	●	●	●	●	●	●	●
	LUNETA HIDRAULICA																		
AC00440	LUNETA HIDR SMW AUTOBL SLUBZ4 (35-245) H=400												●	●	●				
AC00444	LUNETA HIDR SMW AUTOBL SLUBZ4 (35-245) H=500															●	●	●	●

STEADY COMPATIBILITY

		JAP																	
		SMS200	SMS250		SMS325			STS200	STS250	STS350			STH400			STH500			
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
AC00828	LUNETA FIJA H200 B300 CAPACIDAD Ø (10-125)	●						●											
AC00863	ARM SET WITH ROLLERS H200 B300 CAPACITY Ø (10-140)	●						●											
AC00838	LUNETA FIJA H200 B300 GRAN CAPACIDAD Ø (110-200)	●						●											
AC00872	ARM SET WITH ROLLERS H200 B300 LARGE CAPACITY Ø (140-300)	●						●											
AC00829	LUNETA FIJA H250 B350 CAPACIDAD Ø (10-140)		●	●					●										
AC00864	ARM SET WITH ROLLERS H250 B350 CAPACITY Ø (10-180)		●	●	●	●	●		●										
AC00846	LUNETA FIJA H250 B350 GRAN CAPACIDAD Ø (140-300)		●	●					●										
AC00873	ARM SET WITH ROLLERS H250 B350 LARGE CAPACITY Ø (180-400)		●	●	●	●	●		●										
AC00830	LUNETA FIJA H325 B425 CAPACIDAD Ø (10-180)				●	●	●												
AC00839	LUNETA FIJA H325 B425 GRAN CAPACIDAD Ø (180-400)				●	●	●												
AC00850	LUNETA MOVIL H200 B300 CAPACIDAD Ø (10-80)	●						●											
AC00881	ARM SET WITH ROLLERS H200 B300 CAPACITY Ø (10-100)	●						●											
AC00851	LUNETA MOVIL H250 B350 CAPACIDAD Ø (10-100)		●	●					●										
AC00882	ARM SET WITH ROLLERS SE H250 B350 CAPACITY Ø (10-140)		●	●	●	●	●		●										
AC00852	LUNETA MOVIL H325 B425 CAPACIDAD Ø (10-140)				●	●	●												
AC00835	LUNETA FIJA H350 B425 CAPACIDAD Ø (55-180)									●	●	●							
AC00844	LUNETA FIJA H350 B425 CAPACIDAD Ø (180-400)									●	●	●							
AC00857	LUNETA MOVIL H350 B425 CAPACIDAD Ø (55-130)									●	●	●							
AC00439	LUNETA FIJA H400 B425 CAPACIDAD Ø (90-300)												●	●	●				
AC00437	LUNETA FIJA H400 B425 CAPACIDAD Ø (300-530)												●	●	●				
AC00441	LUNETA FIJA H500 B500 CAPACIDAD Ø (30-380)															●	●	●	●
AC00443	LUNETA FIJA H500 B500 CAPACIDAD Ø (370-730) D68															●	●	●	●
AC01176	LUNETA MOVIL H400 B425 CAPACIDAD Ø (70-290)												●	●	●				
AC00442	LUNETA MOVIL H500 B500 CAPACIDAD Ø (35-300)															●	●	●	●

TURRET COMPATIBILITY

		JAP																	
		SMS200	SMS250		SMS325			STS200	STS250	STS350			STH400			STH500			
SAGE CODE	**DESCRIPTION**	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
AC01142	MH-90 QUICK CHANGE TOOLPOST FOR SMS 200 WITH 4 TOOL HOLDERS	○																	
AC01143	MH-115 QUICK CHANGE TOOLPOST FOR SMS 250 WITH 4 TOOL HOLDERS		○	○															
AC01144	MH-130 QUICK CHANGE TOOLPOST FOR SMS 325 WITH 4 TOOL HOLDERS				○	○	○												
AC01103	QUICK CHANGE TOOLPOST MULTIFIX TYPE E FOR SMS 200 WITH 4 TOOL HOLDERS	●																	
AC01104	QUICK CHANGE TOOLPOST MULTIFIX TYPE B FOR MMS 250 WITH 4 TOOL HOLDERS		●	●															
AC01105	QUICK CHANGE TOOLPOST MULTIFIX TYPE C FOR SMS325 WITH 4 TOOL HOLDERS				●	●	●												
AC00451	BSV-N100-8pos - left + DS-100-20-200-8 FOR SMS/STS-200	●						○											
AC00454	BSV-N120-8pos - left + DS-120-25-234-8 FOR SMS/STS-250		●	●					○										
AC00457	BSV-N160-8pos - left + DS-160-25-280-8 FOR SMS-325				●	●	●												
AC01139	AUTOMATIC 8 STATION TURRET WITH BTH -3NOS ATH-1NOS - STS350 BSV-N160									○	○	○							
AC00452	BSV-N100-12pos - left + DN-100-16-160/0-S-12 FOR SMS/STS-200	●						●											
AC00453	BSV-N100-8pos - left + DN-100-20-160/0-S-8 FOR SMS/STS-200	●						●											
AC00455	BSV-N120-12pos - left + DN-120-30-270/0-S-12 FOR SMS/STS-250		●	●					●										
AC00458	BSV-N160-12pos - left + DN-160-30-270/0-S-12 FOR SMS-325				●	●	●												
AC00459	BSV-N160-12pos - left + DN-160-40-340/0-S-12 FOR SMS-325				●	●	●												
AC00461	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 160 FOR SMS 325				●	●	●												
AC00469	BSV-N160-12pos - left + DN-160-30-270/0-S-12 FOR STS-350									●	●	●							
AC00470	BSV-N160-12pos - left + DN-160-40-340/0-S-12 FOR STS-350									●	●	●							
AC00456	BSV-N120-12pos + ODT-N12 VDI30 DIN1809 FOR STS-250								●										
AC00460	BSV-N160-12pos + ODT-N16 VDI30 DIN1809 FOR STS-350									●	●	●							

TURRET COMPATIBILITY

		JAP																	
		SMS200	SMS250		SMS325			STS200	STS250	STS350			STH400			STH500			
SAGE CODE	DESCRIPTION	42	58	105	80	105	155	42	65	80	105	155	105	155	230	130	155	230	310
AC00471	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 160 FOR STS 350									●	●	●							
AC01341	TORRETA BSVN200 8 POS DS STH-400 CON 4 PORTAS												○	○	○				
AC01340	TORRETA BSVN250 8 POS DS STH-500 CON 4 PORTAS															○	○	○	○
AC00565	TORRETA MULTIFIX D1 SH/STH 400												●	●	●				
AC00536	TORRETA MULTIFIX D2 SH/STH 500															●	●	●	●
AC01117	TORRETA CAMBIORAPIDO TGA-R-400 ALGRA FOR SH/STH500															●	●	●	●
AC00550	BSV-N200-8pos VDI 40 DN FOR STH-400												●	●	●				
AC00551	BSV-N200-12pos VDI 40 DN FOR STH-400												●	●	●				
AC00495	BSV-N250-8pos VDI 50 DN FOR STH-500															●	●	●	●
AC00496	BSV-N250-12pos VDI 50 DN FOR STH-500															●	●	●	●
AC00552	BSV-N200-12pos + ODT-N20 VDI40 DIN1809 FOR STH-400												●	●	●				
AC00497	BSV-N250-12pos + ODT-N25 VDI50 DIN1809 FOR STH-500															●	●	●	●
AC00563	LIVE TOOL AXIAL 12 STATIONS VDI 40 - TBHMA200-12 VDI 40 Ø 340/410												●	●	●				
AC00560	LIVE TOOL RADIAL 12 STATIONS BMT65 - TBMR200-12 BMT65 KEY 365												●	●	●				
AC00562	LIVE TOOL RADIAL 12 STATIONS VDI 40 - TBMR200-12 VDI 40 KEY 320												●	●	●				
AC00561	LIVE TOOL RADIAL 12 STATIONS BMT65 - TBYR200-12 BMT65 KEY 365 - FOR Y AXIS												●	●	●				
AC00534	AUTOMATIC 12 STATIONS VDI 50 - TBH250-12 VDI 50 Ø 400/480															●	●	●	●
AC00533	LIVE TOOL AXIAL 8 STATIONS VDI 50 - TBHMA250-8 VDI 50 Ø 400/480															●	●	●	●
AC00532	LIVE TOOL AXIAL 12 STATIONS VDI 50 - TBHMA250-12 VDI 50 Ø 400/480															●	●	●	●
AC00530	LIVE TOOL RADIAL 12 STATIONS BMT75 - TBMR250-12 BMT75 KEY 430															●	●	●	●
AC00531	LIVE TOOL RADIAL 12 STATIONS VDI 50 - TBMR250-12 VDI 50 KEY 380															●	●	●	●
AC00529	LIVE TOOL RADIAL 12 STATIONS BMT75 - TBYR250-12 BMT75 KEY 430 - FOR Y AXIS															●	●	●	●
AC00564	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 210 FOR SH-STH 400												●	●	●				
AC00535	4 STATION AUTOMATIC BARUFFALDI TURRET TAN 265 FOR SH-STH 500															●	●	●	●

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