

INVEST NOW AND TAKE
ADVANTAGE OF SPECIAL PRICING

In stock for prompt delivery





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Compact All-in-One machining center for powerful 3-axis machining

- Powerful BT 40 spindle with speeds up to 10,000 rpm
- Rigid machine structure with extra deep center of gravity and small footprint
- Compact all-in-one machining center with a standard configuration for various applications, ideal for the cost-conscious user
- 30 mm preloaded ball screws combined with a digital drive package provide a rigid table guide and high torque
- Dual-arm tool changer with 24 stations ensures adequate flexibility and capacity for every day production needs




Actual machine may vary slightly

Standard Equipment

Ethernet port (LAN), Siemens 828D control with Shopmill, coolant through spindle 30 bar with double filter, 24-station tool changer with dual-arm, main spindle motor 9 kW, BT 40 mount, spindle oil cooler, chain-type conveyor with chip container, electronic hand-wheel, oil skimmer, automatic central lubrication, coolant system flush gun, chip wash system, heat Exchanger for electric control cabinet, telescoping axis cover, RS-232 interface, USB port, CF card reader, totally enclosed work space, work lamp, 3-color signal lamp, coolant system, adjustable machine feet, operating tools, operator instructions



See this Machine
in action on
YouTube 

Specifications

Vector 850M

Table dimensions	mm	1.000x550
Travel X-axis	mm	850
Travel Y-axis	mm	550
Travel Z-axis	mm	550
Spindle speed	1/min	10.000
Spindle mount		BT 40
Rapid feed X-/ Y-axis	mm/min	36.000
Number of tool stations	Pieces	24
Main drive, continuous load	kW	9
Weight	kg	4.300
Part No.		181271

Special Price on Request



Premium 3-Axis Machining Center with powerful Fanuc CNC

- Fanuc 0i MD control and Fanuc drives ensure a high degree of process safety
- Short tool changing times for increased productivity and spindle up-time per shift
- 40 mm preloaded ball screws combined with a digital drive package provide a rigid table guide and high torque
- The spindle runs on 4 bearings for excellent absorption and dissipation of forces generated during machining - resulting in high surface quality

Specifications

		Lupus 420L
Table dimensions	mm	920x440
Travel X-axis	mm	765
Travel Y-axis	mm	420
Travel Z-axis	mm	510
Spindle speed	1/min	8.000
Spindle mount		BBT 40
Rapid feed X-/ Y-axis	mm/min	36.000
Number of tool stations	Pieces	24
Motor rating main drive	kW	15
Main drive, continuous load	kW	11
Weight	kg	5.200
Part No.		181162*

* STAHLWERK SPECIAL - immediately available, preconfigured by STAHLWERK experts, excellent price/performance ratio

Standard Equipment

CE, fanuc 0i-MF control, fanuc warranty 2 years, 10.4" LCD color monitor, USB interface, R232 interface, 24-station tool changer, electronic hand-wheel, coolant system, air and coolant spray wand, central lubrication, LED work lamp, 3-color signal lamp (LED), door lock, machine feet, operating tools

Special Price on Request



The Lupus 650 is equipped with a hydraulic unit for the 4th axis, an optional CNC rotary table as shown in the picture can be retrofitted

- Short tool changing times and 30 stations (optionally expandable to 40 stations) for increased productivity, high flexibility, and increased spindle up-time per shift
- The spindle runs on 4 bearings for excellent absorption and dissipation of forces generated during machining - resulting in high surface quality

Specifications

Lupus 650

Table dimensions	mm	1.400x700
Travel X-axis	mm	1.280
Travel Y-axis	mm	670
Travel Z-axis	mm	640
Spindle speed	1/min	10.000
Spindle mount		BBT 40
Rapid feed X-/ Y-axis	mm/min	36.000
Number of tool stations	Pieces	30
Motor rating main drive	kW	15
Main drive, continuous load	kW	11
Weight	kg	7.500
Part No.		422240

- immediately available, preconfigured by STAHLWERK experts, excellent price/performance ratio

Standard Equipment

Siemens 828 D control, Shopmill Softwareoption für Sinumerik 828D, Spindle upgrade to 10.000 RPM, Spindle head cooling system (Oil Cooler), Chain type chip conveyor (lateral), chip cart 230 I (tiltable), Through Spindle Coolant 30 bar, Additional M code for configuration, Hydraulic unit for 4th axis, CE, USB interface, R232 interface, 30-station tool changer, electronic hand-wheel, coolant system, air and coolant spray wand, central lubrication, work lamp, 3-color signal lamp (LED), door lock, machine feet, operating tools

Special Price on Request

- Our bestseller, the X.mill M 640 ECO, features a machine frame with mineral-casting base - mineral-casting reduces vibration 6 times faster than cast iron (GG25) - ensuring exceptionally quiet operation and excellent milling capacity
- premium linear guides and powerful servo drives on all axes
- totally enclosed work space with side doors ensures maximum safety and flexibility



Standard Equipment

siemens 808D Advanced TTL control, electronic hand-wheel, spiral chip conveyor, servo drive for all 3 axes, 12-station tool changer, control cabinet with heat-exchanger, totally enclosed work space, CE-certified safety glass, door safety interlock, LED work lamp, chip tray, automatic central lubrication, air gun, manual coolant spray gun, leveling plates and jacks, operating tools, operator instructions

Specifications

	X.mill M 640 ECO	
Table dimensions	mm	750x360
Table load capacity	kg	500
Travel X-axis	mm	640
Travel Y-axis	mm	400
Travel Z-axis	mm	500
Spindle speed	1/min	10.000
Spindle mount		BT 40
Rapid feed X-axis	mm/min	36.000
Rapid feed Y-axis	mm/min	36.000
Rapid feed Z-axis	mm/min	24.000
Number of tool stations	Pieces	12
Tool-change time tool/tool	sec	7
Motor rating main drive	kW	11
Main drive, continuous load	kW	7,5
Overall dimensions (length x width x height)	m	2,3x1,8x2,3
Weight	kg	4.200
Part No.		181333

Special Price on Request

X.mill 1100 L

Vertical machining of large workpieces with high precision and reliability



Toolchanger with twin arm gripper

- machine frame with linear guides in an extra-wide configuration, rigid construction for efficient machining
- high-precision preloaded ball screws on all 3 axes
- dual-arm 24-station tool changer for quick and precise tool changes
- enclosed work space ensures safe and contamination-free work
- powerful servo-drives ensure high feed dynamics
- Chain-type chip conveyor ensures efficient chip removal

Specifications

X.mill 1100 L

X / Y / Z axis travel	mm	1100 / 600 / 700
Table dimensions	mm	1.200x600
Spindle speed	1/min	8.000
Spindle mount		BT 40
Rapid feed X-axis	mm/min	36.000
Rapid feed Y-axis	mm/min	36.000
Rapid feed Z-axis	mm/min	30.000
Number of tool stations	Pieces	24
Main drive motor rating, (cont/30 min)	kW	9 / 12
Weight	kg	6.800
Part No.		170094

Standard Equipment

Control Siemens 828D with Shopmill, rigid tapping, electronic hand-wheel, spindle oil cooler, chain-type chip conveyor, 24-station dual-arm tool changer, pneumatic tool clamping, climatic electric box, closed work space, work lamp, memory Card and RS 232 interface, automatic central lubrication, coolant system, air gun, coolant system flush gun, chip wash system, operating tools, leveling plates and jacks, operating manual and programming instructions

Special Price on Request

Premium Production Turning Center with extra-large center width

- A modern CNC Lathe must be productive, reliable, and cost-effective. The Orion T series combines all of these characteristics in every model
- The servo turret provides precision and efficiency at the workpiece, complemented by advanced drive technology with rapid feeds up to 36 m/min
- Fast: Linear guides for reliable precision
- Reliable: Fanuc control technology
- Expandable: many options available



Standard Equipment

chain type chip conveyor (lateral), chip cart 230 l (tiltable), coolant pump upgrade to 1.8 KW, auto bar feeder interface, Part catcher box version, Transformator for suitable power supply, Tool pre setter Renishaw HPRA (portable), CE, Fanuc Oi TF control, Fanuc warranty 2 years, 10.4" LCD color monitor, USB interface, R232 interface, 10-station tool holder, manual tailstock, live center, hydraulic 3-jaw chuck with soft jaws, set of soft jaws, foot switch for 3-jaw chuck, chuck close/open confirm switch, hydraulic unit, coolant system, air and coolant spray wand, central lubrication, LED work lamp, 3-color signal lamp (LED), door lock, machine feet, operating tools

Specifications

Orion 6TL

Turning-Ø over bed (max.)	mm	480
Turning diameter (max.)	mm	280
Turning length (max.)	mm	520
Travel X-axis	mm	165
Travel Z-axis	mm	520
Bar capacity (incl. chuck)	mm	44
Spindle speed	1/min	6.000
Spindle mount		A2-5
Number of tool stations	Pieces	10
Motor rating main drive	kW	15
Part No.		422239

- immediately available, preconfigured by STAHLWERK experts, excellent price/performance ratio

Special Price on Request

- With automation solutions for workpiece and pallet handling, every machine can be configured for semi-automatic or fully automated operation

Premium Lathe - powerful and customizable

- High-performance Fanuc 0i TF CNC control
- with Renishaw tool gauging system HPRA, lateral chain-type chip conveyor, chip cart, and rod loader interface
- Merkur 245 LMB also include a parts catcher with collection box, a powerful 1.8 kW coolant pump, and an oil skimmer
- Merkur 245LMB - Flat guides, C-axis and driven tools



Actual machine may vary slightly

Standard Equipment

Fanuc 0i TF control, Fanuc warranty 2 years, CE, 10.4" LCD color monitor, USB interface, R232 interface, Tool pre setter Renishaw HPRA (portable), Additional M code for configuration, chain type chip conveyor (lateral), chip cart 230 I (tiltable), coolant pump upgrade to 1.8 KW, auto bar feeder interface, Part catcher box version, Transformator for suitable power supply, oil skimmer, 12 station tool holder (incl. 2 radial and 2 axial), manual tailstock, live center, hydraulic 3-jaw chuck with soft jaws, set of soft jaws, foot switch for 3-jaw chuck, chuck close/open confirm switch, hydraulic unit, coolant system, air and coolant spray wand, central lubrication, LED work lamp, 3-color signal lamp (LED), door lock, machine feet, operating tools

Specifications

Merkur 245LMB

Turning-Ø over bed (max.)	mm	550
Turning-Ø over support	mm	360
Turning diameter (max.)	mm	280
Turning length (max.)	mm	490
Travel X-axis	mm	200
Travel Z-axis	mm	550
Bar capacity (incl. chuck)	mm	76
Spindle speed	1/min	3.500
Spindle mount		A2-8
Number of tool stations	Pieces	12
Speed, driven tools	1/min	5.000
Motor rating main drive	kW	15
Main drive, continuous load	kW	11
Motor rating, driven tools	kW	3,7
Driven tools, continuous load	kW	2,2
Weight	kg	4.500
Part No.		422241

- immediately available, preconfigured by STAHLWERK experts, excellent price/performance ratio

Special Price on Request



See this Machine
in action on
YouTube



Siemens Sinumerik 828 D Basic for turning applications - a compact and user-friendly solution for lathes

- Heavy machine frame with inclined bed ensuring high rigidity and easy chip removal
- Precise linear guides in X and Z for high stability and accuracy even at highest loads
- The enclosed work space is easily accessible through a large sliding door
- Future-proof: the Siemens 828 D Basic control meets all requirements for advanced control technology
- The 8-station tool turret ensures a large work area and quick and precise tool changes
- A powerful 15 kW headstock motor delivers high torque across the entire speed range

Standard Equipment

Siemens 828 D Basic control, hydr. 200 mm 3-jaw lathe chuck with through-hole, hydr. tailstock, automatic central lubrication, chain-type chip conveyor, heat Exchanger for electric control cabinet, closed work space, LED work lamp, coolant system, air gun, coolant system flush gun, operating tools, operator manual

Specifications

Roturn 400 C

Workpiece length (max.)	mm	430
Turning diameter over bed	mm	400
Travel X-axis	mm	200
Travel Z-axis	mm	450
Spindle bore	mm	62
Main motor rating	kW	15 / 11
Overall dimensions (length x width x height)	m	3,8x1,87x1,91
Weight	kg	3.340
Part No.		180633

Special Price on Request



Roturn 400 GT is shown with optional accessories



Linear tool changer with a radial driven tool

- Linear tool changers are ideal for the serial production of smaller workpieces - shortest tool changing times and absolutely reliable features ensure increased productivity
- A hydraulic 160 mm 3-jaw chuck is included in the standard equipment
- Chip conveyor and powerful coolant system are also included in the standard equipment
- Driven tool for radial and axial machining

Standard Equipment

Siemens 828 D Basic control, hydr. 160 mm 3-jaw lathe chuck with through-hole, driven tool (radial), automatic central lubrication, chain-type chip conveyor, heat Exchanger for electric control cabinet, closed work space, LED work lamp, coolant system, operating tools, operator manual

Specifications

		Roturn 400 GT
Workpiece length (max.)	mm	380
Center height	mm	200
Turning diameter over bed	mm	400
Turning-Ø over support	mm	140
Speed range	1/min	60 - 5.000
Spindle mount		A2-5
Number of driven tools	Pieces	1
Main motor rating	kW	7,5 / 5,5
Weight	kg	2.500
Part No.		180632

Special Price on Request



- rapid feeds up to 30000 mm/min
- all axes are driven by servo-motors for maximum reliability and torque
- Integrated Productivity: Fast, bidirectional positioning of 12-station VDI tool turret, hydraulic 3-jaw chuck
- automatic central lubrication, coolant system and chain conveyors extend intervals between maintenance and reduce down-times
- Powerful Fanuc controls define state-of-the-art and sets the standard for reliability

Specifications		StarChip 400B/960
Center width	mm	960
Turning-Ø over bed (max.)	mm	610
Turning-Ø over support	mm	480
Spindle speed	1/min	50 - 5.000
Spindle mount		ISO A2-6
Spindle bore with draw tube	mm	52
Number of tool stations	Pieces	12
Motor rating main drive	kW	18,5/15
Overall dim. (length x width x height)	m	3,75x1,9x1,9
Weight	kg	5.500
Part No.		421518*

* Demo Machine - Ex Wasbek Warehouse – no returns accepted – provided with CE certificate and 12 months warranty



Standard Equipment

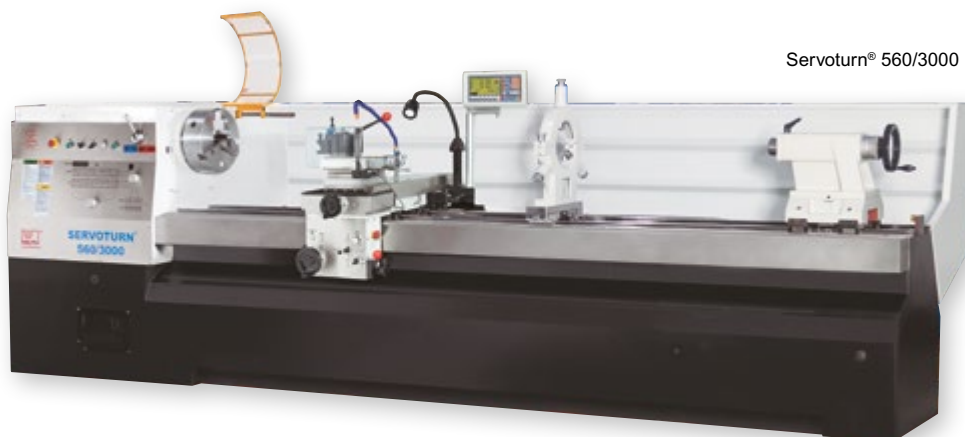
Fanuc 0i-TF (1) control with Manual Guide 0i, electronic hand-wheel, 12-station tool turret acc. to VDI 30, programmable, movable tailstock, hydraulic 3-jaw chuck 210 mm with through-hole, parts catcher with conveyor system, chip conveyor chain type, totally enclosed work space, foot switch for chuck, chip tray, coolant system, automatic central lubrication, work lamp, machine feet, fastening bolts, operating tools, operating manual and programming instructions

Special Price on Request

Servoturn® 560/2000

Advanced servo-conventional lathe technology for powerful chip removal at long turning lengths

- Heavy, large machine beds made of high-strength mineral-casting
- SERVOTURN® integrates many years of experience and superior construction properties, allowing uninterrupted cuts with high grade surface quality even under highest loads



Servoturn® 560/3000

Standard Equipment

3-axis position indicator, 3-jaw chuck, quick change tool holder, quick tool changer head, steady rest 19-165 mm, follow rest 16-95 mm, coolant system, fixed splash guard (wall), protective shield for support, work lamp, operator instructions

Specifications

	Servoturn® 560/2000	
Workpiece length (max.)	mm	2.200
Turning diameter over bed	mm	560
Spindle bore	mm	80
Spindle mount		D1-8
Motor rating main drive	kW	7,5
Overall dimensions (length x width x height)	m	3,7x1,26x1,8
Weight	kg	4.300
Part No.		300826

Special Price on Request

Servoturn® 410/1000

Easy to operate, more reliable, more precise, for higher loads and reduced maintenance

- axes are powered by high-quality servo drives that translate your hand movements with the precision and dynamics of modern CNC machines
- mineral-casting reduces vibration 6 times faster than cast-iron (GG25) and up to 10 times faster than steel- this ensures excellent surface quality that could not be achieved with conventional machines



Standard Equipment

3-axis position indicator, 3-jaw chuck Ø 200 mm, quick-action tool holder WBD 25120 (3 pieces), quick change tool holder WBH 32130, quick change tool holder head WB, live rest 10 - 100 mm, coolant system, fixed splash guard (wall), protective shield for support, work lamp, operator instructions

Specifications

	Servoturn® 410/1000	
Workpiece length (max.)	mm	1.050
Turning diameter over bed	mm	410
Turning-Ø over support	mm	250
Spindle speed	1/min	30 - 3.000
Spindle bore	mm	52
Spindle mount		D1-6
Motor rating main drive	kW	5,5
Overall dimensions (length x width x height)	m	2,45x1,36x1,35
Weight	kg	2.500
Part No.		300825

Special Price on Request



See this Machine
in action on
YouTube



Turnado 230/1500 V is shown with 3-axis position indicator and infinitely variable speed

- wide bed, ground and hardened
- offset tailstock for taper turning
- large number of thread leads
- removable gap bridge for machining of large diameter
- the extensive features of the X.Pos Position Indicator are complemented here with a digital speed indicator and an easy to program auxiliary function Constant speed - During face turning, the spindle speed automatically adapts to the changing workpiece diameter – the constant cutting speed at the cutting edge of the turning tool ensures superior turning results with a quality comparable to CNC lathes

Standard Equipment

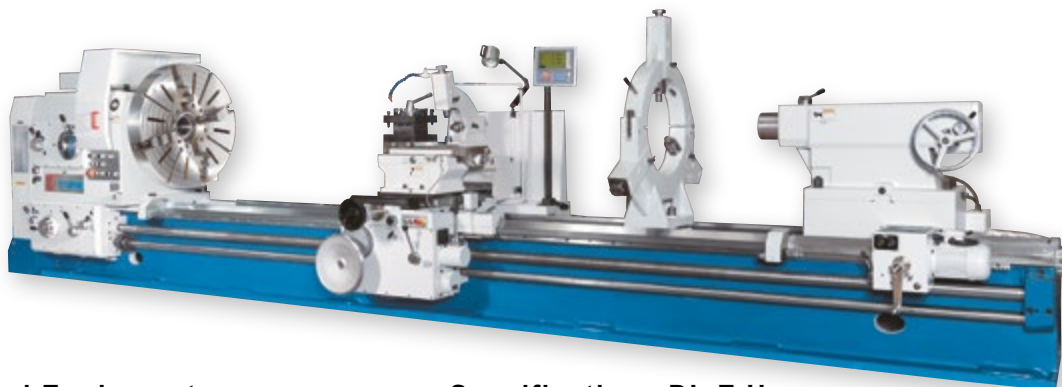
3-axis position indicator, 3-jaw chuck, 4-jaw face chuck, face plate, quick tool changer head, quick change tool holder, coolant system, follow and steady rests, stop spindle, fixed splash guard (wall), chuck guard, foot brake pedal, LED work lamp, reducing sleeve, dead center, thread gauge, operating tools, operator instructions

Specifications Turnado		230/2000	230/2000 V const	280/2000 V const
Workpiece length (max.)	mm	2.000	2.000	1.928
Turning diameter over bed	mm	460	460	560
Turning-Ø over support	mm	224	224	355
Spindle bore	mm	58	58	80
Spindle mount		Camlock D1-6	Camlock D1-6	Camlock D1-8
Motor rating main drive	kW	5,5	7,5	7,5
Weight	kg	2.100	2.100	2.720
Equipment		with position indicator	with position indicator and infinitely variable speed adjustment	with position indicator and infinitely variable speed adjustment
Part No.		320557	320575	320573

Special Price on Request

DL E Heavy 500/3000

130 mm spindle bore, large turning diameter and center width up to 3000 mm



Standard Equipment

3-axis position indicator, 4-jaw face plate chuck Ø 1000 mm, coolant system, steady rest 50-470 mm, follow rest 50-220 mm, motorized tailstock, work lamp, center points, reducing sleeves, foundation bolts, central lubrication, operator manual, operating tools

Specifications DL E Heavy

500/3000

Workpiece length (max.)	mm	3.000
Turning diameter over bed	mm	1.000
Turning-Ø over support	mm	650
Travel X-axis	mm	510
Spindle speeds (right)	1/min	(21) 3,15 - 315
Spindle bore	mm	130
Tailstock quill taper		metric 80
Motor rating main drive	kW	22
Overall dimensions (length x width x height)	m	6,1x1,81x1,79
Weight	kg	10.850
Part No.		300500

Special Price on Request

Basic 180 V

The highlight of the Basic series - powerful and fully equipped



See this Machine
in action on
YouTube



Standard Equipment

3-axis position indicator, 4-jaw face plate chuck Ø 200 mm, face plate Ø 320 mm, change gears, quick change tool holder head WE, quick change tool holder WED 20100, coolant system, steady and follow rests, chip tray, fixed splash guard (wall), chuck guard, foot brake pedal, base, LED work lamp, micrometer longitudinal stop, reducing sleeves, dead center, thread gauge, operating tools, operator instructions



Specifications

Basic 180 V

Center width	mm	1.000
Turning diameter over bed	mm	356
Turning-Ø over support	mm	220
Turning diameter over gap bridge	mm	506
Spindle speed	1/min	30 - 3.000
Spindle mount		Camlock D1-4
Motor rating main drive	kW	4
Weight	kg	880
Part No.		300807

Special Price on Request

UWF 5

Rigid knee-and-column milling machine with servo drive feed and universal swivel head

- Universal cutter head swivels on 2 planes - quick change-over from horizontal to vertical machining
- Powerful axis servo-motors allow infinite adjustment of feeds on all 3 axes

Specifications		UWF 5
Table dimensions	mm	1.325x360
Spindle mount (horizontal)	ISO	50
Spindle speed (vertical)	1/min	(12) 60 - 1.750
Spindle mount (vertical)	ISO	50
Spindle speed (horizontal)	1/min	(12) 60 - 1.800
Motor rating horizontal spindle	kW	5,5
Motor rating vertical spindle	kW	4
Weight	kg	2.885
Part No.		362750



Standard Equipment

3-axis position indicator, reducing sleeve ISO 50 / MT4, milling arbors (27, 32 mm), outer arbor support for horizontal milling, ISO 50 collet chucks incl. collets up to 16 mm (8 pieces), coolant system, work lamp, chip tray, draw bar, operating tools, operator instructions

Special Price on Request

VFM 5

Large travel size and heavy vertical cutter head with adjustable angle

- Extremely rigid cutter head swivels $\pm 30^\circ$
- Manual quill feed for micro-feeds during milling and drilling, even with tilted cutter head
- High-torque servo motors with infinitely variable feeds and rapid feeds on all 3 axes

Specifications		VFM 5
Table set up area	mm	320x1.600
Speed range	1/min	(12) 50 - 1.475
Spindle mount		ISO 50
Quill stroke	mm	70
Motor rating main drive	kW	5,5
Overall dimens. (length x width x height)	m	2,52x2,1x2,15
Weight	kg	2.350
Part No.		301282



Standard Equipment

3-axis position indicator, reducing sleeve (ISO 50 / MK4), draw bar, foundation bolts M20 x 500 mm, central lubrication, coolant system, chip tray, work lamp, operating tools, operator instructions

Special Price on Request

KSB 63B

Superior Rigidity for Drilling, Reaming and Thread-Cutting Tasks

- table and drill head can be moved individually for an optimum machining height
- 9-step feed and speed gears, with oil-bath lubrication
- high torque across the entire speed range

Specifications

KSB 63B

Drilling capacity	mm	63
Throat	mm	375
Quill stroke	mm	250
Spindle nose-to-table surface distance	mm	860
Table set up area	mm	650x550
Spindle mount		MK 5
Spindle speed	1/min	(9) 40 - 570
Motor rating main drive	kW	5,5
Overall dimensions (length x width x height)	m	0,97x1,45x2,79
Weight	kg	2.500
Part No.		101695



Special Price on Request

Standard Equipment

coolant system, tapping unit, halogen lights, operating tools, operator instructions

SSB 32 Xn

Universal drill press for workshop applications

- table rotates and swivels $\pm 45^\circ$
- head swivels $\pm 45^\circ$, adjustable height
- digital speed (rpm) display

Specifications

SSB 32 Xn

Drilling capacity	mm	32
Table set up area	mm	500x420
Quill stroke	mm	160
Spindle nose-to-table surface distance	mm	630
Spindle mount		MK 4
Spindle speed	1/min	(12) 125 - 3.030
Quill feeds	mm/R	0,1; 0,2; 0,3
Motor rating main drive	kW	1,2
Overall dimensions (length x width x height)	m	0,84x0,5x1,96
Weight	kg	540
Part No.		162332



Special Price on Request

Standard Equipment

tapping unit, protective shield, LED work lamp, coolant system, operating tools, operator manual

KSS 32

Basic drill press for workshop and production operations

- belt drive for low-noise operation, low-maintenance and robust design
- precision spindle bearing - long life and high accuracy
- adjustable depth stop at the capstan handle
- long quill stroke with precision guide

Specifications		KSS 32
Drilling capacity	mm	32
Quill stroke	mm	130
Throat	mm	230
Spindle nose-to-table surface distance	mm	750
Table set up area	mm	330x380
Spindle mount	MT	3
Spindle speed	1/min	(9) 160 - 1.880
Motor rating main drive	kW	1,5
Weight	kg	190
Part No.		162508



Standard Equipment

drill chuck with wrench, tool-holder bits, drift bolt, coolant system, operating tools, operator instructions

Special Price on Request

KB 20 S

High-Performance Bench-Type Column Drill Press for industrial applications

- Forward and reverse, plus automatic reversal of direction for thread cutting
- Integrated LED work lamp is standard

Specifications		KB 20 S
Drilling capacity	mm	20
Tapping capacity (max.)		M 20
Table set up area	mm	255x255
Spindle nose-to-table surface distance	mm	366
Throat	mm	240
Quill stroke	mm	135
Speed range	1/min	(5) 320 - 1.820
Spindle mount		MK2
Motor rating main drive	kW	1,1
Weight	kg	170
Part No.		170460



Standard Equipment

drill chuck, tool-holder bits, drill press vice, tapping unit, operating tools

Special Price on Request

RSM 1000 C

High-Precision Cylindrical Grinding Machine for Inside and Outside Machining

- Hydraulic ratchet feed simplifies exact X axis positioning, limited by an adjustable zero stop
- The heavy-duty spindle head swivels 30° to the left and to the right; the work spindle head swivels 45°
- Integrated rapid feed on Z axis with manual return



Specifications RSM		1000 C
Center height	mm	180
Grinding diameter	mm	8 - 320
Grinding length	mm	1.000
Workpiece weight between centers (max.)	kg	150
Tailstock taper	MT	4
Grinding wheel dimensions	mm	400x50x203
Weight	kg	3.700
Part No.		302445



Standard Equipment

3-axis position indicator, internal grinding equipment, open rest, closed rest, 3-jaw chuck Ø 200 mm, coolant system, grinding wheel dresser, balancing station, balancing mandrel, grinding wheel flange, center point, front and rear splatter guard, drivers, operating tools, operator manual, test certificate

Special Price on Request

HFS 4080 B PLC

Precision and reliability for small and medium-sized workpieces

- A PLC control with a servo-drive on Y axis simplify the input of grinding cycles for plane and slot grinding
- Precise vertical feed via servo-motor and preloaded ball screws

Specifications		HFS 4080B PLC
Workpiece weight (max.)	kg	700
Spindle nose-to-table surface distance	mm	580
Table dimensions	mm	400x800
Speed	1/min	1.450
Travel X-axis	mm	850
Travel Y-axis	mm	440
Hydr. feed X-axis	m/min	7 - 25
Motor rating main drive	kW	5,5
Grinding wheel dimensions	mm	355x40x127
Weight	kg	2.800
Part No.		124908



HFS 3063 B PLC

Standard Equipment

2-axis position indicator, grinding wheel flange, coolant system, balancing shaft, LED work lamp, magnetic clamping plate, adjustment screws, operating tools, operator manual

Special Price on Request

- Heavy cast-iron machine frame provides a rigid, torsion-proof structure and features dual V-guides for transverse motion and combined V-guides and box ways for linear motion



HFS 2550 B C

- feature manual grinding-wheel feeds
- Preloaded precision-bearings ensure maximum grinding performance and high reliability over many production hours
- Hydraulically operated linear table movement, infinitely variable, high consistency, and soft reversal of direction

Standard Equipment

2-axis position indicator, grinding wheel flange, coolant system, balancing shaft, LED work lamp, magnetic clamping plate, adjustment screws, operating tools, operator manual

Specifications

		HFS 2550B C	HFS 3063B C
Workpiece weight (max.)	kg	300	420
Spindle nose-to-table surface distance	mm	520	520
Table dimensions	mm	255x510	300x600
Speed	1/min	2.850	1.450
Travel X-axis	mm	560	660
Travel Y-axis	mm	280	340
Hydr. feed X-axis	m/min	7 - 25	7 - 25
Motor rating main drive	kW	2,2	4
Grinding wheel dimensions	mm	200x25x32	355x40x127
Weight	kg	1.680	1.900
Part No.		124900	124903

Special Price on Request

DSB D

Rigid Dual Pedestal Grinders for industrial and commercial operations



DSB 300 D is shown

- heavy-duty design with rigid cast-iron body and maintenance-free motor
- balanced rotor and premium bearings ensure quiet operation and optimum results
- safety always comes first: emergency stop switch and safety observation shield
- premium components for long tool life and endurance under rough workshop conditions

Standard Equipment

base, safety observation shield, 2 universal corundum wheels

Specifications

DSB 300 D

Speed	1/min	1.450
Motor rating main drive	kW	2,2
Grinding wheel dimensions	mm	300x50x75
Weight	kg	84
Part No.		112150

Special Price on Request

KSM 13S

For HSS and carbide drills with diameters from 4 to 13 mm



- Chamfering of relief angle (rear of drill bit), chamfering of point angle
- Point grinding

Specifications

KSM 13 S

Grinding diameter	mm	4 - 13
Grinding wheel material		CBN
Motor rating main drive	kW	0,18
Supply voltage	V	220
Overall dimensions (length x width x height)	m	0,4x0,22x0,29
Weight	kg	22
Part No.		112825

Special Price on Request

KSW 200

Manual multi-purpose grinding machine with extensive accessories



Standard Equipment

tailstock right and left, spring stop, variable table stops, standard center 60°, half center 60°, 1 cupwheel and 1 diamond top wheel (125 x 35 x 32 mm), 1 grinding wheel and 1 poppet (125 x 15 x 32 mm), 3-jaw turning chuck, twist drill grinding feature, turning tool holder, cutter mandrels 16, 22, 32 mm, base, operating tools, operator instructions

Specifications

KSW 200

Grinding diameter	mm	125
Grinding length	mm	320
Table travel, X-axis	mm	150
Table travel, Z-axis	mm	300
Spindle axis-to-table surface distance	mm	115
Speed	1/min	2.800
Head swivel range		± 40°
Motor rating main drive	kW	0,18
Overall dimensions (length x width x height)	m	0,65x0,58x1,4
Weight	kg	200
Part No.		101417

Special Price on Request

KEM 250

Effective and quick deburring of sheet metal and other flat material



- Two counter-rotating flap wheels allow simultaneous deburring on both sides
- Separately controlled drive motors for single-side deburring
- Ideal for deburring up to 10 mm thick material
- Ready for connection of an exhaust system

Standard Equipment

base, grinding rotors 250 x 50 / K60, operator instructions

Specifications

KEM 250

Plate thickness (max.)	mm	10
Belt speed	m/s	18
Speed	1/min	1.400
Motor rating main drive	kW	0,55
Overall dimensions (length x width x height)	m	0,46x0,67x0,48
Weight	kg	70
Part No.		102857

Special Price on Request

EM 250

Powerful deburring machine for industrial and commercial operations



- For deburring of tubes, profiles and flat material
- Workpieces can be deburred inside and outside
- Including rigid machine foot
- Ready for connection of an external vacuum exhaust
- Wire wheel brushes with different wire diameters available, including wheels for machining of stainless steel

Standard Equipment

base, wire wheel brush, vacuum exhaust connection, operator instructions

Specifications

		EM 250
Speed	1/min	3.000
Motor rating main drive	kW	2,2
wire wheel brush size	mm	250x45x24
Overall dimensions (length x width x height)	m	0,33x0,64x1,16
Weight	kg	50
Part No.		102858

Special Price on Request

KF 6000

Compact, powerful servo-motor, infinitely variable from 2000 to 6000 rpm

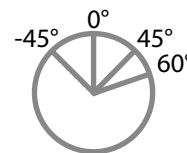
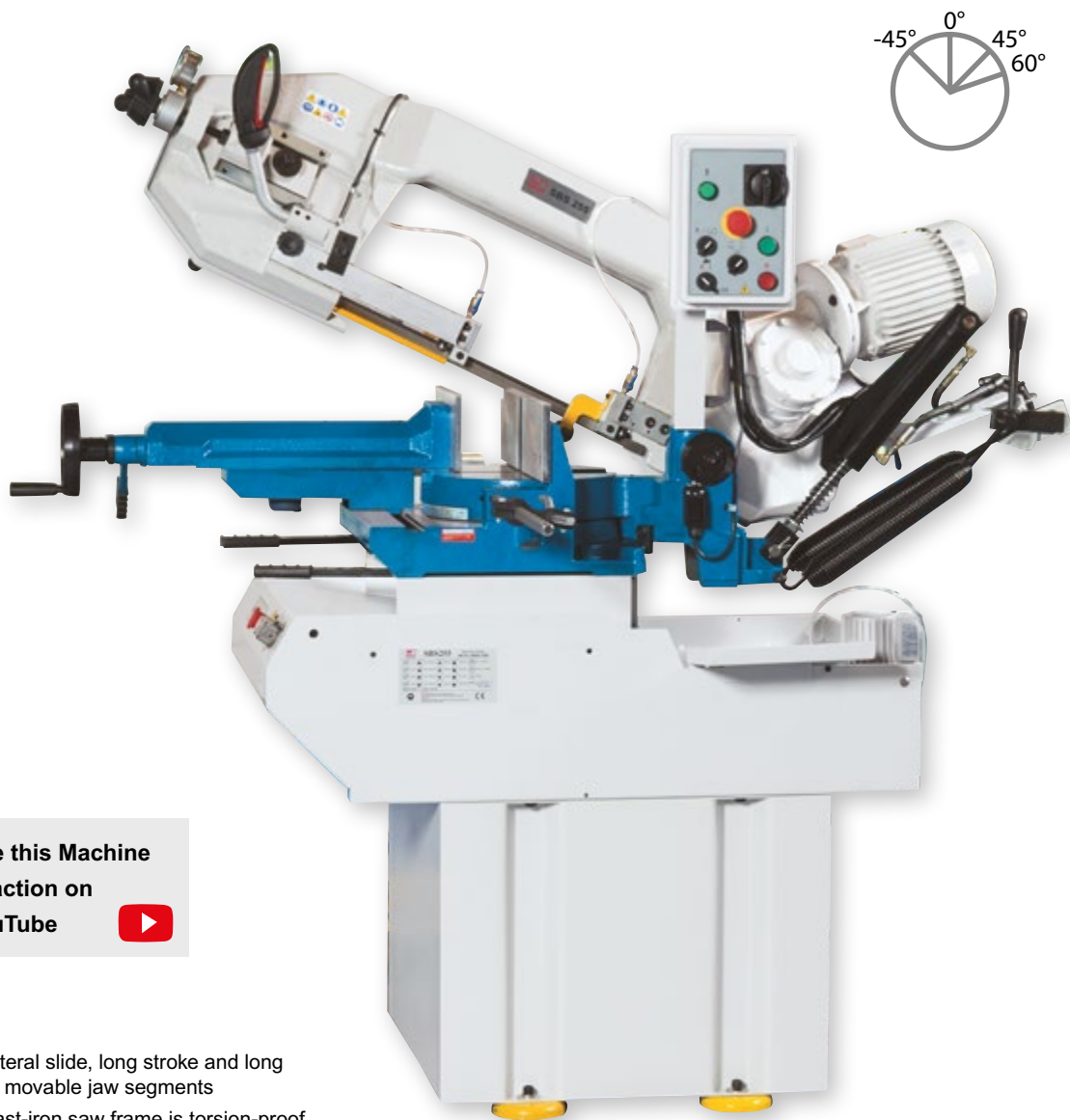
- Proven under rough, commercial use conditions
- For deburring, chamfering, bevelling, and cost-effective weld seam preparation at straight workpiece edges
- One machine for two applications: Use directly at the workpiece to machine large dies, includes a special mount for easy change-over to stationary operation
- Suitable for steel, stainless steel, aluminum, non-ferrous metals and acrylics


Specifications

		KF 6000
Guide bar length	mm	230
Chamfer width, max.	mm	10
Speed	1/min	6.000
Motor rating main drive	kW	0,75
Weight	kg	9,28
Part No.		101360



Special Price on Request



See this Machine
in action on
YouTube 

- Rigid vise with lateral slide, long stroke and long guideways in the movable jaw segments
- The one-piece cast-iron saw frame is torsion-proof and swivels 60° to the right, and 45° to the left
- Rigid saw blade guides offer a wide adjustment range for workpieces with small and large cross-sections
- The combination of carbide jaws and adjustable ball bearing guides ensure precision cuts
- Powerful motor for continuous operation
- High-capacity coolant system is included
- Includes base

Specifications

SBS 255

Cutting capacity 0° (round)	mm	255
Cutting capacity 0° (flat)	mm	315x230
Cutting capacity 45° (flat) L	mm	160x160
Cutting capacity 45° (flat) R	mm	195x230
Cutting capacity 60° R (flat)	mm	115x160
Cutting speed	m/min	45 / 90
Motor rating main drive	kW	1,5
Weight	kg	380
Part No.		152786

Standard Equipment

1 saw blade, coolant system, base, pressure gauge for saw blade tensioning, hydraulic cylinder for saw frame, operator instructions

Special Price on Request

HB 250 A

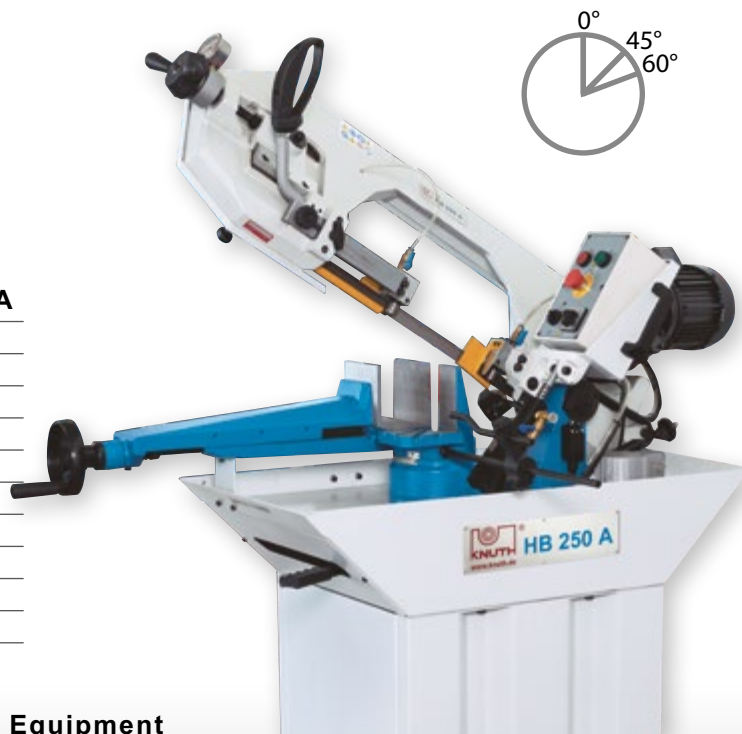
Practical workshop saw for miter cuts

- for miter cuts, the operator moves the saw frame - not the material
- Hydraulic cylinder provides for infinitely variable support pressure and saw frame feed
- vise with quick-action clamping feature

Specifications

HB 250 A

Cutting capacity 0° (round)	mm	225
Cutting capacity 0° (flat)	mm	245x190
Cutting capacity 45° (flat)	mm	210x155
Cutting capacity 45° (round)	mm	155
Belt speed	m/min	40 / 90
Main motor rating	kW	1,1
Weight	kg	185
Cutting capacity 60° - round	mm	90
Part No.		152796



Standard Equipment

1 saw blade, coolant system, base, quick-action vise, hydraulic cylinder for saw frame, operator instructions

Special Price on Request

KKS 250

Rigid, Reliable and Maximum Angle Precision

- head swivels 45° to the left and to the right
- Vise with quick-action clamping feature for efficient machining of small batches
- 2 speed ranges for machining of a wide spectrum of materials

Specifications

KKS 250

Max. saw blade diameter	mm	250
Speed	1/min	45, 90
Width of vise	mm	100
Cutting capacity 90° - square	mm	65
Cutting capacity 90° - flat	mm	80x55
Cutting capacity 45° (round) L	mm	65
Motor rating main drive	kW	2,2
Main drive, continuous load	kW	0,73
Weight	kg	131
Part No.		102130



Standard Equipment

quick-action vise, base, coolant system, linear stop

Special Price on Request



VB 610 shown

- torsionally rigid steel construction
- table tilts $\pm 15^\circ$ in all directions
- Electrical speed control from 20-85 m/min and 120-500 m/min, with band speed indicator
- functional and practical design
- high-precision blade guides with carbide-tipped back-roller



Precise saw blade guide can be adjusted to various blade widths

Specifications

		VB 360	VB 610
Table dimensions	mm	500x400	600x500 / 220x500
Cutting capacity height x throat	mm	175x310	340x610
Cutting speed	m/min	20-90	20-85 + 120-500
Motor rating main drive	kW	0,75	1,5
Weight	kg	225	700
Part No.		102550	102694

Special Price on Request

Standard Equipment

saw blade welder assembly, light, 1 saw blade

AHK H 30175 CNC

Excellent price/performance ratio - unsurpassed combination of power



- The machine frame is made of a high-precision, stress-relieved steel weldment
- All components subject to tensile loads have been carefully constructed and designed with large radii to eliminate the risk of welding cracks

- A large throat, long stroke, and narrow table ensure plenty of free space to accommodate complex bending sequences
- All machines include a manual crowning system inside the table; a motorized crowning version is available as an option
- Cylinder bodies are forged from solid SAE 1040 material
- Linear guides and large preloaded ball screws are mounted in a protective enclosure to ensure smooth operation even under the most difficult environmental conditions

Standard Equipment

CybeleC Touch 8 2D Steuerung for 3 axis, X-axis back gauge with servo motor, quick-action clamping of male die, manual akas laser safety LC II M FM-SC safety system, light barrier, 2 front support arms moving on linear guides, foot pedal with e-stop switch, operator instructions, european type male die H = 67 mm, european type Bottom Tool 4V H: 60x60 mm, 2 high adjustable back-gauge fingers, European tool clamping system, motorized crowning, R-Axis

Specifications

	AHK H 30175 CNC	
Pressure force	t	175
Brake length	mm	3.100
Bending speed	mm/s	10
Rapid feed	mm/s	120
Motor rating main drive	kW	18,5
Overall dimensions (length x width x height)	m	3,95x1,98x2,85
Weight	kg	11.000
Part No.		423021

Special Price on Request

AHK M 2160 NC

Compact bending solution with motorized R-axis



- The machine frame is made of a high-precision, stress-relieved steel weldment and features a rigid bending bar and hydraulic cylinders on both sides
- The hydraulic unit with reservoir is placed in the top part of the machine frame to save space and add to the rigidity of the construction
- Each support arm can be adjusted in height and is extremely sturdy
- Promecam tool mounts to accommodate an extensive selection of bending tools
- All functions are input and retrieved directly at the touchscreen

Standard Equipment

Weintek 7" NC-control, motorized backgauge X-axis, motorized backgauge R-axis, Upper tool H European style H = 67 mm (segmented), european type bottom tool 4V, sliding front support arms (2 pcs), light curtain, foot pedal with e-stop switch, operator instructions

Specifications AHK

2160 NC

Pressure force	t	60
Brake length	mm	2.100
Distance between columns	mm	1.700
Bending speed	mm/s	10
Rapid feed	mm/s	90
Motor rating main drive	kW	7,5
Overall dimensions (length x width x height)	m	2,35x1,6x2,23
Weight	kg	4.340
Part No.		182642

Special Price on Request



- including modular pneumatic sheet metal holding device
- The machine frame is made of a high-precision, stress-relieved steel weldment and features rigid sliding block guides
- The large work table features roller balls and a rigid lateral angular stop for easy handling and safe plate alignment
- Polished pistons on both hydraulic cylinders feature superior 2 micron surface grades, ensuring a long seal life
- Cylinder bodies are forged from high-strength SAE 1040 material
- Linear guides and preloaded ball screws are mounted in a protective enclosure
- Upper and lower knives suitable for stainless steel

Standard Equipment

BRL 401.2 NC Control Unit, laser cut line, hand safety guard, material support table with rollers, foot pedal with E-stop switch, safety system for work area, back gauging, support arms (L=1000 mm) 2 pcs., side stop with scale and T-slot plus tilt stop (L= 1000 mm), blade gap adjustment, motorized rear stop 1000 mm, standard upper and lower tool, operator manual

Specifications

		KHT H 3006 NC
Plate thickness (max.)	mm	6
Working length	mm	3.080
Cutting angle	deg	0,3 - 2
Hold-down	Pieces	13
Hold-down capacity	t	16
Number of support arms	Pieces	3
Motor rating main drive	kW	11
Overall dimensions (length x width x height)	m	3,9x2,08x1,95
Weight	kg	7.000
Part No.		423250

Special Price on Request



3-Roller Roll Bender

KRM-A 10/3,0

Motorized drive with foot pedal control and safety switch

- adjustable bottom and rear roller
- standard series wire core groove
- top roller swings out with eccentric closure
- foot switch
- brake motor
- supplied with conical bending feature

Specifications KRM-A

10/3,0

Working length	mm	1.050
Plate thickness (max.)	mm	3,3
Max. plate thickness for bending	mm	3
Bending diameter (min.)	mm	130
Roll diameter	mm	90
Roller speed	m/min	6
Motor rating main drive	kW	1,1
Overall dim. (length x width x height)	m	2,1x0,8x1,13
Weight	kg	500
Part No.		131881



KRM-A 20/1,5

Special Price on Request

Standard Equipment

hardened rollers, conical bending feature



3-Roller Roll Bender

KRM 10/5,0

Modern design, user-friendly machine with asymmetrical mounted rolls

- motor driven left/right direction, operated with foot switch
- hand wheel for rear roll feed
- standard series wire core groove
- supplied with conical bending feature

Specifications KRM

10/5,0

Working length	mm	1.050
Plate thickness (max.)	mm	5,5
Max. plate thickness for bending	mm	5
Bending diameter (min.)	mm	190
Roll diameter	mm	130
Motor rating main drive	kW	2,2
Weight	kg	1.220
Part No.		131961



KRM 10/4.0 shown including optional equipment (motorized rear roll adjustment)

Special Price on Request

Standard Equipment

hardened rollers, conical bending feature

KNWP 200 HM

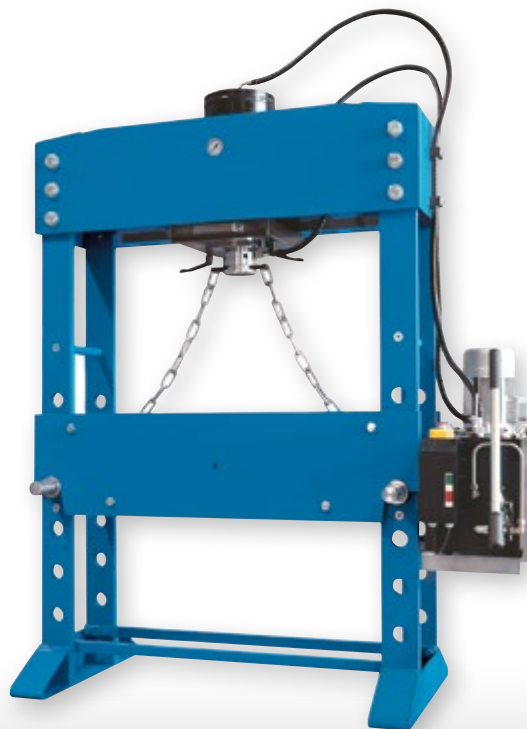
Hydraulic Shop Press with double-acting cylinder

- multiple sizes available from 66-220 tons
- ideal for repair and assembly work
- truing of axles, supports, shafts and much more
- for removal and pressfitting bearings and bushings
- 2-step hydraulic unit
- Work cylinder with smooth horizontal adjustment

Specifications

KNWP 200

Pressure force	t	200
Operating pressure (max.)	bar	243
Stroke	mm	400
Forward motion speed	mm/s	5,73
Press speed	mm/s	1,84
Return speed	mm/s	7,08
Motor rating hydraulic pump	kW	3
Hydraulic tank volume	l	64
Weight	kg	1.690
Part No.		131747



KNWP 100 HM is shown

Special Price on Request

KNWP M

Ideal for craft shops, schools and training facilities

Specifications KNWP M

30

50

	t	30	50
Pressure force	t	30	50
Operating pressure (max.)	bar	374,6	399,5
Piston travel per quick stroke	mm	3,84	2,46
Piston travel per work stroke	mm	0,47	0,3
Total piston stroke	mm	160	160
Flow rate quick stroke	l/min	31,5	31,5
Throat width	mm	565	750
Flow rate work stroke	l/min	3,8	3,8
Oil tank capacity	l	1,65	2,5
Hydraulic tank volume	l	1,65	1,65
Weight	kg	150	250
Overall dimens. (length x width x height)	m	0,83x0,64x2,05	1,1x0,76x2,12
Part No.		131741	131743



KNWP 30 M is shown

Special Price on Request

ZNC 435 L

Economical Entry-Level Electric Discharge Technology



- user-friendly CNC control assists the user in the selection of work parameters
- the machine frame design incorporates modern aspects plus many years of manufacturing experience
- X and Y axes are equipped with preloaded ball screws for low maintenance and high precision
- the dielectric system is driven by a premium pump made by a renowned European manufacturer

Specifications

ZNC 435 L

Table dimensions	mm	700x450
Electrode holder-to-table distance	mm	250 - 600
Workpiece weight (max.)	kg	700
Quill stroke	mm	250
Travel X-axis	mm	450
Travel Y-axis	mm	350
Generator power consumption	kVA	7,5
Overall dimensions (length x width x height)	m	1,5x1,6x2,1
Weight	kg	1.800
Part No.		100115

Standard Equipment

control unit, fire extinguishing system, work lamp, filter system, scale X- / Y-axis, chuck, operating tools, operator instructions

Special Price on Request

Plasma-Jet TrueCut 1530 K + Smart Focus 200

High class plasma cutting system with Kjellberg technology



- stand-alone cutter table features rigid steel construction for high load capacity
- stand-alone table eliminates thermal and mechanical influences on the plasma cutter system

- The structure of the machine and the selection of components are designed to enable multi-shift operation
- dual-drive bridge
- High-quality linear guides on all axes
- dynamic AC servo drives on all axes with maintenance-free, zero-backlash planetary gears
- low-wear and low-maintenance helical gears are designed for continuous operation
- automatic torch height control

Standard Equipment

table prepared for filter system (automatic closure control), Eckelmann Servomotors and drivers, Automatic torch height control from Eckelmann, cutting torch with magnetic coupling and crash sensor, Eckelmann CNC-Unit, 19" touchscreen by ELO, A-Modul from Beckhoff, laser pointer, Libellula.WIZARD PRO, Libellula.CAD 2D, Kjellberg Smart Focus 200

Specifications Plasma-Jet TrueCut 1530 K

Cutting Width	mm	1.500
Cutting length	mm	3.000
Table height	mm	700
Table load capacity	kg/m ²	520
Rapid feed	mm/min	18.000
Weight (without plasma source)	kg	3.100
Part No.		422331

Special Price on Request

Plasma-Jet AirPro K 1530 + Cut Fire 100

The low priced alternative with Kjellberg technology



- Compact design with guides integrated into the table frame
- Plasma cutting system for personal use providing high value at a lost cost
- Careful selection of the optimum components ensures that the same cutting functionality is available as in large plasma cutting systems
- Machine can be moved and transported in its fully assembled state
- The drives on both sides of the machine bridge and the drive of the X-slide along the machine bridge are carried out in a permanently precise manner by helical rack and pinion.
- The machine has a segment-wise suction of the working surface, whereby the respective suction flap is opened mechanically by the machine bridge passing.
- The distance between plasma cutting nozzle and plate surface is maintained by the Z axis height control; height control is regulated by an electric arc
- Plasma cutter head with collision guard

Standard Equipment

Table prepared for filter system (mechanical closure), Eckelmann Servomotors and drivers, Automatic torch height control from Eckelmann, cutting torch with magnetic coupling and crash sensor, Eckelmann CNC-Unit, 19" touchscreen by ELO, A-Modul from Beckhoff, laser pointer, Libellula.WIZARD PRO, Libellula.CAD 2D, Cut Fire 100

Specifications Plasma-Jet AirPro K 1530

Cutting Width	mm	1.550
Cutting length	mm	3.050
Table height	mm	600
Table load capacity	kg/m ²	345
Rapid feed	mm/min	15.000
Weight (without plasma source)	kg	1.700
Part No.		422330

Special Price on Request

Complete Service by KNUTH

Reliable service from a single source

We provide highly qualified technicians and engineers all over the world to ensure reliable service from one central source. And our global supplier network ensures prompt availability of replacement parts and consumables at a local level.



CONSULTATION

- Sample work pieces
- Machine demos



START-UP

- Installation / Commissioning
- On-site Instruction



TRAINING

- User Training
- Maintenance Training



PREVENTIVE MAINTENANCE

- Inspection
- Maintenance



REPAIR

- Machine Repair
- Spare Parts



MACHINE WARRANTY

- Protect Insurance

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