

# START THE NEW YEAR WITH THE BEST DEALS

Stock machines available at short notice



# Contents

## CNC TURNING

- Numturn 500/1500 CNC 1

## DRILLING

- R 60 VT 10
- R 40 V 10
- KSR 40 Advance 11
- KSB 63 B 11
- SSB F 60 Super VT PRO 12

## SHEARS / CUTTERS

- KHT H 3010 CNC 22
- KHT M 3012 NC 23
- KMT S 2554 NC 23
- KMT B 1304 NC 24
- KMT B 2052 24
- KMT S 1553 • 2053 25
- HPS 60 H 26

## TURNING

- Sinus D 1
- Servoturn® 500 2
- Turnado V 3
- Turnado 4

## SAWING

- ABS 460 TNC 12
- ABS 330 TNC 13
- ABS 325 S NC 13
- ABS 325 H NC 14
- ABS 300 NC • 400 NC 14
- ABS L 15
- ABS 320 PLC 16
- ABS 280 T 16
- HB 380 L 17
- HB 280 B 17
- VB 500 A 18
- KKS 250 T 18

## BENDING

- AHK H 30100 CNC 27
- AHK H 30175 CNC 27
- AHK M 1230 NC 28
- KRM ST 29
- KRM 30
- KRM T 10/5,0 31
- SBS E 3020/1,2 32
- SB E 2060/2 32
- KPB 61 • 81 33

## CNC MILLING

- Vector 850 M 5
- VECTOR 1000 M 5
- X.mill 400 6
- X.mill T 1000 Si CNC 6

## GRINDING

- RSM 500 A • RSM 800 19
- HFS 52 NC 19
- HFS 2550 F Advance 20
- HFS 4080 F Advance 20

## PRESSING

- KNWP 200 HM 34
- KNWP 30 M 35
- KP 100 A 36
- HPK 100 A 37

## MILLING

- Servomill® 7-8
- FPK 6.3 9
- MF 1 P 9

## CUTTING

- Plasma-Jet TrueCut K 1530 21

Specifications are valid at the time of printing. Subject to change without notice. Errors and omissions excepted.



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*

\* Custom Model



### 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



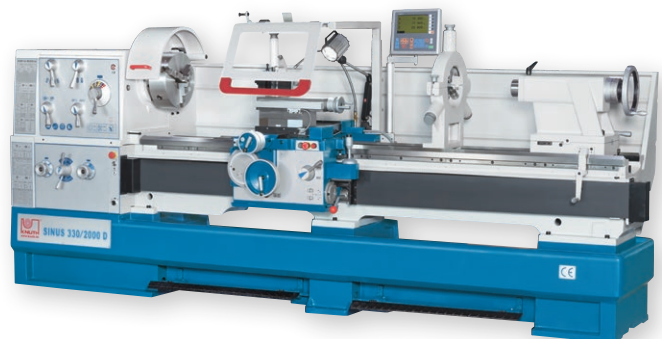
Precision Lathe

## Sinus D

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

### Specifications Sinus 400/1500 D

Workpiece length (max.)	mm	1.500
Turning-Ø over support	mm	570
Travel X-axis	mm	420
Travel Z1-axis	mm	230
Spindle speed	1/min	(16) 25 - 1.600
Spindle mount		D1-8
Motor rating main drive	kW	7,5
Weight	kg	3.220
Part No.		300015



Experience our machines in action!



### 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, LED Work light, Reducing sleeve, Dead center, Toolbox with operating tools, Operator instructions



Universal Lathe

## Servoturn® 500

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
Center width	mm	950	1.450	1.950
Turning diameter over bed	mm	500	500	500
Travel X-axis	mm	250	250	250
Travel Z-axis	mm	880	1.380	1.880
Travel Z1-axis	mm	100	100	100
Spindle speed	1/min	30 - 1.600	30 - 1.600	30 - 1.600
Spindle mount		A2-8	A2-8	A2-8
Motor rating main drive	kW	6 - 9	6 - 9	6 - 9
Overall dimensions (length x width x height)	m	3,2x1,28x1,65	3,75x1,28x1,65	4,25x1,28x1,65
Weight	kg	2.850	3.150	3.450
Part No.		300831	300832	300833



### 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




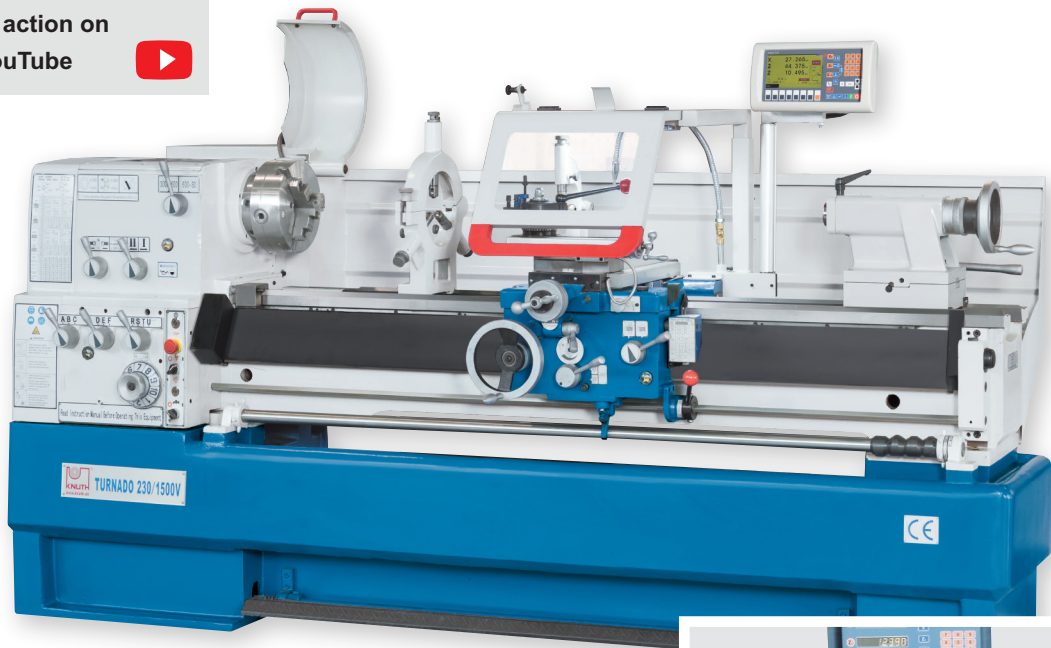
Lead Screw and Feed Shaft Lathe

## Turnado V

Proven classic with extensive standard equipment



See this Machine  
in action on  
YouTube 



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

- Infinitely variable adjustable rotation range
- Offset tailstock for taper turning
- Large number of thread leads
- Removable gap bridge for machining of large diameter
- Stop spindle with adjustable travel stops



Constant cutting speed for flawless surfaces

Specifications		230/1000 V	230/1500 V	230/2000 V	280/1500 V
Workpiece length (max.)	mm	1.000	1.500	2.000	1.428
Turning-Ør over bed	mm	460	460	460	560
Turning-Ør over support	mm	224	224	224	355
Spindle speeds	1/min	L 30-600 / H 600-3000	L 30-600 / H 600-3000	L 30-600 / H 600-3000	L 25-200 / H 200-1600
Spindle bore	mm	58	58	58	80
Motor rating main drive	kW	7,5	7,5	7,5	7,5
Overall dimensions (l x w x h)	m	2,2x1,08x1,34	2,75x1,08x1,34	3,25x1,08x1,34	2,84x1,15x1,46
Weight	kg	1.720	1.970	2.100	2.370
Spindle mount		Camlock D1-6	Camlock D1-6	Camlock D1-6	Camlock D1-8
Part No.		320570	320571	320575	320572


### Standard Equipment

3-axis position indicator, X.pos 3.2 VC, Quick tool changer head, Quick change tool holder, Adjustable feed stoppers, 3-jaw chuck, 4-jaw face chuck, Face plate, Follow and steady rests, Coolant system, Micro-meter longitudinal stop, Thread gauge, Reducing sleeve, Dead center, Protective shield for the toolpost, Chuck guard, Foot brake pedal, Fixed splash guard (wall), Work light, Toolbox with operating tools, Operator instructions



## Turnado

Proven classic with extensive standard equipment


 See this Machine  
in action on  
YouTube 


- The Turnado Series Universal Lathes are widely tested and proven and our definite bestsellers with a low price and lasting high value
- A heavily ribbed machine bed, rigid headstock and a massive one-piece cast-iron stand form a solid machine base clamping feature for efficient machining
- Removable bridge allows machining of short workpieces with large diameters
- Guideways feature a v-block design and are hardened and ground for lasting precision
- The powerful main motor with stepped gears provides high torque and wide range of spindle speeds

### Specifications

		<b>230/1500</b>	<b>230/2000</b>
Workpiece length (max.)	mm	1.500	2.000
Turning-Ør over bed	mm	460	460
Turning-Ø over support	mm	224	224
Spindle bore	mm	58	58
Spindle mount		Camlock D1-6	Camlock D1-6
Motor rating main drive	kW	5,5	5,5
Weight	kg	1.970	2.100
Spindle speeds	1/min	(12) 25 - 2.000	(12) 25 - 2.000
Part No.		320558	320557

**Starting at €**

### Standard Equipment

3-axis position indicator X.Pos 3.2, Quick change tool holder head WB, Quick change tool holder, Adjustable feed stoppers, 3-jaw chuck, 4-jaw face plate chuck, Face plate, Follow and steady rests, Coolant system, Micrometer longitudinal stop, Thread gauge, Reducing sleeve, Dead center, Protective shield for the toolpost, Chuck guard, Foot brake pedal, Fixed splash guard (wall), Work light, Toolbox with operating tools, Operator instructions





CNC Vertical Machining Center

## Vector 850 M

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

### Specifications VECTOR 850 M SI

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		SK 40
Rapid feed X-/ Y-axis	mm/min	36.000
Rapid feed Z-axis	mm/min	15.000
Number of tool stations	positions	24
Main drive, continuous load	kW	9
Overall dimensions (l x w x h)	m	2,42x2,2x2,7
Weight	kg	4.300
Part No.		423513*

\* Additional equipment: Preparation (cable) for Renishaw TS 27R and OMP 40



### Standard Equipment

Ethernet port (LAN), preparation for Renishaw TS 27 R, 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, Aufnahme SK 40, 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, USB port, CF card reader, Totally enclosed work space, Work lamp, 3-color signal lamp, Coolant system, Adjustable machine feet, Operating tools, Operator instructions



CNC Vertical Machining Center

## VECTOR 1000 M Si (SK40) + 4. axis

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

### Specifications VECTOR 1000 M Si

Table dimensions	mm	1.100x550
Travel X-axis	mm	1.000
Travel Y-axis	mm	550
Travel Z-axis	mm	550
Spindle speed	1/min	10.000
Spindle mount		SK 40
Rapid feed X-/ Y-axis	mm/min	36.000
Rapid feed Z-axis	mm/min	15.000
Number of tool stations	positions	24
Main drive, continuous load	kW	9
Weight	kg	4.600
Part No.		422345*

\* Custom Model



### Standard Equipment

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, Aufnahme SK 40, 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, USB port, CF card reader, Totally enclosed work space, Work lamp, 3-color signal lamp, Coolant system, Adjustable machine feet, preparation for Renishaw TS 27 R, DR 170 (Ø210mm) 4th axis for Vector M Si, Operating tools, Operator instructions





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



### 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



Vertical CNC Machining Center

## X.mill T 1000 Si CNC

The production-class of vertical machining centers

### 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		SK 40
Number of tool stations	positions	20
Motor rating main drive	kW	9
Overall dimensions (l x w x h)	m	2,62x2,2x2,7
Weight	kg	4.600
Part No.		181440



X.mill T 700 is shown



### Standard Equipment

Siemens 828D control, Shield-type 20-station tool changer ST40, Screw-type chip conveyor with bucket, Ridgid tapping, Autom. power off, Manual coolant spray gun, Coolant system, Spindle air system, Heat Exchanger for electric control cabinet, fully enclosed work space (without top cover), Electronic hand-wheel, USB port, Automatic central lubrication, Work lamp, 3-color signal lamp, Operating tools, leveling bolts and blocks, preparation for Renishaw TS 27 R



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



### 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 12

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

### Specifications

### UWF 12

Table dimensions	mm	1.600x500
Travel X-axis	mm	1.200
Travel Y-axis	mm	700
Travel Z-axis	mm	500
Speed range (2)	1/min	30-390 / 390-2050
Spindle mount		SK 50 / DIN 2080
Motor rating main drive	kW	11
Weight	kg	4.500
Part No.		301257



### 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



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*

\* Demo Machine



### 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



Servo-Conventional Multipurpose Milling Machine

## Servomill® 700

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

### 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



### 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 6.3

**The modern generation of high-quality tool milling machines**
**Specifications**
**FPK 6.3**

Table dimensions	mm	450x850
Travel X-axis	mm	600
Travel Y-axis	mm	450
Travel Z-axis	mm	450
Rapid feed X / Y / Z axis	mm/min	
Speed range	1/min	(2) 40 - 2.000
Spindle mount		ISO 40
Motor rating main drive	kW	5,5
Weight	kg	1.750
Rapid feed X-axis	mm/min	1.200
Part No.		302341


**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**
**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


**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





Radial Drill Press

## R 60 VT

The first servo-conventional radial drill press

### 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



### Standard Equipment

Touchscreen control panel, Servo motor for quill feed, Accessory set for drilling, Cube table, Manual central lubrication, Coolant system, Work light, Height adjustable spindle cover, 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



### Standard Equipment

coolant system, cube table, LED work lamp, Operator instructions

Rapid Radial Drill Press

## KSR 40 Advance

Linear guides for easy handling and stability

Specifications	KSR 40 Advance	
Drilling capacity	mm	40
Spindle nose-to-table surface distance	mm	760
Quill stroke	mm	200
Table set up area	mm	1.200x505
Spindle mount	MT	4
Spindle speed (infinitely variable)	1/min	50 - 2.000
Motor rating main drive	kW	2,2
Overall dimensions (l x w x h)	m	1,72x1,2x2,25
Weight	kg	2.740
Part No.		162363



See this machine  
in action on  
YouTube



### Standard Equipment

Digital speed indicator, Additional setup areas at the side and rear, Cube table, Swivelling horizontal table, Digital boring depth indicator, Work lamp, Coolant system, Thread cutting function, Drill chuck with tool-holder bits, Reduction sleeves, Operating tools, Operator manual

Box-Column Drill Press

## KSB 63B

Superior rigidity for drilling, reaming and thread-cutting tasks

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 (l x w x h)	m	0,97x1,45x2,79
Weight	kg	2.500
Part No.		101695



### Standard Equipment

Coolant system, Thread cutting function, LED work lamp, Operating tools, Operator instructions



Column Drill Press

## SSB F 60 Super VT PRO

Servo-conventional column drill press

### Specifications SSB F 60 Super VT PRO

Drilling capacity	mm	60
Table set up area	mm	600x500
Quill stroke	mm	200
Spindle nose-to-foot distance	mm	1.123
Spindle nose-to-table surface distance	mm	520
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.		101680



### Standard Equipment

Touchscreen controller, Automatic thread cutting cycles, Automatic drilling feed, Motorised table height adjustment, Accessory set for drilling, Coolant system, Protective shield, LED work lamp, Operator instructions

Fully Automatic Band Saw

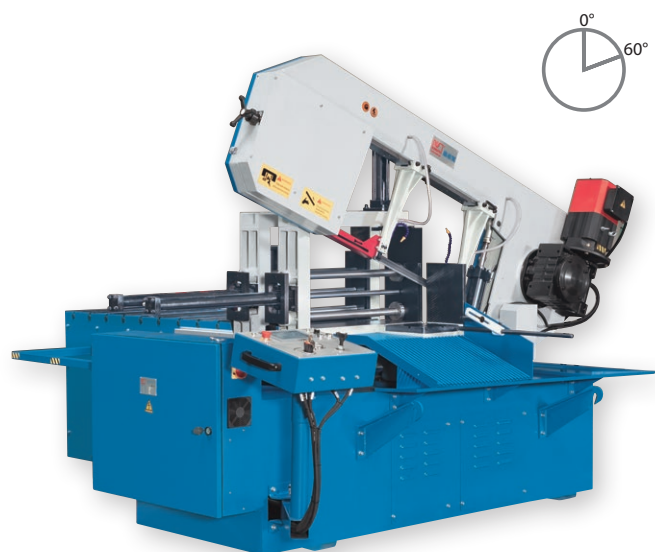
## ABS 460 TNC

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



### Standard Equipment

hydraulic vice, hydraulic feed vise, 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 330 TNC

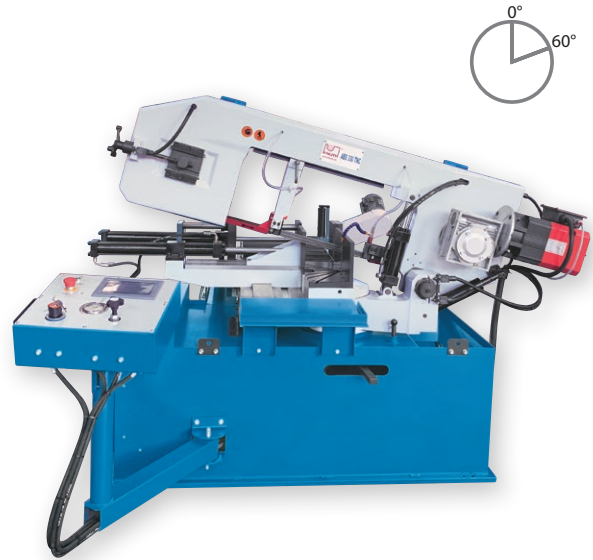
Fully automated band saw with manual cut angle adjustment

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

### Specifications ABS 330 TNC

Cutting speed	m/min	40/80
Cutting capacity 0° (round)	mm	330
Cutting capacity 0° (square)	mm	250
Cutting capacity 0° (flat)	mm	460x250
Main motor rating	kW	1,5/2,2
Overall dimensions (l x w x h)	m	6,47x2,25x1,4
Weight	kg	1.520
Part No.		152820

€



### Standard Equipment

Chip brush, Feed roller table (3 meters), Hydraulic workpiece feed, Bimetallic band saw blade, Touch screen monitor, Coolant system, Operating tools, Operator manual, NC control for automatic band saws



Fully Automatic Band Saw

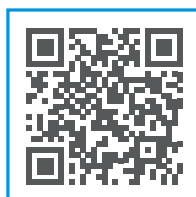
## ABS 325 S NC

Fully automated servo motor driven feed and cut angle adjustments

### Specifications ABS 325 S NC

Cutting speed	m/min	20 - 100
Cutting capacity 0° (round)	mm	325
Cutting capacity 0° (flat)	mm	400x315
Cutting capacity 0° (square)	mm	315
Motor rating main drive	kW	2,2
Blade dimensions	mm	4.380x34x1,1
Overall dimensions (l x w x h)	m	2,13x2,15x1,65
Weight	kg	1.860
Part No.		423503*

\* Special model equipped with interesting accessories for sawing pipes: hydraulic bundle tensioning, hydraulic saw blade tensioning, roller conveyor 3m, minimum quantity cooling, chip conveyor, laser cutting line indicator, clamping force regulation on the control panel



### Standard Equipment

Omron Steuerung mit Touchscreen, Automatischer Werkstückvorschub (servo), Hydraulic part clamping, Hydraulic clamping of cutting angle, Digital angle display, Optical height adjustment, Saw-band, Mechanical saw blade tensioning with hydraulic pressure gauge, Saw blade cleaner brush, Coolant system, Operating tools, Operator manual

Fully Automatic Band Saw

## ABS 325 H NC

Fully automated band saw with cut angle adjustment

### Specifications ABS 325 H NC

Cutting speed	m/min	20 - 100
Cutting capacity 0° (round)	mm	325
Cutting capacity 0° (flat)	mm	400x315
Cutting capacity 0° (square)	mm	315
Motor rating main drive	kW	2,2
Blade dimensions	mm	4.380x34x1,1
Overall dimensions (l x w x h)	m	2,13x2,15x1,65
Weight	kg	1.860
Part No.		423502*

\* Special model equipped with interesting accessories for sawing pipes: hydraulic bundle tensioning, hydraulic saw blade tensioning, roller conveyor 3m, minimum quantity cooling, laser cutting line indicator and clamping force regulation on the control panel



### Standard Equipment

Siemens Simatic KP 400 SPS-control, Automatic workpiece feed (hydraulic), Hydraulic part clamping, Hydraulic clamping of cutting angle, hydraulic top clamping, Hydraulic sawblade tensioning, Digital angle display, Optical height adjustment, Saw-band, Saw blade cleaner brush, Roller table (3 meter), Coolant system, Operating tools, Operator manual



Fully Automatic Miter Band Saw

## ABS 300 NC • 400 NC

Fully automatic band saw with programmable cut angle adjustment

### Specifications

		ABS 300 NC	ABS 400 NC
Cutting speed	m/min	20 - 90	20 - 80
Cutting capacity 0° (round)	mm	300	400
Cutting capacity 0° (flat)	mm	360x300	500x400
Cutting capacity 0° (square)	mm	300	400
Motor rating main drive	kW	3	4
Blade dimensions	mm	4.430x34x1,1	5.590x41x1,1
Weight	kg	1.900	2.900
Overall dimensions (l x w x h)	m	2,2x2x1,7	2,4x2,3x2
Part No.		152880	152883



### Standard Equipment

Siemens PLC control, Autom. cleaning brush, Feed roller table (2 meters), 1 saw blade, Touch screen monitor, Automatic parts counter, Bundle vise, Chip conveyor, Coolant system, Operating tools, Operator manual



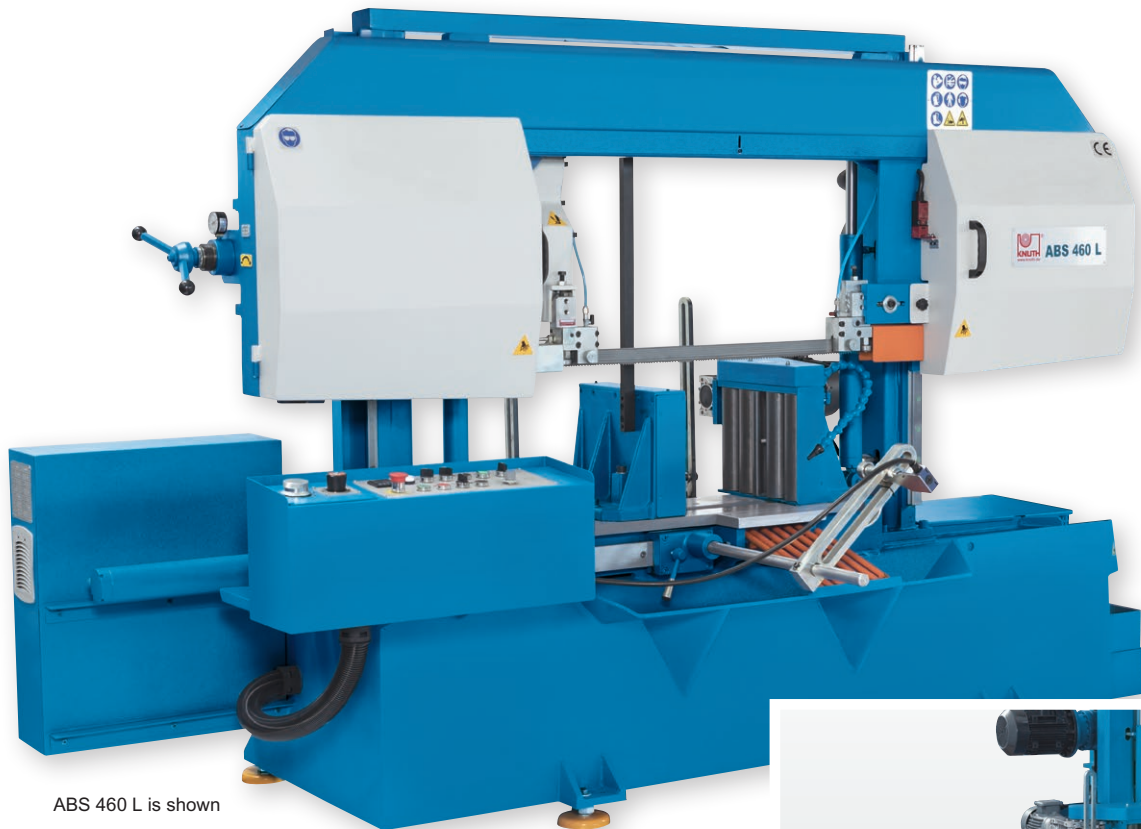
See this machine  
in action on  
YouTube



Fully Automatic Band Saw

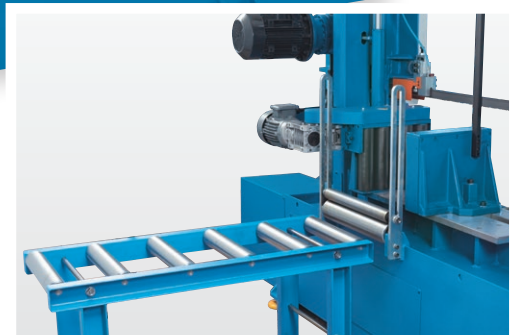
# ABS L

A new generation: more automation, faster cuts and less down-time



ABS 460 L is shown

- Proven material feed system with hardened workpiece guide rollers and hydraulic workpiece clamping
- Shorter machining times are made possible by an advanced hydraulic saw frame feed design, including a new pressure control system to master any sawing tasks - infinitely variable setting of feed speed and cutting pressure
- Optical registration of the workpiece height allows empty runs in rapid feed mode for an optimum change-over to work feed and limiting of the vertical saw frame travel - everything is automated to reduce operator work load



Solid feed roller table and material guide for workpiece bundles

## Specifications

		<b>ABS 330 L</b>	<b>ABS 460 L</b>	<b>ABS 560 L</b>
Cutting capacity 0° (flat)	mm	360x330	470x460	570x560
Cutting capacity 0° (round)	mm	330	460	560
Cutting capacity 0° (square)	mm	330	460	560
Cutting speed infinitely variable	m/min	20 - 100	20 - 100	20 - 100
Motor rating main drive	kW	3	4	4
Weight	kg	1.400	1.500	2.100
Blade dimensions	mm	4.160x34x1,1	5.200x41x1,3	6.000x41x1,3
Overall dimensions (length x width x height)	m	2,75x0,9x1,7	3,1x1x1,8	3,5x1,05x2,05
Part No.		152763	152766	152771



## Standard Equipment

Saw-band, Workpiece counter, Band break control, Coolant system, Hydraulic clamping, Mechanical saw blade tensioning with hydraulic pressure gauge, Feed roller table 1,2 m, Linear stop, Operator instructions





Fully Automatic Band Saw

## ABS 320 PLC

Fully automatic band saw with motorized material feed

- Touchscreen for automatic feed
- Hydraulic workpiece clamping

### Specifications ABS 320 PLC

Cutting capacity 0° (round)	mm	320
Cutting capacity 0° (square)	mm	300
Cutting capacity 0° (flat)	mm	320x300
Cutting speed	m/min	20 - 100
Motor rating main drive	kW	1,5
Blade dimensions	mm	3.660x27x0,9
Weight	kg	765
Part No.		152759



### Standard Equipment

PLC-control with touch-screen, Hydraulic part clamping, Bundle vise, Mechanical saw blade tensioning with hydraulic pressure gauge, Optical height adjustment, Automatic band break control, Feed roller table 1,2 m, Coolant system, Saw-band, Saw blade cleaner brush, Operating tools, Operator instructions



Fully Automatic Band Saw

## ABS 280 T

Fully automated dual-column band saw with bundle clamping fixture

- Hydraulic material clamping
- Hydraulic feed with easy-to-use adjustable stop

### Specifications ABS 280 T

Cutting speed	m/min	27,45,69
Cutting capacity 0° (round)	mm	280
Cutting capacity 0° (square)	mm	280
Cutting capacity 0° (flat)	mm	280x280
Motor rating main drive	kW	3
Blade dimensions	mm	3.505x27x0,9
Overall dimensions (l x w x h)	m	2,24x1,8x1,63
Weight	kg	1.010
Part No.		152828



### Standard Equipment

1 saw blade, Bundle vise, Coolant system, Work lamp, material support block, Operator manual



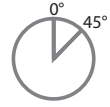
Semi-Automatic Band Saw

## HB 380 L

Exact sawing of large and very large workpieces

- With linear guide technology!

Specifications	HB 380 L	
Cutting capacity 0° (round)	mm	380
Cutting capacity 0° (square)	mm	380
Cutting capacity 0° (flat)	mm	520x380
Cutting speed	m/min	20 - 100
Motor rating main drive	kW	3
Blade dimensions	mm	4.800x34x1,1
Weight	kg	1.150
Overall dimensions (l x w x h)	m	2,85x1,66x0,93
Part No.		152802



### 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



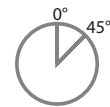
Horizontal Band Saws

## HB 280 B

Highly reliable Horizontal Band Saws with easy miter adjustment

- Vise jaws can be swiveled 45° for miter cuts

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



### Standard Equipment

part clamping, coolant system, linear stop, operator manual



Vertical Band Saw

## VB 500 A

Integrated band saw blade welder for inside and outside contours

- Swiveling table
- Infinitely variable belt speed

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
Blade length	mm	3.980 - 4.050
Part No.		102642



### Standard Equipment

Saw blade welder assembly, blade cutting unit, Work lamp, Saw-band, Coolant system, adjustable material stop for table, Operator instructions

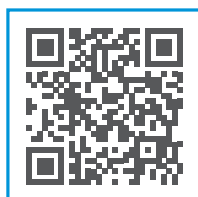


Circular Cold Saw

## KKS 250 T

Proven classic model for workshops- rugged and lasting

Specifications		KKS 250 T
Max. saw blade diameter	mm	250
Shaft diameter	mm	32
Speed	1/min	42
Width of vise	mm	100
Cutting capacity 0° (round)	mm	60
Cutting capacity 0° (square)	mm	55
Cutting capacity 0° (flat)	mm	75x45
Main motor rating	kW	1,1
Overall dimensions (l x w x h)	m	0,92x0,48x1,71
Weight	kg	143
Part No.		102119



### Standard Equipment

Quick-action vise, Base, Coolant system, 1 saw blade, Linear stop

## Cylindrical Grinding Machines

# RSM 500 A • RSM 800

For outside and inside grinding of cylindrical and conical parts

Specifications		RSM 500 A	RSM 800
Center height	mm	135	135
Workpiece length (max.)	mm	640	950
Grinding length	mm	500	800
Grinding diameter	mm	8 - 200	8 - 200
Workpiece weight betw. centers (max.)	kg	50	50
Tailstock taper	MT	4	4
Grinding wheel dimensions	mm	400x50x203	400x50x203
Weight	kg	2.500	3.000
Grindstone dim., inside grinding (max.)	mm	50x40x16	50x40x16
Grindstone dim., inside grinding (min.)	mm	45x35x10	35x45x10
Part No.		302430	370150



### Standard Equipment

2-Axis position indicator 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

## NC Surface Grinder

# HFS 52 NC

Automatic and semi-automatic grinding with dressing cycle

Specifications		HFS 52 NC
Grinding area (max.)	mm	520x200
Workpiece weights incl. magnetic clamping plate (max.)	kg	210
Spindle axis-to-table surface distance	mm	470
Travel X-axis	mm	560
Travel Z-axis	mm	220
Spindle speed	1/min	500 - 3.500
Motor rating main drive	kW	3,7
Motor rating hydraulic pump	kW	1,5
Grinding wheel dimensions	mm	255x50,8x25
Part No.		122415



### 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





Surface Grinder

## HFS 2550 F Advance

Precision and ease-of-use for maximum production efficiency

### Specifications HFS 2550 F Advance

Workpiece weight (max.)	kg	180
Spindle nose-to-table surface distance	mm	450
Table dimensions	mm	508x254
Speed	1/min	2.850
Travel X-axis	mm	560
Travel Y-axis	mm	275
Motor rating main drive	kW	2,2
Grinding wheel dimensions	mm	200x20x31,75
Overall dimensions (l x w x h)	m	2,3x1,6x1,68
Weight	kg	1.800
Part No.		423498*

\* Special model with closed workspace housing



### Standard Equipment

2-axis position indicator X.Pos 3.2, Electronic hand-wheel, Grinding wheel flange, Automatic central lubrication, Workspace enclosure, Coolant and suction device, Grinding wheel dresser, Balancing station, Balancing shaft, LED work lamp, Magnetic clamping plate, Adjustment screws, Operating tools, demagnetization unit, Siemens PLC-control with Touchscreen, Grinding wheel, Full enclosure work area (2 doors), Operator manual



Surface Grinder

## HFS 4080 F Advance

Precision and ease-of-use for maximum production efficiency

### Specifications HFS 4080 F Advance

Workpiece weight (max.)	kg	500
Spindle nose-to-table surface distance	mm	580
Table dimensions	mm	813x406
Travel X-axis	mm	910
Travel Y-axis	mm	450
Motor rating main drive	kW	4
Grinding wheel dimensions	mm	350x40x127
Overall dimensions (l x w x h)	m	3,6x2,4x1,9
Weight	kg	3.400
Part No.		423499*

\* Special model with closed workspace housing



### Standard Equipment

2-axis position indicator X.Pos 3.2, Electronic hand-wheel, Grinding wheel flange, Automatic central lubrication, Workspace enclosure, Coolant and suction device, Grinding wheel dresser, Balancing station, Balancing shaft, LED work lamp, Magnetic clamping plate, Adjustment screws, Operating tools, demagnetization unit, Siemens PLC-control with Touchscreen, Grinding wheel, Vollumhausung Arbeitsbereich (2 Türen), Operator manual

Plasma Cutting System

## Plasma-Jet TrueCut K 1530 (Q1500 Plus)

Top class plasma cutting system with Kjellberg Q 1500 Plus Allgas

- 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
- Dual-drive bridge
- High-quality linear guides on all axes
- Dynamic AC servo drives on all axes with maintenance-free, zero-backlash planetary gears
- Automatic torch height control
- Low-wear and low-maintenance helical gears are designed for continuous operation
- The structure of the machine and the selection of components are designed to enable multi-shift operation
- **Demonstration machine equipped as standard with the new trend-setting plasma source from Kjellberg Finsterwalde**



### Specifications

### Plasma-Jet TrueCut K 1530 (Q1500 Plus)

Cutting Width	mm	1.500
Cutting length	mm	3.000
Table height	mm	700
Table load capacity	kg/m <sup>2</sup>	520
Rapid feed	mm/min	18.000
Weight	kg	3.100
Part No.		423545



### Standard Equipment

Table prepared for filter system (automatic closure control), Panasonic 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, Eckelmann IBE Software cncCUT Nest

Hydraulic Shear

## KHT H 3010 CNC

Automatic blade gap, cutting angle & cutting length adjustment



KHT H 3010 CNC with optional accessories is shown

- With sheet holding device
- Cybelec Touch 8 control
- Controlled back gauge with preloaded ball screw
- Controlled kerf adjustment
- Controlled cutting angle adjustment
- Knife suitable for stainless steel



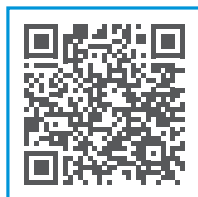
### Specifications KHT H 3010 CNC

Working length	mm	3.080
Cutting angle	deg	0,3 - 2
Strokes per minute	H/min	17
Table size	mm	3.340x520x875
Rear stop	mm	1.000
Number of support arms	positions	3
Plate thickness(max.) - 700 N/mm <sup>2</sup>	mm	6
Motor rating main drive	kW	22
Weight	kg	9.300
Part No.		422341*

\* Custom Model

### Standard Equipment

Cybelec Touch 8 G controller, CNC controlled blade gap adjustment, CNC-controlled cutting length adjustment, CNC controlled rake angle adjustment, Controlled backgauge, Shadow light cutting line, Squaring arm, Front support arms, Safety system for back working area, Foot pedal with emergency stop switch, Standard upper and lower knife for stainless steel sheets, Operator instructions, Full length finger guard, Energy saving function ECO mode





Hydraulic Shear

## KHT M 3012 NC

Hydraulic swing-beam plate shears with controlled back gauge

- Back gauge with preloaded ball screws gauge
- Pneumatic plate hold-up feature
- Adjustable angular stop

### Specifications KHT M 3012 NC

Plate thickness (max.) - 450 N/mm <sup>2</sup>	mm	12
Plate thickness(max.) - 700 N/mm <sup>2</sup>	mm	8
Working length	mm	3.200
Cutting angle	deg	1,5
Strokes per minute	H/min	14
Number of support arms	positions	3
Motor rating main drive	kW	18,5
Weight	kg	10.800
Part No.		184216



### Standard Equipment

NC control Estun E21S, Pneumatic sheet support, Controlled backgauge, Shadow light cutting line, Front support arms, Foot pedal with emergency stop switch, Manual cutting gap adjustment, Full length finger guard, Safety system for back working area, Standard upper and lower knife for stainless steel sheets, Adjustable angle stop, Operating tools, Operator instructions



Motorized Swing-Beam Shears

## KMT S 2554 NC

Motorized Swing-Beam Shears with controlled back gauge

- NC-controlled back gauge can be easily programmed
- Automatic, semi-automatic and manual mode

### Specifications KMT S 2554 NC

Working length	mm	2.550
Cutting angle	deg	1,3
Plate thickness (max.) - 450 N/mm <sup>2</sup>	mm	0,1 - 4
Plate thickness(max.) - 700 N/mm <sup>2</sup>	mm	2
Motor rating main drive	kW	7,5
Overall dimensions (l x w x h)	m	3,2x2,15x1,45
Weight	kg	3.500
Part No.		132211



### Standard Equipment

BRL NC controller, Motorized rear stop (750 mm), manual blade gap adjustment, Foot pedal with emergency stop switch, Cut-line lighting, Light curtain, Squaring arm, support arms with T-slots and tilting stop, ball bearing front table, top blade with 2 sides, Finger guard, Operator instructions





Motorized Swing-Beam Shears

## KMT B 1304 NC

Motorized Swing-Beam Shears with controlled back gauge

### Specifications KMT B 1304 NC

Working length	mm	1.300
Cutting angle	deg	2,4
Strokes per minute (autom. mode)	H/min	30
Work table height	mm	830
Number of support arms	positions	3
Rear stop	mm	630
Plate thickness (max.) - 450 N/mm <sup>2</sup>	mm	0,8 - 4
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



KMT B 2552 NC is shown



### 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



Motorized Swing-Beam Shears

## KMT B 2052

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

### Specifications KMT B 2052

Working length	mm	2.050
Cutting angle	deg	2
Strokes per minute (automatic mode)	H/min	30
Work table height	mm	830
Number of support arms	positions	3
Rear stop	mm	630
Plate thickness (max.) - 450 N/mm <sup>2</sup>	mm	0,8 - 2
Motor rating main drive	kW	3
Overall dimensions (l x w x h)	m	2,5x1,67x1,1
Weight	kg	1.300
Part No.		133643



KMT B 1254



### 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

**Motorized Swing-Beam Shears**

# KMT S 1553 • 2053

**Motorized guillotine shears with manually positioned back gauge**

- The machine frame is made of a very rigid, solid steel weldment
- The upper knives are reversible for use of both sides, and the lower knives feature 4 cutting edges
- A rigid, continuous hold-down fixes the sheet metal plate right in front of the cut line
- The rigid side angle stop simplifies alignment of the plate to the cut line
- The mobile foot switch gives the operator added flexibility and both hands are free for handling the workpiece
- The back gauge can be positioned precisely via a hand-wheel


**Specifications**

		<b>KMT S 1553</b>	<b>KMT S 2053</b>
Working length	mm	1.550	2.050
Cutting angle	deg	2,05	1,58
Work table height	mm	840	840
Work table depth	mm	390	390
Strokes per minute	H/min	34	34
Plate thickness (max.) - 450 N/mm <sup>2</sup>	mm	0,1 - 3	0,1 - 3
Plate thickness(max.) - 700 N/mm <sup>2</sup>	mm	1,5	1,5
Motor rating main drive	kW	3	4
Overall dimensions (length x width x height)	m	2,15x2,15x1,31	2,7x2,15x1,31
Weight	kg	1.550	1.750
Number of support arms	positions	2	3
Support arms	mm	940	940
Rear stop	mm	750	750
Part No.		133611	133612


**Standard Equipment**

Foot pedal with emergency stop switch, Cut-line lighting, Squaring arm, support arms with T-slots and tilting stop, manual 750 mm backgauge, ball bearing front table, Light curtain, top blade with 2 sides, Finger guard, Operator instructions

Hydraulic Structural Steel Cutters

## HPS 60 H

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



Back gauge with automatic cut activation

HPS 65 H is shown

### Specifications

### HPS 60 H

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



See this machine  
in action on  
YouTube



- For strip steel, flat steel, wide flat steel
- Table with angular and linear stops
- Adjustable hold-down
- Lower knife provides 4 cutting edges
- For angle steel sections
- Cut angle 90° and 45°
- Adjustable material guide plate
- Including swivel boom
- For use on Flat Steel, Angular Steel and Rod Steel Stations
- For punching round holes and slots in sheet metals, flat steel and U-section steel
- Infinitely variable stroke adjustment
- Rigid support table with adjustable stops



### 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



CNC Press Brake

## AHK H 30100 CNC

Excellent price/performance ratio - unsurpassed combination of power

- Delem controller for advanced bending solutions
- Laser-optical safety system on the tool

### Specifications AHK H 30100 CNC

Pressure force	t	100
Brake length	mm	3.100
Travel in X-axis	mm	700
Rapid feed	mm/s	130
Motor rating main drive	kW	11
Overall dimensions (l x w x h)	m	3,95x1,9x2,76
Weight	kg	8.000
Part No.		182624



Shown with optional equipment

### Standard Equipment

Delem 53 T 2D touch control, X-axis back gauge with servo motor, Manual crowning for lower table, Quick-action clamping for upper die, European tool clamping system, European type bottom tool, European type upper tool, AKAS LC II M FMSC Laser safety system, Light barrier for the back side, Front support arms, Hight adjustable back-gauge fingers, Foot pedal with e-stop switch, Operator instructions



CNC Press Brake

## AHK H 30175 CNC

- Press brake with extensive standard equipment

- Delem controller for advanced bending solutions
- 4-axes CNC standard for large range of operations

### Specifications AHK H 30175 CNC

Pressure force	t	175
Brake length	mm	3.100
Travel in X-axis	mm	700
Rapid feed	mm/s	120
Motor rating main drive	kW	18,5
Overall dimensions (l x w x h)	m	3,95x1,98x2,85
Weight	kg	11.000
Part No.		423530*

\* Custom Model



Shown with optional equipment

### Standard Equipment

Delem DA66T 2D control, X-axis back gauge with servo motor, motorized crowning, Quick-action clamping for upper die, AKAS LC II M FMSC Laser safety system, Light barrier for the back side, Front support arms, Foot pedal with e-stop switch, Operator instructions, EUROPEAN TYPE Upper tool ( 805 mm segmented ) H:105mm 85°, European type bottom tool, 2 back gauge, European tool clamping system, Backgauge system for X- and R-axis, Extension backgauge X-axis, additional backgauge finger (piece)





NC Press Brake

## AHK M 1230 NC

Compact bending solution with motorized R-axis

### Specifications AHK M 1230 NC

Pressure force	t	30
Brake length	mm	1.250
Travel in X-axis	mm	500
Rapid feed	mm/s	120
Motor rating main drive	kW	3
Overall dimensions (l x w x h)	m	1,76x1,38x2,14
Weight	kg	1.700
Part No.		182640



See this machine  
in action on  
YouTube



### Standard Equipment

Weintek 7" NC-control, Motorized backgauge X-axis, motorized backgauge R-axis, european type bottom tool 4V, Upper tool H European style H = 67 mm (segmented), Laseroptisches Sicherheitssystem, Light curtain, sliding front support arms (2 pcs), Foot pedal with emergency stop switch, Operator instructions

NC Press Brake

## AHK M 1230 NC

Compact bending solution with motorized R-axis

- NC control with touch-screen HMI
- Back gauge with X and R axes

### Specifications AHK M 1230 NC

Pressure force	t	30
Brake length	mm	1.250
Travel in X-axis	mm	500
Rapid feed	mm/s	120
Motor rating main drive	kW	3
Overall dimensions (l x w x h)	m	1,76x1,38x2,14
Weight	kg	1.700
Part No.		422338*

\* Custom Model



### 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

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	30/5
Working length	mm	1.550	2.050	3.050
Plate thickness (max.) - 450 N/mm <sup>2</sup>	mm	8	6	5
max. plate thickness with prebending	mm	7	5	4
Bending diameter (min.)	mm	255	255	300
Roll diameter	mm	170	170	200
Motor rating main drive	kW	4	4	4
Overall dimensions (length x width x height)	m	3,35x0,72x1,05	3,85x0,72x1,05	5,2x0,95x1,3
Weight	kg	1.850	2.100	4.000
Part No.		130780	130781	130786



### 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



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



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		10/5,0	12/4,0	15/3,0	20/4,0
Working length	mm	1.050	1.250	1.550	2.050
Plate thickness (max.)	mm	5,5	4,5	3,5	4,5
Max. plate thickness for bending	mm	5	4	3	4
Bending diameter (min.)	mm	190	175	150	210
Roll diameter	mm	130	120	110	140
Motor rating main drive	kW	2,2	2,2	2,2	2,2
Overall dimensions (length x width x height)	m	1,82x0,9 x1,2	2,02x0,85 x1,15	2,62x0,85 x1,15	3,24x0,9 x1,2
Weight	kg	1.220	1.250	1.220	1.530
Part No.		131961	131963	131965	131968



### Standard Equipment

hardened rollers, conical bending feature



3-Roller Roll Bender

## KRM T 10/5,0

Modern and user-friendly machine

- Asymmetrical structure
- Main motor with brakes
- Hardened rollers with wire insertion grooves
- Conical bender
- Quick adjusting rolls (motor-driven, option)

### Specifications KRM T 10/5,0

Working length	mm	1.050
Plate thickness (max.) - 450 N/mm <sup>2</sup>	mm	5
Roll diameter	mm	130
Roller speed	m/min	3,5
Motor rating main drive	kW	2,2
Overall dimensions (l x w x h)	m	2,2x0,75x1
Weight	kg	1.200
Part No.		131981

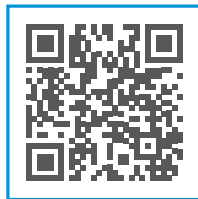


Fig. similar

### Standard Equipment

Conical bending feature, Hardened rollers, wire insert groove, Emergency stop safety rope, searate control panel with foot switch, side cover, Operator instructions



3-Roller Roll Bender

## KRM T 10/5,0

Modern and user-friendly machine

- With digital display

### Specifications KRM T 10/5,0

Working length	mm	1.050
Plate thickness (max.) - 450 N/mm <sup>2</sup>	mm	5
Roll diameter	mm	130
Roller speed	m/min	3,5
Motor rating main drive	kW	2,2
Overall dimensions (l x w x h)	m	2,2x0,75x1
Weight	kg	1.200
Part No.		423535*

\* Custom Model



Fig. similar

### Standard Equipment

Back roll with motor, Digitalanzeige für Hinterwalzenverstellung, Conical bending feature, Hardened rollers, wire insert groove, Emergency stop safety rope, searate control panel with foot switch, side cover, Operator manual





Folding Machine

## SBS E 3020/1,2

Heavy manual folding machine with segmented upper tool

### Specifications SBS E 3020/1,2

Working length	mm	3.020
Plate thickness (max.)	mm	1,2
Working height	mm	920
Stroke	mm	120
Bending angle (max.)	deg	135
Adjustment range for A axis	mm	15
Overall dimensions (l x w x h)	m	3,8x0,72x1,5
Weight	kg	1.385
Part No.		131372



See this machine  
in action on  
YouTube



### Standard Equipment

Segmented sharp nose tool type upper die, Operator manual



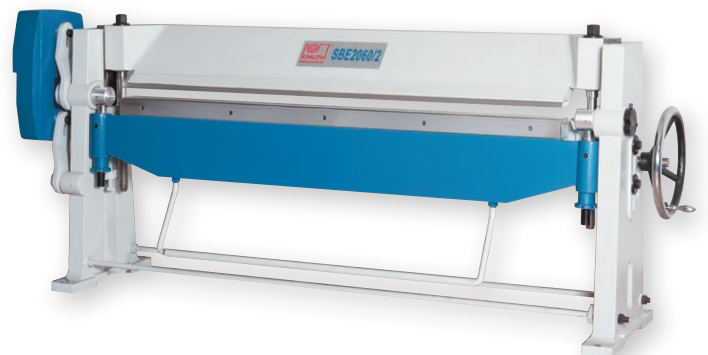
Folding Machine

## 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



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



### Standard Equipment

male die, operator manual

Hydraulic Ring and Profile Bender

## KPB 61 • 81

Powerful Production Machine for complex bending tasks



KPB 81 shown incl. optional accessories  
hydraulically controlled straightening rollers



KPB 61 shown

- 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

### Specifications

		KPB 61	KPB 81
Shaft Ø	mm	60	80
Roll Ø	mm	177	245
Bending speed	m/min	6,4	4,2
Driven roll	positions	3	3
Motor rating hydraulic pump	kW	4	5,5
Overall dimensions (length x width x height)	m	1,26x0,94x1,39	1,38x1,04x1,54
Weight	kg	1.080	1.600
Part No.		131194	131200



### Standard Equipment

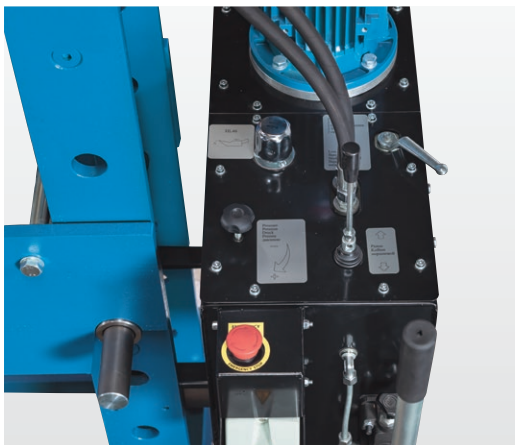
Digital display, control panel, standard rollers, operating tools, operator manual

Hydraulic Workshop Presses

## KNWP 200 HM

Hydraulic Shop Press with double-acting cylinder

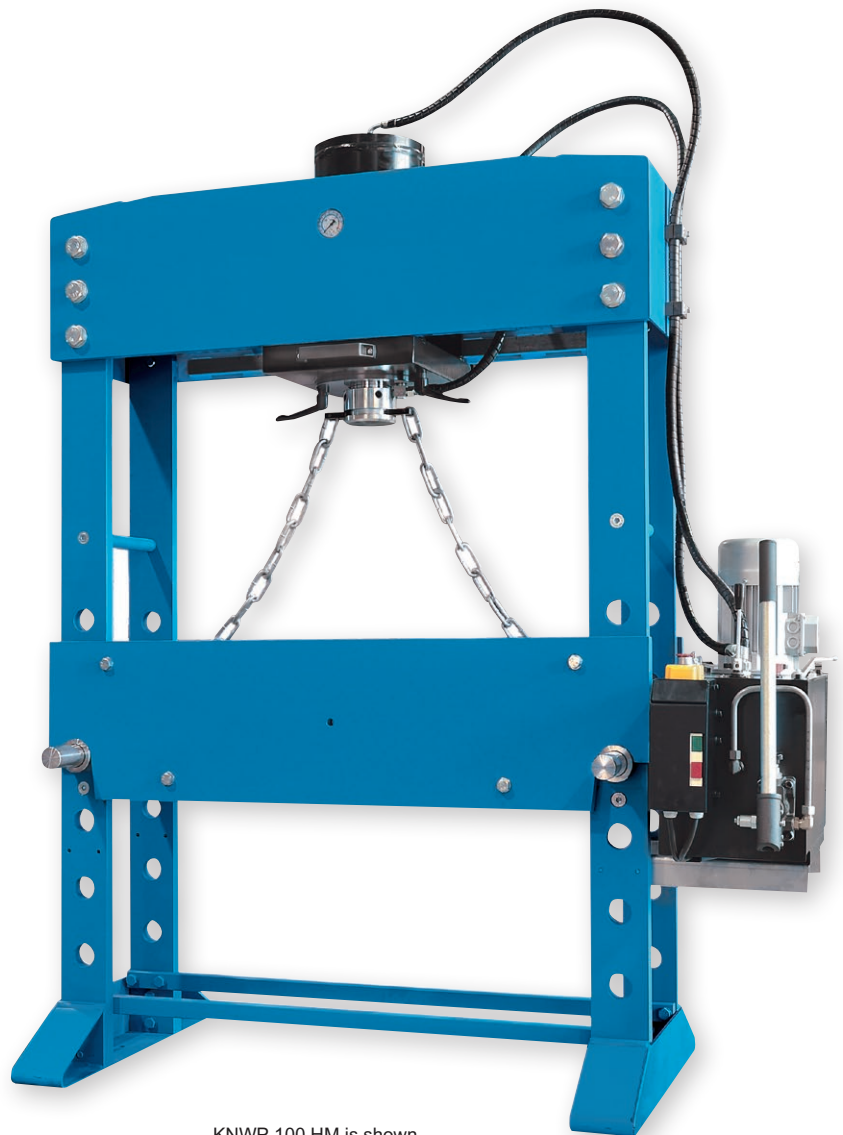
- Multiple sizes available from 60-200 tons
- Ideal for repair and assembly work
- Truing of axles, supports, shafts and much more
- For removal and pressfitting bearings and bushings
- 2-step hydraulic unit
- Supply voltage 3x400 V / 50 Hz
- Work cylinder with smooth horizontal adjustment
- Press frame features high rigidity, functionality and excellent finish



The press is operated via joystick



Table height can be adjusted easily via hydraulic lifting gear



KNWP 100 HM is shown

### Specifications KNWP 200 HM

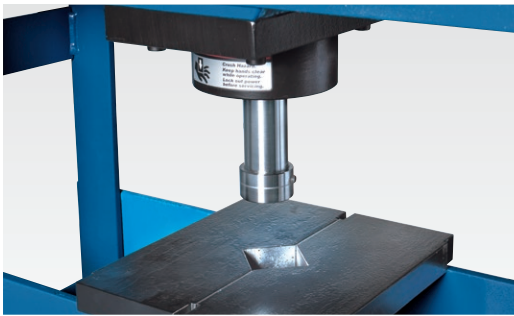
Pressure force	t	200
Operating pressure (max.)	bar	243
Stroke	mm	400
Forward motion speed	mm/s	5,73
Press speed	mm/s	1,84
Return speed	mm/s	7,08
Throat width	mm	1.300
Motor rating hydraulic pump	kW	3
Hydraulic tank volume	l	64
Weight	kg	1.690
Part No.		131747



Hydraulic Workshop Presses

## KNWP 30 M

Ideal for craft shops, schools and training facilities



V-shaped support set



Foot control (KNWP 30 / 50 M) only

### For any repair and installation work, e.g.:

- removal and installation of press-fit bearings, bolts and bushings
- straightening beams, shafts, axles and sections
- pressing and crimping
- load tests and weld sample testing
- straightening of workpieces
- material testing

### Specifications KNWP 30 M

Pressure force	t	30
Operating pressure (max.)	bar	374,6
Total piston stroke	mm	160
Throat width	mm	565
Hydraulic tank volume	l	1,65
Weight	kg	150
Part No.		131741



KNWP 30 M is shown



See this machine  
in action on  
YouTube



- rigid machine frame featuring a carefully machined weldment structure
- 2-step hydraulics - with change-over switch for changing between quick-stroke and work stroke
- hydraulic pump can be operated by hand or foot control (KNWP 30 / 50 M)
- Automatic reset of piston, controllable by user via throttle valve and spring
- the support table features a rigid design, but is easy to handle with adjustable height
- Includes multi-function die for straightening flat material and corrugation
- Hydraulic cylinder with side adjustments (KNWP 30/50 M)





## Hydraulic H-Frame Press

# KP 100 A

Solid press with large table for bending and punching

- Made in Europe - perfectly welded frame steel construction for high rigidity, designed for maximum machine force
- Hydraulic presses are extremely versatile due to their distance/time flexibility of the stroke



- A large hydraulic cylinder moves the thick ram plate, stabilized by heavy-duty self-lubricating circular guides
- Work table and ram plate feature T-slots for tool clamping
- A mobile control panel provides flexibility, while additional controls are easily accessible integrated in the control cabinet
- The hydraulic system is designed as stand-alone unit for low maintenance and optimum thermal balance
- 2-step hydraulic pump for fast rapid feeds and optimum stroke speeds
- Precision-machined cylinder surfaces and high-quality seals ensure low wear and long lasting reliability
- All components are made according to strict standards, and the entire construction meets European safety guidelines

### Specifications KP 100 A

Pressure force	t	100
Table dimensions	mm	900x600
Stroke	mm	500
Ram-plate size	mm	700x350
Throat width	mm	1.050
Stroke speed	mm/s	4
Rapid feed	mm/s	26
Motor rating	kW	4
Overall dimensions (l x w x h)	m	2,08x1,05x2,26
Weight	kg	2.300
Part No.		131502



### Standard Equipment

Two-hand control panel, adjustable stops for up/downstroke, Pressure gauge, movable upper table with 2 guides and T-slots, Automatic operation, automatic cylinder return, Siemens PLC, hydraulic unit with 2 speed automatic change, pressure switch, Timer, Operator manual

Hydraulic C-Frame Press

## HPK 100 A

Automatic presses with large work table and ram plate



The workspace is protected by light curtains

- Made in Europe - perfectly welded C-frame steel construction for high rigidity, designed for maximum machine force
- Large ram plates and work tables to ensure large tools or multiple setups
- Hydraulic presses are extremely versatile due to their distance/ time flexibility of the stroke
- A powerful hydraulic cylinder and two self-lubricating circular guides ensure precise and uniform feed of the ram plate during press operations
- Precision-machined cylinder surfaces and high-quality seals ensure low wear and long lasting reliability
- Rapid adjustment of stroke length via easy to set stops
- Space saving hydraulic system located accessibly inside the frame

### Specifications

		HPK 100 A
Pressure force	t	100
Table dimensions	mm	800x600
Stroke	mm	500
Ram-plate size	mm	700x350
Throat	mm	300
Stroke speed	mm/s	4
Rapid feed	mm/s	25
Motor rating	kW	4
Overall dimensions (l x w x h)	m	1,9x1,2x2,6
Weight	kg	3.400
Part No.		423507*

### Standard Equipment

Two-hand control panel, adjustable stops for up/downstroke, Pressure gauge, Light curtain L = 1,000 mm, upgrade to Siemens KTP 700 Basic digital control, movable upper table with 2 guides and T-slots, Automatic operation, automatic cylinder return, Siemens PLC, hydraulic unit with 2 speed automatic change, pressure switch, Timer, Operator manual





Your Global Partner  
for Metalworking Solutions

- Lathes
- Milling Machines
- Grinding Machines
- Drilling Machines
- Industrial Saws
- EDM Machines
- Laser Cutting Machines
- Plasma Cutting Machines
- Presses
- Sheet Metal Processing
- Tubes and Profile Processing



#### Service without compromise

#### We ensure that your production runs smoothly

Our one-stop service by our qualified staff: fast and professional.

A network of suppliers for spare and wear parts and our main warehouse at our headquarters in Wasbek also guarantee high availability.



#### KNUTH Machines in Action

Look us up on YouTube to experience our machines in action before the real-life test on site.

**Subscribe to our YouTube channel - Go to KNUTH Machine Tools!**





## Everything for metalworking under one roof

In 16.000 m<sup>2</sup> of exhibition area at our company head office in Wasbek, customers will find machines and technologies from all areas of machining and sheet metal working ready for demonstration and available for delivery at short notice.



**Open for you 24/7:** Take a virtual tour through our warehouses, spare parts warehouses and workshop with Google Street View.





## Visit KNUTH Machine Tools!

At our company headquarters, we present you on 16.000 m<sup>2</sup> of exhibition space machines and technologies from the entire spectrum of metalworking.

## Book your machine demonstration!

We have over 900 machines in stock - many of them ready for demonstration.

We present the whole world of metalworking - from machining and forming to cutting.



### Conventional

Universal workshop machines for turning, milling, drilling, sawing and grinding. For repair, training, one-off production and industry.

### CNC Machining

Vertical CNC machining centers, horizontal CNC lathes for individual and small series production.

### Cutting Systems

We present the latest cutting technologies under one roof: plasma and laser cutting.

### Sheet Metal Working Machines

Machines for flexible sheet metal and tube processing. In addition to press brakes and guillotine shears, we will be exhibiting folding and round bending machines as well as hydraulic presses.