

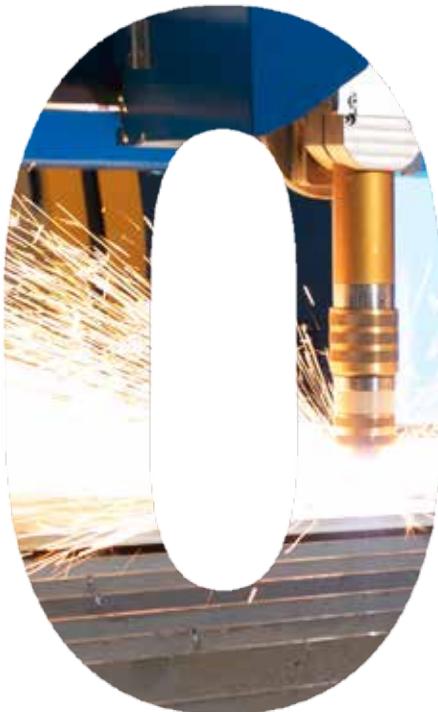


KICKSTART 2023

# BEST PRICES

FULL SERVICE SUPPLIER OF MACHINE TOOLS

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1923 - 2023

100 years of innovative  
solutions for metalworking

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NeoSpark B 500 is shown



In additive production (3D-Printing) the produced complex parts are attached to a metal plate, where the metal plate subsequently will have to be separated from the component (Neospark 500 B Continental Engineering Services)



The NeoSpark allows production of delicate contours with superior surface quality

- The NeoSpark CNC Electric Discharge Machine delivers excellent cutting performance and operating cost is extremely low
- The cast-iron machine frame features a modern C-frame with T-base, multiple reinforcing ribs, precision-machined surfaces and thermal stress-relief
- The IPC-based control system with servo drives is fine-tuned to the manufacturing process requirements and it is user-oriented and reliable
- 2-step filtration system in the dielectric tank ensures uninterrupted operation and high machining quality

## Specifications

		NeoSpark B 300	NeoSpark B 500
Workpiece, length x width x thickness (max.)	mm	960x550x300	1.190x650x400
X-axis travel	mm	400	600
Y axis travel	mm	300	400
Travel U / V-axis	mm	70 / 70	70 / 70
Generator	A	10	10
Rapid feed X / Y axis	mm/min	1.000	1.000
Part No.		180558	180559
<b>Starting at €</b>		<b>36.200</b>	<b>39.900</b>



Part No. 180558

Starting at **36.200 €**

## Standard Equipment

IPC-based control system, dielectricum 10 kg, erosion wire 0.18 mm, electronic manual control unit, generator, USB port, ethernet port, standard wire guides, dielectric tank with pump, work lamp, warning beacon, AC power stabler, leveling plates and jacks, central lubrication, operating tools, operator instructions

CNC Electric Discharge Machine

## NeoSpark B 500 AC

High-Speed Wire EDM with aluminum cutting technology



Special Price **41.900 €**



### Specifications NeoSpark B 500 AC

Workpiece, l x w x thickness (max.) mm	1.190x650x400
X-axis travel	mm 600
Y axis travel	mm 400
Travel U / V-axis	mm 70 / 70
Generator	A 10
Rapid feed X / Y axis	mm/min 1.000
Part No.	423160
<b>Special Price €</b>	<b>41.900</b>

incl. Part No. 257394

### Standard Equipment

erosion wire 0.18 mm, dielectricum 10 kg, electronic manual control unit, IPC-based control system, generator, USB port, ethernet port, standard wire guides, dielectric tank with pump, work lamp, warning beacon, AC power stabler, leveling plates and jacks, central lubrication, operating tools, Operator instructions

CNC Flat Bed Lathe

## Starchip 560 L

Productive, flexible and high capacity



### Specifications Starchip 560 L

Workpiece length (max.)	mm	1.000
Turning-Ø over bed (max.)	mm	560
Turning-Ø over support	mm	350
Travel X-axis	mm	200
Travel Z-axis	mm	1.050
Spindle speed	1/min	4.500
Spindle mount		ISO A2-6
Number of tool stations	positions	12
Main drive, continuous load	kW	11
Weight	kg	4.500
Part No.		182296
<b>Special Price €</b>	<b>69.200</b>	



### Standard Equipment

Siemens 828D control, 12-station turret, electronic hand-wheel, hydr. 3-jaw chuck Ø 250 mm, auto bar feeder interface, chip conveyor chain type, programmable tailstock, coolant system flush gun, air gun, coolant system, automatic central lubrication, heat exchanger control cabinet, work lamp, operational health status indicator, Operator instructions

Special Price **69.200 €**

CNC Inclined Bed Lathe

## Return 402 C

Powerful, productive and cost-effective

### Specifications Return 402 C

Workpiece length (max.)	mm	430
Center height	mm	200
Turning diameter over bed	mm	400
Turning diameter over support	mm	250
Speed range	1/min	50 - 2.000
Spindle mount		A2-8
Number of tool stations	positions	8
Main motor rating	kW	15 / 11
Weight	kg	3.400
Part No.		180628
<b>Special Price €</b>		<b>52.900</b>



Special Price **52.900 €**



CNC Inclined Bed Lathe

## Return 400 GT

Inclined bed lathe with linear tool changer and driven tools

### Specifications Return 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	positions	1
Main motor rating	kW	7,5 / 5,5
Weight	kg	2.500
Part No.		180632
<b>Special Price €</b>		<b>42.200</b>



Return 400 GT is shown with optional accessories

Special Price **42.200 €**



### Standard Equipment

Siemens 828 D 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, air gun, coolant system flush gun, operating tools, operator manual

CNC Cycle Lathe

## Numturn 660/2000 CNC

Flexible single-part and batch production of larger workpieces

### Specifications Numturn 660/2000 CNC

Workpiece length (max.)	mm	1.970
Turning-Ø over bed (max.)	mm	660
Turning length (max.)	mm	1.730
Speed range	1/min	60 - 2.000
Spindle mount		A2-8
Number of tool stations	positions	8
Motor rating main drive	kW	18,5
Main drive, continuous load	kW	15
Weight	kg	4.000
Part No.		423497



**SOLD OUT**

CNC Cycle Lathe

## Numturn 500/1500 CNC

Flexible single-part and batch production of larger workpieces

### Specifications Numturn 500/1500 CNC

Workpiece length (max.)	mm	1.450
Turning-Ø over bed (max.)	mm	500
Turning length (max.)	mm	1.230
Speed range	1/min	60 - 2.000
Spindle mount		A2-8
Number of tool stations	positions	8
Motor rating main drive	kW	15
Main drive, continuous load	kW	11
Weight	kg	3.300
Part No.		423496
<b>Special Price €</b>		<b>52.500</b>



**Special Price 52.500 €**

### Standard Equipment

fagor 8055i control, 2 electronic hand-wheels, 8-station servo tool post, hydr. tailstock, hydr. 3-jaw chuck Ø 250 mm, automatic central lubrication, work lamp, operating tools, operating manual and programming instructions

CNC Flat Bed Lathe

## Numturn 400 Plus

Compact CNC flatbed lathes with 6-station turret

### Specifications Numturn 400 Plus

Turning-Ø over bed (max.)	mm	400
Turning-Ø over support	mm	240
Center width	mm	1.500
Center height	mm	250
Spindle speed	1/min	30 - 2.500
Spindle mount		A2-6
Number of tool stations	positions	6
Main drive, continuous load	kW	5,5
Weight	kg	1.700
Part No.		423505
<b>Special Price €</b>		<b>34.900</b>



Special Price **34.900 €**



CNC Flat Bed Lathe

## Numturn 320 Plus

Compact CNC flatbed lathes with 6-station turret

### Specifications Numturn 320 Plus

Turning-Ø over bed (max.)	mm	320
Turning-Ø over support	mm	150
Center width	mm	1.000
Center height	mm	160
Spindle speed	1/min	150 - 2.500
Spindle mount		A2-5
Number of tool stations	positions	6
Main drive, continuous load	kW	3,7
Weight	kg	1.050
Part No.		423504
<b>Special Price €</b>		<b>23.800</b>



Special Price **23.800 €**

### Standard Equipment

Siemens 828D control, 6-station turret, hydr. 3-jaw chuck Ø 210 mm, hydr. tailstock, automatic central lubrication, closed work space, LED work lamp, coolant system, Toolbox with operating tools, operator manual

CNC Vertical Machining Center

## VECTOR 850 M

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

### Specifications Vector 850M

Table dimensions	mm	1.000x550
Table load capacity	kg	800
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
Number of tool stations	positions	24
Main drive, continuous load	kW	9
Weight	kg	4.300
Part No.		181271



**SOLD OUT**

CNC Vertical Machining Center

## X.mill 1300

For machining of large, heavy parts, with extra-wide rectangular guides

### Specifications X.mill 1300

Table dimensions	mm	1.400x710
Travel X-axis	mm	1.300
Travel Y-axis	mm	700
Travel Z-axis	mm	650
Speed range	1/min	60 - 8.000
Spindle mount		BT 50
Number of tool stations	positions	24
Motor rating main drive	kW	15
Main drive, continuous load	kW	11
Part No.		882240*
<b>Special Price €</b>		<b>60.000</b>

\* Demo model



**Special Price 60.000 €**



### Standard Equipment

GPlus 450 control, 24-station tool changer with dual-arm, electronic hand-wheel, servo drive for all axes, pneumatic tool clamping, air conditioner, work lamp, totally enclosed work space, RS-232 interface, USB interface, automatic central lubrication, operating tools, Operator instructions

Vertical CNC Machining Center

## X.mill T 1000 Si

Vertical machining centre with 24-fold tool changer, 4-axis and CTS

### Specifications X.mill T 1000 Si CNC

Table dimensions	mm	1.100x550
Table load capacity	kg	800
Travel X-axis	mm	1.000
Travel Y-axis	mm	550
Travel Z-axis	mm	550
Spindle speed	1/min	10.000
Spindle mount		BT 40
Number of tool stations	positions	24
Motor rating main drive	kW	9
Weight	kg	4.600
Part No.		423444
<b>Special Price €</b>		<b>65.800</b>



Special Price **65.800 €**



Vertical CNC Machining Center

## X.mill 400

Entry-level model for CNC milling, ideal for batch production and training purposes

### Specifications X.mill 400 (BT40)

Table dimensions	mm	600x300
Table load capacity	kg	150
Travel X-axis	mm	400
Travel Y-axis	mm	230
Travel Z-axis	mm	450
Spindle speed	1/min	8.000
Spindle mount		BT 40
Number of tool stations	positions	12
Motor rating main drive	kW	3,7
Weight	kg	2.200
Part No.		181359
<b>Special Price €</b>		<b>29.500</b>



Special Price **29.500 €**



### Standard Equipment

Siemens 808D Advance control, work lamp, automatic central lubrication, operating tools, Operator instructions, electronic hand-wheel, enclosure, coolant system, air gun, levelling pads and bolts, operational health status indicator, 12-station automatic tool changer

Universal Lathe

## Servoturn® 500 • 660

Conventional turning with the precision and dynamics of modern CNC machines



- The combination of a tried and tested machine base with the most advanced feed technology makes the change to a servo-conventional lathe even more attractive and cost-effective
- Feeds are infinitely variable via override potentiometer - finally available on a conventional lathe
- Axes are powered by high-quality servo drives that translate your hand movements with the precision and dynamics of modern CNC machines

Micro-control via electronic hand-wheels - but handling and positioning just as with a conventional machine

Specifications Servoturn®	500/1000	500/1500	500/2000	660/1500	660/2000
Center width	mm	950	1.450	1.950	1.470
Turning diameter over bed	mm	500	500	500	660
Travel X-axis	mm	250	250	250	370
Travel Z-axis	mm	880	1.380	1.880	1.420
Travel Z1-axis	mm	100	100	100	100
Spindle speed	1/min	30 - 1.600	30 - 1.600	30 - 1.600	30 - 1.600
Spindle mount		A2-8	A2-8	A2-8	A2-8
Motor rating main drive	kW	6 - 9	6 - 9	6 - 9	7,5 - 11
Overall dimensions (length x width x height)	m	3,2x1,28x1,65	3,75x1,28x1,65	4,25x1,28x1,65	3,76x1,6x1,75
Weight	kg	2.850	3.150	3.450	3.450
Part No.		300831	300832	300833	300834
<b>Starting at</b>	<b>29.500 €</b>	<b>38.200</b>	<b>40.000</b>	<b>44.700</b>	<b>45.300</b>



Part No. 300831

Starting at **29.500 €**

### Standard Equipment

3-axis position indicator X.Pos 3.2, 3-jaw chuck, work lamp, operating tools, Operator instructions, steady rest, coolant system, quick change tool holder, follow rest, electronic hand-wheels, fixed splash guard (wall), Traveling cover for the toolpost

Precision Lathe

## Sinus D

High stability with multi-plate clutch, rapid traverse and tapered turning device



Experience our  
machines in  
action!



- Removable bridge (250 mm) for machining of large parts with diameters up to 1035 mm
- Heavy and large bed
- 105 mm spindle capacity for machining of large parts
- Automatic lubrication of headstock and main drive



Rests ensure maximum precision when machining long workpieces

### Specifications

		Sinus 400/1500	Sinus 400/2000
Workpiece length (max.)	mm	1.500	2.000
Turning-Ø over support	mm	570	570
Spindle speed	1/min	(16) 25 - 1.600	(16) 25 - 1.600
Spindle mount		D1-8	D1-8
Motor rating main drive	kW	7,5	7,5
Weight	kg	3.220	3.500
Travel X-axis	mm	420	420
Travel Z1-axis	mm	230	230
Part No.		300015	300013
<b>Starting at €</b>		<b>25.900</b>	<b>29.700</b>

### Standard Equipment

Rapid feed on Z and X axes, 3-axis position indicator X.Pos 3.2, 3-jaw chuck, 4-jaw face plate chuck Ø 400 mm, Face plate Ø 500 mm, Dog plate, quick tool changer head WD, Quick change tool holder WD1D 40180, Fixed splash guard (wall), Coolant system, Steady and follow rests, Taper turning unit, Chuck guard, Work light, Reducing sleeve, Dead center, Toolbox with operating tools, Operator instructions

Part No. 300015

Starting at **25.900 €**



Mechanics Lathe

## Basic 170 Super

Solid precision bench lathe with large center width

- Demonstration machine with small traces of use

### Specifications Basic 170 Super

Center width	mm	1.000
Turning-Ø over support	mm	198
Spindle speed	1/min	(8) 70 - 2.000
Spindle mount		Camlock D1-4
Motor rating main drive	kW	1,5
Weight	kg	520
Part No.		800817*

\* Demo Machine

**SOLD OUT**



### Standard Equipment

3-axis position indicator X.Pos 3.2, 3-jaw chuck Ø 160 mm, 4-jaw face plate chuck Ø 200 mm, face plate Ø 280 mm, quick change tool holder head WE, quick change tool holder WED 20100, steady and follow rests, fixed splash guard (wall), chuck guard, foot brake pedal, thread gauge, Micrometer stop, Work light, dead center, chip tray, Protective shield for the toolpost, reducing sleeve, Toolbox with operating tools, Operator instructions

Mechanics Lathe

## Basic 170 Super

Solid precision bench lathe with large center width

- Demo machine with some paint and transportation damage and signs of use

### Specifications Basic 170 Super

Center width	mm	1.000
Turning-Ø over support	mm	198
Spindle speed	1/min	(8) 70 - 2.000
Spindle mount		Camlock D1-4
Motor rating main drive	kW	1,5
Weight	kg	520
Part No.		800816*
<b>Special Price €</b>		<b>6.800</b>

\* Demo Machine



### Standard Equipment

3-axis position indicator X.Pos 3.2, 3-jaw chuck Ø 160 mm, 4-jaw face plate chuck Ø 200 mm, face plate Ø 280 mm, quick change tool holder head WE, quick change tool holder WED 20100, steady and follow rests, fixed splash guard (wall), chuck guard, foot brake pedal, thread gauge, Micrometer stop, Work light, dead center, chip tray, Protective shield for the toolpost, reducing sleeve, Toolbox with operating tools, Operator instructions



**Special Price 6.800 €**

Mechanics Lathe

## LS 900

Compact precision lathe, fully equipped

- The spindle speed is controlled electronically on 2 gear levels and shown on an easy-to-read display

### Specifications

	LS 900	
Center width	mm	900
Center height	mm	160
In-gap diameter over bed	mm	320
Spindle speed	1/min	(2) 75 - 2.250
Motor rating main drive	kW	1,5
Overall dimensions (l x w x h	m	1,6x0,75x0,7
Weight	kg	350
Part No.		470561*



**SOLD OUT**

### Standard Equipment

3-jaw chuck Ø 160 mm, 4-jaw chuck, face plate chuck, reducing sleeve, dead center, fixed splash guard (wall), quick change tool holder (4 pcs), base, chip tray, change gears, steady and follow rests, chuck guard, leadscrew cover, Protective shield for the toolpost, operating tools, Operator instructions

Multipurpose Milling Machine

## Servomill® UFM 8 V

Cost-effective machining and intuitive control = servo-conventional

- Demonstration machine with small traces of use

### Specifications Servomill® UFM 8 V

Table dimensions	mm	1.600x320
Travel X-axis	mm	1.300
Travel Y-axis	mm	290
Travel Z-axis	mm	450
Spindle speed (vertical)	1/min	80-650 / 650-5000
Spindle mount (vertical)		SK 40 / DIN 2080
Spindle speed (horizontal)	1/min	60-360 / 360-1800
Spindle mount (horizontal)		SK 50 / DIN 2080
Motor rating horizontal spindle	kW	7,5
Motor rating vertical spindle	kW	5,5
Weight	kg	2.400
Part No.		801255*
<b>Special Price €</b>		<b>34.300</b>

\* Demo Machine

**Special Price 34.300 €**



### Standard Equipment

3-axis position indicator X.Pos 3.2, electronic hand-wheels, pneumatic tool clamping, coolant system, work lamp, chip tray, draw bar, long arbour 27mm, long cutter arbor Ø 32 mm, operating tools, Operator instructions

Universal Milling Machine

## Servomill® UWF

Servo-conventional drive technology - rigidity, flexibility and large workspace



Universal swivel head swings easily to a horizontal position

- Rigid, torsion-proof construction with dovetail guide on X-axis, and wide square guides on Y and Z
- Large work table and long travels on all axes
- All guides are hardened, ground, and supplied with oil by a central lubrication unit
- Infinitely variable feed speeds and rapid feeds can be synchronized to spindle speed by the push of a button

Specifications Servomill®	UWF 10	UWF 12	UWF 15
Table dimensions	mm 1.235x460	mm 1.600x500	mm 2.000x500
Travel X-axis	mm 900	mm 1.200	mm 1.400
Travel Y-axis	mm 650	mm 700	mm 700
Travel Z-axis	mm 450	mm 500	mm 500
Speed range (2)	1/min 30-390 / 390-2050	1/min 30-390 / 390-2050	1/min 30-390 / 390-2050
Spindle mount	SK 40 / DIN 2080	SK 50 / DIN 2080	SK 50 / DIN 2080
Motor rating main drive	kW 7,5	11	11
Weight	kg 4.000	kg 4.500	kg 5.000
Part No.	301256	301257	301258
<b>Starting at €</b>	<b>46.200</b>	<b>50.900</b>	<b>55.000</b>



### Standard Equipment

3-axis position indicator X.Pos 3.2, collet chuck with collets (4,5,6,8,10,12,14,16 mm diam.), electronic hand-wheels, LED work lamp, central lubrication, coolant system, operating tools, operator manual

Part No. 301256

 Starting at **46.200 €**

Universal Milling Machine

## Servomill® UWF 5

Servo-Conventional Knee-and-Column Milling with Universal Swivel Head

- Demonstration machine with traces of use, without speed indicator

### Specifications Servomill® UWF 5

Table dimensions	mm	1.600x320
Travel X-axis	mm	1.300
Travel Y-axis	mm	290
Travel Z-axis	mm	450
Speed range (2)	1/min	60-360 / 360-1800
Spindle mount		ISO 50
Spindle mount (horizontal)		SK 50
Motor rating main drive	kW	7,5
Weight	kg	2.800
Part No.		801254*
<b>Special Price €</b>		<b>26.200</b>

\* Demo Machine

**Special Price 26.200 €**



### Standard Equipment

3-axis position indicator X.Pos 3.2, electronic hand-wheels, reducing sleeve (ISO 50 / MK4), milling arbors (27, 32 mm), ISO 50 collet chucks incl. collets up to 16 mm (8 pieces), coolant system, work lamp, chip tray, draw bar, operating tools, Operator instructions

Universal Milling Machine

## Servomill® UWF 5

Servo-Conventional Knee-and-Column Milling with Universal Swivel Head

- This machine features a user-friendly design, significantly higher precision and increased machining capacity

### Specifications Servomill® UWF 5

Table dimensions	mm	1.600x320
Travel X-axis	mm	1.300
Travel Y-axis	mm	290
Travel Z-axis	mm	450
Speed range (2)	1/min	60-360 / 360-1800
Spindle mount		ISO 50
Motor rating main drive	kW	7,5
Weight	kg	2.800
Part No.		301254
<b>Special Price €</b>		<b>39.500</b>



### Standard Equipment

3-axis position indicator X.Pos 3.2, electronic hand-wheels, reducing sleeve (ISO 50 / MK4), milling arbors (27, 32 mm), 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 39.500 €**



Servo-Conventional Multipurpose Milling Machine

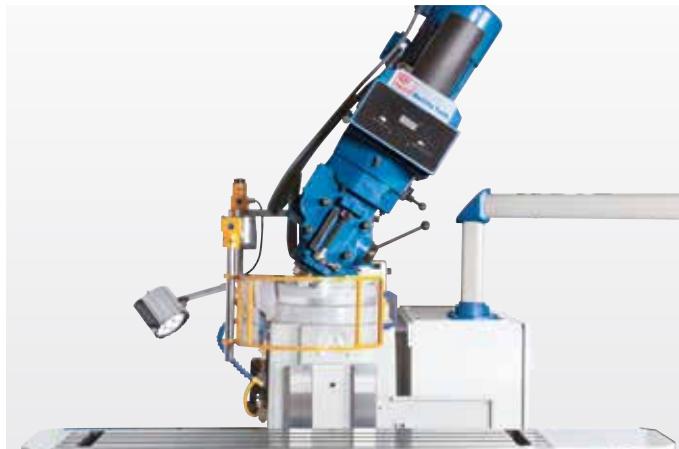
## Servomill® 700

The bestseller in the servo-conventional class for workshop applications and single parts production

- The Servomill represents a new generation of advanced milling machines that are operated like a conventional machine
- Rigid machine base in a proven design, and meticulous workmanship
- Variability via swiveling and moving top beam
- Perfectly adjustable dovetail guide on the X-axis, and wide square guides in Y and Z direction



- Advanced feed technology
- Infinitely variable servo-motors
- Electronic hand-wheels
- Electronic fixed stops



Cutter head swivels

**Special Price** **32.800 €**



### Specifications Servomill® 700

Table set up area	mm	1.370x300
Travel X-axis	mm	680
Travel Y-axis	mm	365
Travel Z-axis	mm	370
Speed range (infinitely variable, back gear ranges)	1/min	50 - 4.000
Spindle mount		ISO 40
Rapid feed X-axis	mm/min	5.000
Rapid feed Y-axis	mm/min	3.000
Rapid feed Z-axis	mm/min	2.000
Motor rating main drive	kW	3,7
Weight	kg	1.800
Part No.		301250
<b>Special Price</b>		<b>32.800</b>

### Standard Equipment

3-axis position indicator X.Pos 3.2, electronic hand-wheels, pneumatic tool clamping, chip tray, LED work lamp, coolant system, central lubrication, horizontal guideway cover, operating tools, Operator instructions

Tool Milling Machine

## FPK 6.2

High-quality tool milling machine with extensive accessories

### Specifications

	FPK 6.2	
Table dimensions	mm	500x950
Travel X-axis	mm	600
Travel Y-axis	mm	500
Travel Z-axis	mm	400
Rapid feed X-axis	mm/min	600
Speed range	1/min	(18) 90 - 3.200
Spindle mount		ISO 40
Motor rating main drive	kW	3,75
Weight	kg	1.450
Part No.		302339
<b>Special Price €</b>	<b>33.900</b>	



Special Price

**33.900 €**



Tool Milling Machine

## FPK 5

Proven construction for manufacturing, repair and training

- Demo machine with traces of use and slight visual defects

### Specifications

	FPK 5	
Table dimensions	mm	460x800
Travel X-axis	mm	500
Travel Y-axis	mm	400
Travel Z-axis	mm	400
Spindle mount		ISO 40
Motor rating main drive	kW	3,75 / 4,4
Weight	kg	1.415
Part No.		802336*
<b>Special Price €</b>	<b>19.400</b>	

\* Demo Machine



Special Price

**19.400 €**



### Standard Equipment

3-axis position indicator X.Pos Plus, coolant system, fixed-angle table, outer arbor support for horizontal milling, LED work lamp, chip tray, splatter guard, central lubrication, operating tools, Operator instructions

Tool Milling Machine

## FPK 4.3

The modern generation of high-quality tool milling machines

- Modern feed technology with servo motors and ball screws make the machine even more powerful and precise

### Specifications

	FPK 4.3
Table dimensions	mm 400x800
Travel X-axis	mm 500
Travel Y-axis	mm 400
Travel Z-axis	mm 400
Speed range	1/min (2) 40 - 2.000
Spindle mount	ISO 40
Motor rating main drive	kW 3,2
Weight	kg 1.550
Part No.	302340
<b>Special Price €</b>	<b>32.800</b>

**Special Price 32.800 €**



### Standard Equipment

electronic hand-wheels, 3-axis position indicator X.Pos 3.2, central lubrication, reducing sleeves MT1, MT2, MT3, collet chuck with collets, horizontal milling arbor 16mm, horizontal milling arbor 22mm, cutter arbor, long, 27 mm, horizontal milling arbor 32mm, Counterholder for horizontal milling, chip tray, coolant system, work lamp, pull rod (M16) for horizontal / vertical spindle, levelling pads and bolts, operating tools, operator manual

Multipurpose Milling Machine

## MF 1 P

Perfect for workshop and training applications

- Head swivels on 3 axes:swivel  $r + l \pm 90^\circ$ ; tilt forward + reverse  $\pm 45^\circ$ ; rotation on the column  $\pm 45^\circ$

### Specifications

	MF 1 P
Table set up area	mm 1.060x230
Travel X-axis	mm 670
Travel Y-axis	mm 290
Travel Z-axis	mm 370
Spindle speeds	1/min (16) 80 - 4.500
Spindle mount	ISO 30
Motor rating main drive	kW 2,2
Weight	kg 1.100
Part No.	301219
<b>Special Price €</b>	<b>8.400</b>

**Special Price 8.400 €**



### Standard Equipment

3-axis position indicator X.Pos 3.2, pneumatic tool clamping, coolant system, central lubrication, vertical guideway cover, LED work lamp, operating tools, operator manual

Drill Press/Milling Machine

## MARK I G

Compact milling machine with extensive equipment

### Specifications

	MARK I G	
Table dimensions	mm	840x210
Travel Y-axis	mm	220
Travel X-axis	mm	540
Travel Z-axis	mm	340
Drilling capacity	mm	30
Speed range	1/min	(2) 50 - 2.250
Spindle mount		MK 3
Weight	kg	220
Part No.		470542*

\* Sample product

**SOLD OUT**



### Standard Equipment

3-axis position indicator X.Pos 3.2, draw bar, digital boring depth indicator, Push-in pin MK3 / B16, operating tools, Operator instructions

Radial Drill Press

## R 60 VT

The first servo-conventional radial drill press

- Electronically controlled servo quill feed with large touchscreen display

### Specifications

	R 60 VT	
Drilling capacity	mm	60
Drilling capacity, cast iron	mm	70
Spindle nose-to-table surface distance	mm	350 - 1.250
Speed range	1/min	(2) 38 - 2.000
Spindle mount		MT 5
Motor rating main drive	kW	4
Overall dimensions (l x w x h)	m	2,49x1,05x2,78
Weight	kg	3.800
Part No.		101656
<b>Special Price €</b>	<b>23.700</b>	



**Special Price 23.700 €**

### Standard Equipment

Touchscreen control panel, Height adjustable spindle cover, Servo motor for quill feed, Manual central lubrication, Accessory set for drilling, coolant system, cube table, Work light, Operator instructions

Radial Drill Press

## R 40 V

Perfect in every detail, powerful, rigid and easy to handle

- Major design features include a large column and a highly torsion-resistant boom

### Specifications

	R 40 V	
Drilling capacity	mm	40
Machine table dimensions	mm	2.050x920x180
Spindle nose-to-table surface distance	mm	300 - 1.200
Speed range	1/min	54 - 2.150
Spindle mount		MK 4
Motor rating main drive	kW	2,2
Overall dimensions (l x w x h)	m	2,07x0,85x2,43
Weight	kg	2.300
Part No.		101557
<b>Special Price €</b>	<b>17.400</b>	


 Special Price **17.400 €**


Box-Column Drill Press

## KSB 40B • 63B

Superior rigidity for drilling, reaming and thread-cutting tasks

### Specifications

		KSB 40B	KSB 63B
Drilling capacity	mm	40	63
Throat	mm	335	375
Quill stroke	mm	250	250
Spindle nose-to-table surface distance	mm	650	860
Table set up area	mm	480x560	650x550
Spindle mount		MK 4	MK 5
Spindle speed	1/min	(12) 31,5 - 1.400	(9) 40 - 570
Motor rating main drive	kW	3	5,5
Overall dimensions (l x w x h)	m	1,04x0,91x2,53	0,97x1,45x2,79
Weight	kg	1.250	2.500
Part No.		101693	101695
<b>Starting at €</b>	<b>9.380</b>		<b>17.500</b>



### Standard Equipment

coolant system, Thread cutting function, LED work lamp, operating tools, Operator instructions


 Part No. 101693  
**Starting at 9.380 €**

KSB 63 B is shown

Column Drill Press  
**SSB 60 F Super VT**  
 Servo-conventional column drill press

**Specifications SSB 60 F Super VT**

Drilling capacity	mm	60
Table set up area	mm	600x500
Quill stroke	mm	250
Spindle nose-to-foot distance	mm	1.123
Spindle nose-to-table surface distance	mm	590
Speed range	1/min	50 - 316, 316 - 2000
Spindle mount		MK 5
Motor rating main drive	kW	4
Overall dimensions (l x w x h)	m	1,04x0,6x2,27
Weight	kg	950
Part No.		101672
<b>Special Price €</b>		<b>12.500 €</b>

Electronically controlled servo quill feed with large touchscreen display



**Special Price 12.500 €**



Column Drill Press  
**SSB 50 F Super VT**  
 Large drilling capacity and easy handling

- Modern operating concept with rugged touchscreen display

**Specifications SSB 50 F Super VT**

Drilling capacity	mm	50
Table set up area	mm	580x460
Quill stroke	mm	200
Spindle nose-to-table surface distance	mm	590
Spindle nose-to-foot distance	mm	1.175
Speed range	1/min	50 - 2.200
Spindle mount		MK 4
Motor rating main drive	kW	2,2
Overall dimensions (l x w x h)	m	1,15x0,68x2,36
Weight	kg	650
Part No.		101673
<b>Special Price €</b>		<b>9.500 €</b>



**Special Price 9.500 €**

**Standard Equipment**

Touchscreen control panel, Thread cutting function, Protective shield, LED work lamp, coolant system, operating tools, operator manual

Column Drill Press

## SSB 40 F Super

With automatic feed, motorised table adjustment and infinitely variable speed

- Demonstration machine with touchscreen control panel, with slight signs of use

### Specifications SSB 40 F Super

Drilling capacity	mm	40
Table set up area	mm	540x440
Quill stroke	mm	190
Spindle nose-to-table surface distance	mm	665
Spindle nose-to-foot distance	mm	1.195
Speed range	1/min	60 - 2.600
Spindle mount		MK 4
Motor rating main drive	kW	2
Overall dimensions (l x w x h)	m	0,89x0,65x2,23
Weight	kg	565
Part No.		470576
<b>Special Price €</b>		<b>7.390</b>



Special Price

**7.390 €**



Column Drill Press

## SSB 40 F Super

With automatic feed, motorised table adjustment and infinitely variable speed

- New machine with slight optical defects (discolouration on the column)

### Specifications SSB 40 F Super

Drilling capacity	mm	40
Table set up area	mm	540x440
Quill stroke	mm	190
Spindle nose-to-table surface distance	mm	665
Spindle nose-to-foot distance	mm	1.195
Speed range	1/min	60 - 2.600
Spindle mount		MK 4
Motor rating main drive	kW	2
Overall dimensions (l x w x h)	m	1x0,65x2,22
Weight	kg	500
Part No.		862335*
<b>Special Price €</b>		<b>6.990</b>

\* New machine with light cosmetic defects



Special Price

**6.990 €**

### Standard Equipment

Thread cutting function, Protective shield, LED work lamp, coolant system, operating tools, operator manual

Column Drill Press

## SSB 40 Xn

Universal drilling machine with gearbox for feed and spindle speed

### Specifications

SSB 40 Xn		
Drilling capacity	mm	40
Table set up area	mm	540x440
Quill stroke	mm	190
Spindle nose-to-table surface distance	mm	610
Table load capacity	kg	150
Spindle mount		MK 4
Spindle speed	1/min	(12) 75 - 2.020
Quill feeds	mm/R	0,12; 0,24; 0,4
Motor rating main drive	kW	1,5
Overall dimensions (l x w x h)	m	0,95x0,61x2,23
Weight	kg	550
Part No.		862339*
<b>Special Price €</b>		<b>5.190</b>

\* Demo Machine

Special Price

**5.190 €**



- Demonstration machine with small traces of use

### Standard Equipment

Thread cutting function, Protective shield, LED work lamp, coolant system, operating tools, operator manual

Bench Drill Press

## TSB 35

Bench drill with gearbox for feed and spindle speed

### Specifications

TSB 35		
Drilling capacity	mm	35
Tapping capacity, steel	M	22
Foot set up area (length x width)	mm	370x360
Spindle nose-to-foot distance	mm	645
Spindle speed	1/min	(12) 125 - 3.030
Spindle mount	MT	4
Quill stroke	mm	155
Motor rating main drive	kW	1,2
Overall dimensions (l x w x h)	m	0,81x0,5x1,67
Weight	kg	340
Part No.		162345
<b>Special Price €</b>		<b>4.850</b>

TSB 35 is shown with digital rpm display



Special Price

**4.850 €**



### Standard Equipment

base, Protective shield, Thread cutting function, LED work lamp, coolant system, drill chuck, operating tools, Operator instructions

Fully Automatic Band Saw

## ABS 600 TNC

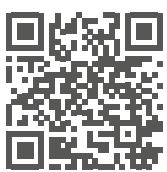
Advanced technology for high cutting capacity and increased productivity

- PLC control
- Cut angle 0°, 15°, 30° and 45°
- Large touchscreen display

### Specifications ABS 600 TNC

Cutting speed	m/min	0 - 100
Cutting capacity 0° (round)	mm	600
Cutting capacity 0° (square)	mm	600
Cutting capacity 0° (flat)	mm	850x600
Motor rating main drive	kW	5,5
Overall dimensions (l x w x h)	m	3,11x3,38x2,35
Weight	kg	3.945
Part No.		152825
<b>Special Price €</b>		<b>29.200</b>

Special Price **29.200 €**



### Standard Equipment

chip brush, hydraulic vice, bimetallic band saw blade, touch screen monitor, work lamp, chip conveyor, coolant system, material support, operating tools, operator manual, NC control for automatic band saws

Fully Automatic Band Saw

## ABS 460 TNC

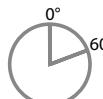
Advanced technology for high cutting capacity and increased productivity

- PLC control
- Cut angle 0°, 30°, 45° and 60°
- Large touchscreen display

### Specifications ABS 460 TNC

Cutting capacity 0° (round)	mm	460
Cutting capacity 0° (square)	mm	350
Cutting capacity 0° (flat)	mm	650x350
Motor rating main drive	kW	5,5
Overall dimensions (l x w x h)	m	3,23x2,72x1,77
Weight	kg	2.430
Part No.		152824
<b>Special Price €</b>		<b>21.300</b>

Special Price **21.300 €**



### Standard Equipment

hydraulic vice, hydraulic feed vice, bimetallic band saw blade, touch screen monitor, coolant system, chip brush, operating tools, operator manual, NC control for automatic band saws

Fully Automatic Band Saw

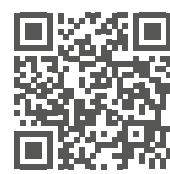
## ABS 350 C

Cost-effective fully automated band saw with adjustable cutting angle

### Specifications

	ABS 350 C
Cutting capacity 0° (round)	mm 350
Cutting capacity 30° (round)	mm 320
Cutting capacity 30° (flat)	mm 400x350
Cutting capacity 30° (square)	mm 320
Cutting capacity 45° (round)	mm 320
Cutting capacity 45° (flat)	mm 290x300
Cutting capacity 45° (square)	mm 290
Cutting speed	m/min 20 - 100
Motor rating main drive	kW 2,2
Blade dimensions	mm 4.160x34x1,1
Weight	kg 1.050
Part No.	152758
<b>Special Price €</b>	<b>16.300</b>

Special Price **16.300 €**



Horizontal Band Saws

## HB 280 B

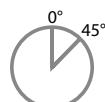
Highly reliable Horizontal Band Saws with easy miter adjustment

- Infinitely variable hydraulic saw advance ensures optimum cutting results and minimized tool wear

### Specifications

	HB 280 B
Cutting capacity 0° (round)	mm 280
Cutting capacity 0° (square)	mm 280
Cutting capacity 0° (flat)	mm 350x200
Cutting speed infinitely variable	m/min 20 - 100
Motor rating main drive	kW 1,5
Blade dimensions	mm 3.400x27x0,9
Weight	kg 530
Part No.	152797
<b>Special Price €</b>	<b>7.690</b>

Special Price **7.690 €**



### Standard Equipment

part clamping, coolant system, linear stop, operator manual

Semi-Automatic Band Saw  
**HB 380L • HB 560 L**  
 Exact sawing of large and very large workpieces



HB 380 L is shown

- Every model of this series provides infinitely variable cutting speeds from 20 to 100 m/min
- Hydraulic workpiece clamping is now standard equipment on all models
- Saw blade tension can be precisely adjusted via a pressure gauge

- **With linear guide technology!**
- Advanced hydraulic saw frame feed with new pressure regulating system (PAS) allows optimum adjustment for every sawing task: infinitely variable feed speed and cutting power control provide a wide spectrum of machining possibilities with just one saw blade type

#### Specifications

		<b>HB 380 L</b>	<b>HB 560 L</b>
Cutting capacity 0° (round)	mm	380	560
Cutting capacity 0° (square)	mm	380	560
Cutting capacity 0° (flat)	mm	520x380	750x550
Cutting capacity 45° (round)	mm	300	410
Cutting capacity 45° (square)	mm	300	410
Cutting capacity 45° (flat)	mm	300x380	410x550
Cutting speed	m/min	20 - 100	20 - 100
Motor rating main drive	kW	3	4
Blade dimensions	mm	4.800x34x1,1	6.000x41x1,3
Weight	kg	1.150	1.750
Part No.		152802	152811
<b>Starting at</b>		<b>17.900 €</b>	<b>24.800 €</b>



Part No. 152802

Starting at **17.900 €**

#### Standard Equipment

bimetallic band saw blade, mechanical saw blade tensioning with hydraulic pressure gauge, hydraulic part clamping, automatic stroke height adjustment, feed roller table 1 m, PAS system, coolant system, Operator instructions

Horizontal Band Saw

## HB 280 T • HB 400 T

High-performance workshop band saw with hydraulic machine vise

- Hydraulic workpiece clamping
- Dual-column construction



HB 400 T is shown



HB 280 T is shown

- The torsion-resistant dual-column construction and rigid, heavy cast-iron frame ensure minimal vibration
- Hydraulically controlled saw frame feed
- At the end of the cutting cycle, the machine automatically shuts off and the saw blade returns to its adjustable home position
- Coolant system and material support base are part of the standard equipment

### Specifications

		HB 280 T	HB 400 T
Cutting speed	m/min	27, 45, 69	36, 56
Cutting capacity 0° (round)	mm	280	400
Cutting capacity 0° (square)	mm	280	400
Cutting capacity 0° (flat)	mm	280x280	400x400
Main motor rating	kW	3	3/4
Blade dimensions	mm	3.505x27x0,9	5.000x41x1,3
Weight	kg	695	1.325
Part No.		152826	152821
<b>Starting at</b>		<b>5.590</b>	<b>11.400</b>



Part No. 152826

Starting at

**5.590 €**

### Standard Equipment

bimetallic band saw blade, support with roller, coolant system, work lamp, operating tools, Operator instructions

Horizontal Workshop Band Saw

## HB 150 • HB 210 A

Practical workshop saw for miter cuts

### Specifications

		HB 150	HB 210 A
Cutting capacity 0° (round)	mm	150	170
Cutting capacity 0° (flat)	mm	120x200	140x200
Cutting capacity 45° (flat)	mm	90x130	95x130
Cutting capacity 45° (round)	mm	120	125
Belt speed	m/min	40 / 80	40 / 80
Main motor rating	kW	0,6/0,85	0,75
Overall dimensions (l x w x h)	m	1,16x0,71x0,79	1,3x0,58x0,88
Weight	kg	135	152
Part No.		152822	152850
<b>Starting at €</b>		<b>1.390</b>	<b>1.790</b>



HB 210 A

Part No. 152822

Starting at

**1.390 €**



Miter Band Saw

## B 200 S

Band Saws - an economic alternative to frame and circular saws

- Saw frame swivels - allowing angular cuts to 45°
- A hydraulic cylinder controls the support pressure infinitely from 0 to maximum pressure
- Spare part included, not assembled

### Specifications

		B 200 S
Cutting capacity 90° - round	mm	205
Cutting capacity 90° - square	mm	205
Cutting capacity 90° - flat	mm	205x215
Cutting capacity 45° (round) L	mm	135
Cutting capacity 45° (square) L	mm	115
Cutting capacity 45° (flat) L	mm	205x115
Motor rating main drive	kW	1,1
Blade dimensions	mm	2.360x20x0,9
Weight	kg	190
Part No.		702752*

\* Transportation Damages



**SOLD OUT**

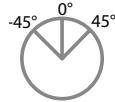
### Standard Equipment

coolant system, quick-action vise, mobile base, saw-band, Operator instructions

- Easy operation, rugged design, and precise angular cuts make this circular cold saw a "must-have" basic for any workshop
- The entire series is ideally suited for cutting solid materials, tubes, and sections of steel, iron, and light metals
- The operator guides the cut via a hand-lever, where the ON/OFF switch is integrated ergonomically into the hand grip
- The miter can be adjusted up to +/- 45 degrees by rotating the gear head
- The selected angle adjustment is fixated via a central clamping lever that is integrated into the machine frame



Dual vise  
(KKS 315 / 350 T)



### Specifications

		KKS 250 T	KKS 275 T	KKS 315 T
Cutting capacity 0° (round)	mm	60	70	100
Cutting capacity 0° (square)	mm	55	65	100
Cutting capacity 0° (flat)	mm	75x45	90x45	140x90
Cutting capacity 45° (round) L	mm	55	65	90
Cutting capacity 45° (square) L	mm	50	60	90
Cutting capacity 45° (flat) L	mm	55x45	70x45	100x90
Cutting capacity 45° (round) R	mm	55	65	90
Cutting capacity 45° (square) R	mm	50	60	90
Cutting capacity 45° (flat) R	mm	55x45	70x45	100x90
Main motor rating	kW	1,1	1,1	0,75 / 1,3
Weight	kg	143	148	227
Part No.		102119	102118	102120
<b>Starting at €</b>		<b>1.390</b>	<b>1.490</b>	<b>1.890</b>



Part No. 102119

Starting at

**1.390 €**

### Standard Equipment

quick-action vise, base, coolant system, 1 saw blade, linear stop

Vertical Band Saw

## VB 500 A

Integrated band saw blade welder for inside and outside contours

- The support table swivels to the right and left for angled cuts
- The saw blade speed is controlled electronically and shown on a large digital display

### Specifications

	VB 500 A	
Table dimensions	mm	700x660x980
Table with angle adjustment (l/r)	deg	15/30
Cutting capacity height x throat	mm	310x500
Cutting speed	m/min	329
Motor rating main drive	kW	1,5
Overall dimensions (l x w x h)	m	1,25x1,04x1,98
Weight	kg	410
Part No.		102642
<b>Special Price €</b>		<b>5.410</b>



VB 300A

Special Price

**5.410 €**



Conventional Cylindrical Grinding Machine

## RSM 2000 C

High-Precision Cylindrical Grinding Machine for Inside and Outside Machining

### Specifications RSM

	2000 C	
Center height	mm	180
Grinding diameter	mm	15 - 320
Grinding length	mm	2.000
Workpiece weight between centers (max.)	kg	150
Tailstock taper	MT	4
Grinding wheel dimensions	mm	500x50x203
Weight	kg	6.600
Grindstone dimens., inside grinding (max.)	mm	50x25x13
Grindstone dimens., inside grinding (min.)	mm	17x20x6
Part No.		302447
<b>Special Price €</b>		<b>62.900</b>



RSM 1000 C

Special Price

**62.900 €**



### Standard Equipment

2-Achs-Positionsanzeige X.Pos 3.2, 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

Cylindrical Grinding Machines

## RSM 800

For outside and inside grinding of cylindrical and conical parts

### Specifications

	<b>RSM 800</b>
Center height	mm 135
Workpiece length (max.)	mm 950
Grinding length	mm 800
Grinding diameter	mm 8 - 200
Workpiece weight between centers (max.)	kg 50
Tailstock taper	MT 4
Grinding wheel dimensions	mm 400x50x203
Weight	kg 3.000
Grindstone dimens., inside grinding (max.)	mm 50x25x13
Grindstone dimens., inside grinding (min.)	mm 17x20x6
Part No.	370150
<b>Special Price €</b>	<b>25.900</b>

Special Price **25.900 €**



### Standard Equipment

2-Achs-Positionsanzeige X.Pos 3.2, internal grinding equipment, 3-jaw chuck Ø 200 mm, chuck flange, balancing station, balancing mandrel, dress equipment, center point, grinding wheel flange, coolant system, open rest, closed rest, drivers, work lamp, operating tools, Operator instructions

Surface Grinding Machine

## HFS 50100 F NC

Easy programming of grinding precision for large and heavy workpieces

### Specifications HFS 50100 F NC

Table dimensions	mm	500x1.000
Spindle center-to-table distance	mm	600
Table load capacity (max.)	kg	700
Travel X-axis	mm	1.000
Travel Y-axis	mm	500
Hydr. feed X-axis	m/min	5 - 25
Grinding wheels dimensions	mm	355x40x127
Speed	1/min	1.450
Motor rating main drive	kW	7,5
Weight	kg	5.500
Part No.		124934
<b>Special Price €</b>		<b>54.800</b>

Special Price **54.800 €**



Fig. incl. optional accessories

### Standard Equipment

2-Achs-Positionsanzeige X.Pos 3.2, Electronic Handwheel for Y Z Axis, grinding wheel flange, workspace enclosure, coolant system, diamond dresser stand (without diamond), balancing station, balancing shaft, LED work lamp, magnetic clamping plate, adjustment screws, operating tools, operator manual, Siemens PLC-control with Touchscreen, grinding wheel, automatic central lubrication



- Dual guides for linear table motion
- Servo drives on Y- and Z-axis and hydraulic linear table movement can be adjusted via an infinitely variable electronic proportional valve for precise and consistent feed
- 3-step electronic hand-wheel allows for precise positioning of the Y- and Z-axis
- External hydraulic unit and large oil cooler ensures thermal stability

- Intuitive dialog-guided programming for automatic and semi-automatic sanding and dressing of grinding wheels, optimized for surface grinding
- Easy adjustment of important parameters and feed rate during machining
- Dressing mode for grinding wheel with automatic dimension and speed compensation ensures constant grinding speed and can be added automatically while in auto mode

### Specifications

		<b>HFS 52 NC</b>	<b>HFS 73 NC</b>	<b>HFS 104 NC</b>
Grinding area (max.)	mm	520x200	720x300	1.020x400
Workpiece weights incl. magnetic clamping plate (max.)	kg	210	400	680
Spindle axis-to-table surface distance	mm	470	640	640
Travel X-axis	mm	560	800	1.120
Travel Z-axis	mm	230	330	430
Spindle speed	1/min	500 - 3.500	500 - 2.300	500 - 2.300
Motor rating main drive	kW	3,7	3,7	5,5
Motor rating hydraulic pump	kW	1,5	1,5	2,2
Grinding wheel dimensions	mm	255x50,8x25	400x127x40	400x127x40
Part No.		122415	122420	122425
<b>Starting at</b>	<b>€</b>	<b>44.700</b>	<b>49.900</b>	<b>57.500</b>

Part No. 122415

 Starting at **44.700 €**


### Standard Equipment

magnetic clamping plate, coolant system with magnetic separator, central lubrication, hydraulic oil cooler, grinding wheel flange, diamond dresser with holder, balancing station, setup feet, tool box, operator manual

Belt Sander/Edge Beveling Machine

## BKS 250

Practical combination for belt sanding and edge beveling

- Large support table for workpieces
- Can be used for rounding, deburring and chamfering
- For 15° - 45° bevels

### Specifications

### BKS 250

Belt speed	m/s	14,5
Belt dimensions	mm	150x1.220
Motor rating main drive	kW	1,1
Overall dimensions (l x w x h)	m	0,85x0,63x1,14
Weight	kg	118
Part No.		802885*

\* Discontinued Product

**SOLD OUT**



### Standard Equipment

base, dust suction connector, stops, sanding belt, grinding wheel

Dual pedestal grinder

## DSB D

Rigid Dual Pedestal Grinders for industrial and commercial operations

- 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

### Specifications DSB

### 250 D    300 D

Speed	1/min	2.950	1.450
Motor rating main drive	kW	0,9	2,2
Grinding wheel dimensions	mm	250x32x30	300x50x75
Weight	kg	32	84
Part No.		112152	112150
Starting at €		299	749



DSB 300 D is shown

Starting at

Part No. 112152

**299** €



### Standard Equipment

base, safety observation shield, 2 universal corundum wheels



Drill bit grinding machine

## KSM 13

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



Part No. 112820  
Starting at **290 €**

### Specifications

### KSM 13    KSM 13 S

Grinding diameter	mm	4 - 13	4 - 13
Grinding wheel material		CBN	CBN
Motor rating main drive	kW	0,18	0,18
Overall dimensions (l x w x h)	m	0,4x0,22x0,29	0,4x0,22x0,29
Weight	kg	22	22
Supply voltage	V	220	220
Part No.		112820	112825
Starting at €		<b>290</b>	<b>450</b>



End mill grinder

## FSM 14 S

For grinding of HSS and carbide cutters with diameters from 4 to 14 mm



Special Price **1.890 €**

### Specifications

### FSM 14 S

Grinding diameter	mm	4 - 14
Grinding wheel material		CBN
Motor rating main drive	kW	0,16
Overall dimensions (l x w x h)	m	0,61x0,25x0,3
Weight	kg	22
Part No.		112805
Special Price €		<b>1.890</b>



Tap Grinder

## GSM 20

Suitable for taps with 2, 3, and 4 flutes



Special Price **890 €**

### Specifications

### GSM 20

Grinding area		M5 - M20
Point angle	deg	5 - 30
Speed	1/min	5.300
Motor rating main drive	kW	0,18
Overall dimensions (l x w x h)	m	0,35x0,23x0,27
Weight	kg	12
Part No.		112810
Special Price €		<b>890</b>



Sander

## KRA 75 T

Ensures exact fit of tube connections



Special Price **1.490 €**



### Specifications

### KRA 75 T

Grinding diameter	mm	20 - 76
Angle adjustment		30 - 90°
Motor rating	kW	2,2 / 2,8
Blade dimensions	mm	100x2.000
Overall dimensions (l x w x h)	m	1,45x1,15x0,65
Weight	kg	158
Part No.		170202
<b>Special Price €</b>		<b>1.490</b>

### Standard Equipment

base, 1 Standard-grinding belt K 36, 1 grinding roll diameter 42,4 mm, operating tools, Operator instructions



Tube and Profile End Grinder

## PRS 76

Precision-fit sanding drums for sanding of tubes and profiles



Special Price **1.300 €**



### Specifications

### PRS 76

Belt speed	m/s	30
Speed	1/min	2.905
Grinding diameter	mm	20 - 76
Motor rating main drive	kW	3
Blade dimensions	mm	2.000x100
Overall dimensions (l x w x h)	m	1,45x1,15x0,65
Weight	kg	200
Part No.		770202*
<b>Special Price €</b>		<b>1.300</b>

\* Discontinued Product



Edge Beveller

## KF 6000

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



Special Price **1.090 €**



### Specifications KF 6000 OPTIEDGE

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
<b>Special Price €</b>		<b>1.090</b>

Pipe-Thread Cutter  
**RGM 2**  
 Rigid design, small footprint

**Specifications**

<b>RGM 2</b>		
Cutting range	mm	12,7 - 50,8
Speed	1/min	22
Voltage	V	230
Overall dimensions (l x w x h)	m	0,64x0,4x0,44
Weight	kg	62
Part No.		830410*
<b>Special Price €</b>		<b>659</b>

\* Discontinued Product



RGM 4

**Special Price**

**659 €**



- Rigid design, small footprint
- Impact chuck at front, clamping chuck at rear
- Tube cutter, inside tube deburrer
- With mobile base

Motorized Swing-Beam Shears

**KMT B**

Cost-effective and powerful plate shear series fulfills any workshop needs



KMT B 1254

- Manual back gauge
- High cutting power

<b>Specifications KMT B</b>	<b>1253</b>	<b>2052</b>
Structural steel plate thickness	mm	0,8 - 3
Working length	mm	1.250
Cutting angle	deg	2
Strokes per minute (automatic mode)	H/min	30
Motor rating main drive	kW	3
Overall dimensions (length x width x height)	m	1,69x1,48x1,1
Weight	kg	850
Part No.		133640
<b>Starting at €</b>	<b>6.470</b>	<b>7.490</b>



**Standard Equipment**

Foot pedal with emergency stop switch, Side angle stop, support arms, automatic hold-down device, cut-line lighting, manual rear stop, Operator instructions

**Starting at**

**6.470 €**

Part No. 133640

Motorized Swing-Beam Shears

## KMT B 1304 NC

Motorized Swing-Beam Shears with controlled back gauge



Special Price **10.400 €**



### Specifications KMT B 1304 NC

Structural steel plate thickness	mm	0,8 - 4
Working length	mm	1.300
Cutting angle	deg	2,4
Strokes per minute (automatic mode)	H/min	30
Work table height	mm	830
Number of support arms	positions	5
Rear stop	mm	630
Motor rating main drive	kW	4
Overall dimensions (l x w x h)	m	1,75x1,82x1,19
Weight	kg	1.355
Part No.		133652
<b>Special Price €</b>		<b>10.400</b>

### Standard Equipment

pcl control, work lamp, safety guard with power off after open door, Back gauge with 4,3" Touchscreen, foot pedal, cut-line lighting, Squaring arm, Support arms with material support balls, powered rear stop, hold-down, Pneumatic sheet support, Safety cover Working area Backgauge, Operator instructions

Hydraulic Structural Steel Cutters

## HPS 60 H

Universal machining on up to 5 work stations: Punching - cutting - notching



Special Price **11.400 €**



### Specifications

		<b>HPS 60 H</b>
Pressure force	t	60
Punch capacity (max.)	mm	28x15
Knife length	mm	320
Cutting capacity 90°	mm	120x120x12
Plate thickness (max.)	mm	10
Overall dimensions (l x w x h)	m	1,46x0,77x1,58
Weight	kg	1.400
Part No.		131181
<b>Special Price €</b>		<b>11.400</b>

HPS 65 H is shown

### Standard Equipment

easy replaceable punch holder, stamps and dies, angle cutting blade, flat bar cutting blade, notching blade, solid bar cutting blade, Manual controller backauge (1.000mm), foot pedal with emergency stop button, hook spanner wrench, work lamp

NC Press Brake

## AHK M 1540 NC

Compact bending solution with motorized R-axis



Special Price **29.900 €**



- Each support arm can be adjusted in height and is extremely sturdy
- The motorized R-axis simplifies the precise stop-height set-up

### Specifications AHK M 1540 NC

Pressure force	t	40
Brake length	mm	1.550
Throat	mm	320
Motor rating main drive	kW	5,5
Overall dimensions (l x w x h)	m	1,7x1,6x2,23
Weight	kg	3.450
Part No.		182641
<b>Special Price €</b>		<b>29.900</b>

### 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

Folding Machine

## SB E 2060/2

Heavy folding machine with large top beam travel

### Specifications

### SB E 2060/2

Working length	mm	2.060
Plate thickness (max.)	mm	2
Bending bar angle (range)		135°
Top beam travel	mm	210
Adj. lower bending beam	mm	100
Overall dimensions (l x w x h)	m	2,9x0,65x1,74
Weight	kg	1.750
Part No.		131336
<b>Special Price €</b>		<b>8.380</b>



- Cast-iron construction
- Rigid and durable construction
- Versatile use

Special Price **8.380 €**



### Standard Equipment

male die, operator manual

Folding Machine

## SBS E

Heavy manual folding machine with segmented upper tool



See this machine  
in action on  
YouTube



SBS E 2540/1,5 is shown



Exact bending angle across the entire work length

- The series has a rugged, very robust design and is impressively easy to handle while delivering maximum accuracy.
- All models of this series have a hardened, segmented male die.
- Segments can be removed individually, so all sides of the basin can be bent
- Adjustable angular stop for the production of angular small batches
- A manually adjustable rear gauge is available as an option

### Specifications

		<b>SBS E 2540/1,5</b>	<b>SBS E 3020/1,2</b>
Working length	mm	2.540	3.020
Plate thickness (max.)	mm	1,5	1,2
Working height	mm	920	920
Stroke	mm	120	120
Bending angle (max.)	deg	135	135
Adjustment range for A axis	mm	15	15
Overall dimensions (length x width x height)	m	3,32x0,72x1,5	3,8x0,72x1,5
Weight	kg	1.250	1.385
Part No.		131371	131372
<b>Starting at</b>	<b>€</b>	<b>7.530</b>	<b>8.050</b>



Part No. 131371

Starting at

**7.530 €**

### Standard Equipment

Segmented sharp nose tool type upper die, operator manual

Motorized 3-Roller Roll Bending Machine

## KRM ST

Modern design, user-friendly machine with asymmetrical rolls



- Hardened rollers (standard) for a wide spectrum of materials
- Taper bending fixture
- Motorized rear roller adjustment
- Rigid steel construction
- High quality steel rollers
- 2 driven rolls
- Top roller swings out
- Lower roll with manual feed, motorized feed available as an option
- Central lubrication
- Separate control panel



Upper roller can be swiveled out

### Specifications KRM ST

	15/8	20/6	20/7	30/5
Working length	mm 1.550	2.050	2.050	3.050
Plate thickness (max.)	mm 8	6	7	5
max. plate thickness with prebending	mm 7	5	6	4
Bending diameter (min.)	mm 255	255	285	300
Roll diameter	mm 170	170	190	200
Motor rating main drive	kW 4	4	4	4
Overall dimensions (length x width x height)	m 3,35x0,72x1,05	3,85x0,72x1,05	4,2x0,95x1,3	5,2x0,95x1,3
Weight	kg 1.850	2.100	3.100	4.000
Part No.	130780	130781	130782	130786
<b>Starting at €</b>	<b>17.100</b>	<b>17.500</b>	<b>21.500</b>	<b>24.900</b>



Part No. 130780

 Starting at **17.100 €**

### Standard Equipment

hardened rollers, conical bending feature, back roll with motor, manual central lubrication, operator manual

## 3-Roller Roll Bender

**KRM**

Modern design, user-friendly machine with asymmetrical rolls



See this machine  
in action on  
YouTube 

- Hardened rollers, suitable for stainless steel
- Motor driven left/right direction, operated with foot switch
- Hand wheel for rear roll feed
- Quick adjusting rolls (motor-driven, option)
- Standard series wire core groove
- Top roll swings out across cam lock
- Supplied with conical bending feature

**Specifications KRM**

		<b>10/4,0</b>	<b>10/5,0</b>	<b>12/4,0</b>	<b>12/5,0</b>	<b>15/3,0</b>	<b>15/4,0</b>	<b>20/4,0</b>
Working length	mm	1.050	1.050	1.250	1.250	1.550	1.550	2.050
Plate thickness (max.)	mm	5	5,5	4,5	5,5	3,5	4,5	4,5
Max. plate thickness for bending	mm	4	5	4	5	3	4	4
Bending diameter (min.)	mm	150	190	175	210	150	190	210
Roll diameter	mm	110	130	120	140	110	130	140
Motor rating main drive	kW	2,2	2,2	2,2	2,2	2,2	2,2	2,2
Overall dimensions (length x width x height)	m	1,82x0,85 x1,15	1,82x0,9 x1,2	2,02x0,85 x1,15	2,02x0,9 x1,2	2,62x0,85 x1,15	2,32x0,9 x1,2	3,24x0,9 x1,2
Weight	kg	1.080	1.220	1.250	1.365	1.220	1.360	1.530
Part No.		131960	131961	131963	131964	131965	131966	131968
<b>Starting at</b>		<b>8.700</b>	<b>9.350</b>	<b>9.580</b>	<b>10.100</b>	<b>9.810</b>	<b>11.200</b>	<b>12.700</b>

Part No. 131960

Starting at

**8.700 €**

**Standard Equipment**

hardened rollers, conical bending feature

Motorized 3-Roller Roll Bending Machine

## KRM-A

Motorized drive with foot pedal control and safety switch



- Asymmetrical 3-Roll Bending Machine
- Hardened rollers, suitable for stainless steel
- Adjustable bottom and rear roller
- Standard series wire core groove
- Top roller swings out with eccentric closure
- Foot switch
- Manual feed or rear roller
- Brake motor
- Supplied with conical bending feature

### Specifications KRM-A

		10/3,0	12/2,5	20/1,5
Working length	mm	1.050	1.250	2.050
Plate thickness (max.)	mm	3,3	3	1,8
Max. plate thickness for bending	mm	3	2,5	1,5
Bending diameter (min.)	mm	130	130	135
Roll diameter	mm	90	90	95
Roller speed	m/min	6	6	6
Motor rating main drive	kW	1,1	1,1	1,1
Overall dimensions (length x width x height)	m	2,1x0,8x1,13	2,35x0,8x1,13	3,03x0,8x1,13
Weight	kg	500	570	635
Part No.		131881	131882	131884
<b>Starting at €</b>		<b>5.930</b>	<b>6.280</b>	<b>8.280</b>



Part No. 131881

 Starting at **5.930 €**

### Standard Equipment

hardened rollers, conical bending feature

## Roll Bending Machine

### KR

**Rigid cast-iron construction with manually driven rollers**

- Hardened rollers, suitable for stainless steel
- Top roller swings out
- Easy adjustment of rear and bottom roller via hand wheel
- Bottom and rear roller with wire insertion groove

Specifications KR	10/1,0	10/1,5
Working length	mm	1.050
Plate thickness (max.)	mm	1
Roll diameter	mm	56
Overall dimensions (l x w x h)	m	1,3x0,7x1,1
Weight	kg	240
Part No.		131885
<b>Starting at €</b>	<b>3.150</b>	<b>3.950</b>



KR 10/3.0 is shown

Part No. 131885

Starting at **3.150 €**



### Standard Equipment

hardened rollers, operator manual, conical bending feature

## Hydraulic Profile Bender

### KPB 40H

**Low-cost Ring and Profile Benders for universal applications**

- Hydraulic feed of top roller via a powerful hydraulic cylinder
- A modular profile roller set for bending of flat and angle irons or T and U irons is included in the standard equipment
- Optional custom rollers allow bending of round tubes; each diameter requires a separate custom roller

Specifications	KPB 40H
Shaft diameter	mm 40
Roll diameter	mm 168
Bending speed	1/min 9,3
Motor rating main drive	kW 1,5
Dimensions (L X W X H)	mm 780x1.200x1.630
Weight	kg 490
Part No.	130136
<b>Special Price €</b>	<b>4.960</b>



### Standard Equipment

Foot pedal with emergency stop switch, standard rollers, base, control panel, Operator instructions

Special Price **4.960 €**




 KPB 81 shown incl. optional accessories  
 hydraulically controlled straightening rollers


KPB 45 shown

### KPB 81

- optimum adaptation to a large variety of profiles using the modular roller system
- 3 hydraulic-driven rollers
- hardened and ground shafts
- overload slip-clutch
- hydraulic feed of bottom rollers with digital display
- hydraulically adjustable straightening rollers; optional
- allows horizontal or vertical machining
- hydraulic components made by leading manufactures

### KPB 45

- incl. a modular roller system for optimum adaptation to desired profile
- manually adjustable leveling rolls
- hardened and ground shafts
- allows horizontal or vertical machining
- hydraulic components made by leading manufactures
- hydraulic movement of upper roll
- separate control panel

### Specifications

		KPB 45	KPB 81
Shaft Ø	mm	50 / 40	80
Roll Ø	mm	152 / 162	245
Bending speed	m/min	3,3	4,2
Driven roll	positions	3	3
Motor rating hydraulic pump	kW	1,5	5,5
Overall dimensions (length x width x height)	m	0,78x0,95x1,65	1,38x1,04x1,54
Weight	kg	500	1.600
Part No.		131150	131200
<b>Starting at</b>		<b>7.920</b>	<b>22.800</b>



Part No. 131150

Starting at

**7.920 €**

### Standard Equipment for KPB 45:

- Control panel, standard rollers, operating tools, operator manual

### Standard Equipment for KPB 81:

- Digital display, control panel, standard rollers, operating tools, operator manual

Motorized Ring and Profile Bender

## KPB 30

Cost-Effective Ring and Profile Benders for universal trade applications

- Millimeter scale for roller adjustment
- Mechanical feed, 2 driving rollers, horizontal and vertical applications

### Specifications

KPB 30		
Shaft Ø	mm	30 / 35
Roll Ø	mm	132 / 137
Bending speed	m/min	2,1
Motor rating main drive	kW	0,75
Weight	kg	185
Length	mm	670
Width	mm	530
Height including base	mm	1.350
Part No.		130158
<b>Special Price €</b>		<b>3.590</b>



Special Price

**3.590 €**



### Standard Equipment

standard rollers, Foot pedal with emergency stop switch, control panel, operating tools, Operator instructions

Beading Machine

## KSM

Professional work in industrial and commercial operations



- Four sets of beading and crimping rollers are included
- Two large foot switches simplify changing between rotational directions for not circumferential beads

### Specifications

	KSM 12	KSM 25	KSM 40
Plate thickness (max.)	mm	1,2	2,5
Roller distance max.	mm	56	92
Throat	mm	200	280
Speed	1/min	32	20
Motor rating	kW	0,75	1,5
Overall dimens. (l x w x h)	m	1,1x0,48x1,48	1,47x0,58x135
Weight	kg	120	235
Part No.		130018	130019
<b>Starting at €</b>	<b>1.570</b>	<b>1.980</b>	<b>2.690</b>



### Standard Equipment

base, foot pedal, 4 pieces standard rolls, Operator instructions

Starting at

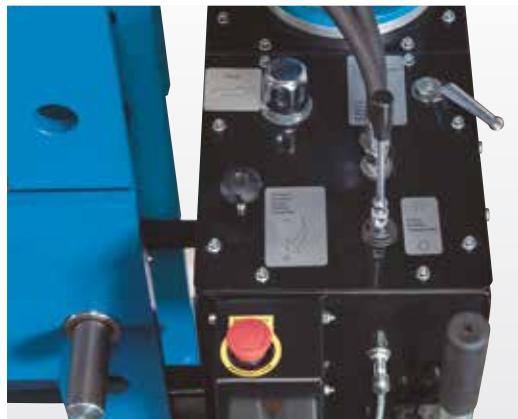
**1.570 €**

Part No. 130018

Hydraulic Workshop Presses

## KNWP 200 HM

Hydraulic Shop Press with double-acting cylinder



The press is operated via joystick



Table height can be adjusted comfortably via hydraulic lifting gear



KNWP 100 HM is shown

- Multiple sizes available from 60-200 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
- Supply voltage 3x400 V / 50 Hz
- Work cylinder with smooth horizontal adjustment
- Press frame features high rigidity, functionality and excellent finish

### Specifications

<b>KNWP 200 HM</b>	
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
Throat width	mm 1.300
Motor rating hydraulic pump	kW 3
Hydraulic tank volume	l 64
Weight	kg 1.690
Part No.	131747
<b>Special Price €</b>	<b>14.900</b>

Part No. 131747

 Special Price **14.900 €**


Hydraulic Workshop Presses

## KNWP 15 M

Ideal for craft shops, schools and training facilities

### Specifications

	KNWP 15 M	
Pressure force	t	15
Operating pressure (max.)	bar	382,2
Total piston stroke	mm	160
Throat width	mm	560
Hydraulic tank volume	l	1,65
Weight	kg	117
Part No.		131742
<b>Special Price €</b>	<b>1.370</b>	



See this machine  
in action on  
YouTube 



**Special Price** **1.370 €**



KNWP 30 M is shown

Horizontal Bending and Straightening Press

## KHP 40 NC

Cost-effective bending and straightening of flat steel



- The horizontal bending and straightening press features a powerful hydraulic drive plus a stamp and a die for machining up to 160 mm wide flat material
- All functions are shown on the touchscreen display

### Specifications

	KHP 40 NC	
Pressure force	t	40
Hydraulic pressure max.	bar	260
Y-axis stroke	mm	250
Piston diam.	mm	50
Motor rating main drive	kW	1,5
Overall dimensions (l x wh x h)	m	1,55x0,8x1,36
Weight	kg	680
Part No.		130611
<b>Special Price €</b>	<b>7.900</b>	



**Special Price** **7.900 €**

### Standard Equipment

upper tool 60°, 160 x 88 mm, bending die, 80 mm opening width, central lubrication, Touchscreen operator panel with foot switch, side gauge 550 mm, Operator instructions



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What started in Königsberg in 1923 has grown into one of the world's leading suppliers of machine tools and accessories.

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