

# Szerszámgépek német raktárból, azonnal

A katalógusban feltüntetett raktári árak árpilis 30-ig, vagy a készlet erejéig érvényesek.

**Árak a katalógusban! ↓**







**Megbízható szerszámgépek**  
**Teljeskörű magyar szervizzel**



### **25 éve a magyar piacon**

- több száz eladott gép
- 500 elégedett vevő
- 24 órás pótalkatrész ellátás

### **Hibabejelentés:**

- Tel: +36 70 622 7401



### **KNUTH gépek **LIVE****

#### **Nézz meg élőben!**

Tesztelje együtt a szakemberekkel, és győződjön meg gépeink minőségéről és előnyeiről. Semmi sem meggyőzőbb, mint a saját tapasztalat.



### **KNUTH gépek működés közben**

#### **Keressen fel minket a YouTube-on!**

Nézz meg gépeinket működés közben, a helyszíni teszt előtt.

Iratkozzon fel YouTube csatornánkra.



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#### TECHNICAL SPECS

Workpiece length (max.)	430 mm
Turning diameter over bed	400 mm
Speed range	50 - 3000 1/min
Main motor rating	15 / 11 kW
Weight	3340 kg

## CNC Slant Bed Lathes Roturn 400 C

Price:  
**55.900€**

Compact CNC lathe for series production with Siemens CNC control and tailstock

- Powerful main spindle motor
- 8 station tool turret
- Includes chip conveyor
- Siemens 828 control
- Chuck with through-hole



#### STANDARD EQUIPMENT

Siemens 828 D control, Hydr. tailstock, Automatic central lubrication, Chain-type chip conveyor, Heat Exchanger for electric control cabinet, Closed work space, LED work lamp, Coolant system, Air gun, Coolant system flush gun, Operating tools, Operator manual

Additional options available upon request.



#### TECHNICAL SPECS

Workpiece length (max.)	280 mm
Turning diameter over bed	200 mm
Turning-Ø over support	90 mm
Speed range	100 - 3000 1/min
Motor rating main drive	1 kW
Weight	360 kg

## CNC Slant Bed Lathes LabTurn 2028 CNC

Price:  
**24.500€**

Compact mobile inclined-bed lathe with Siemens CNC control and tool turret for training and model construction

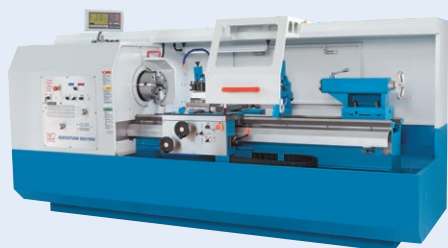
- Siemens 808 Advance is the ideal introductory machine
- Tool turret for inside and outside machining
- Linear guides and preloaded ball screws on all axes
- Enclosed machine housing
- Mobile machine base with ample storage space



#### STANDARD EQUIPMENT

Siemens 808D Advance control, Electronic hand-wheel, 8-station turret, Mobile base, Tailstock, 3-jaw chuck Ø 100 mm, Central lubrication, Work lamp, Operating tools, Operating manual and programming instructions

Additional options available upon request.



#### TECHNICAL SPECS

Center width	950 - 1950 mm
Turning diameter over bed	500 mm
Turning-Ø over support	300 mm
Motor rating main drive	6 - 9 kW
Weight	2850 - 3450 kg

## Conventional Horizontal Lathes Servoturn Series

Starting at:  
**34.700€**

High efficiency conventional turning solution with the precision and dynamics of modern CNC machines

- Servo-feed system
- Preloaded ball screws on all axes
- Electronic hand-wheels
- Position indicator with V-constant feature
- Quick change tool holder



#### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, 3-jaw chuck Ø 250 mm, Electronic hand-wheels, Steady rest, Follow rest, Coolant system, Fixed splash guard (wall), Traveling cover for the toolpost, Work lamp, Operating tools, Operator instructions

Additional options available upon request.



Conventional Horizontal Lathes

**Sinus D Series**

Starting at:

**32.500€**

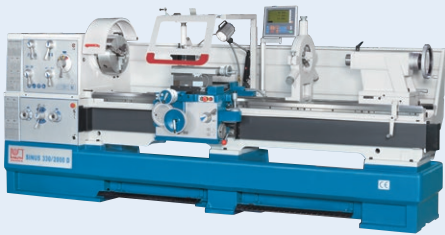
Classic design with extensive standard equipment, including 3 axis read out, and taper turning

- One-piece heavy-duty cast bed for increased rigidity
- Sturdy headstock design with large spindle bearings
- Rapid feed on 2 axes for fast positioning
- Taper turning attachment for additional applications
- Well-designed safety functions

**STANDARD EQUIPMENT**

3-axis position indicator X.Pos 3.2, 3-jaw chuck Ø 315 mm, 4-jaw face plate chuck Ø 400 mm, Dog plate, 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, Rapid feed on Z and X axes

Additional options available upon request.



**TECHNICAL SPECS**

Workpiece length (max.)	1500 - 3000 mm
Turning diameter over bed	660 - 800 mm
Turning-Ø over support	440 - 570 mm
Spindle speed	25 - 1600 1/min
Motor rating main drive	7,5 kW
Weight	2800 - 3870 kg

Conventional Horizontal Lathes

**Turnado 280/1500 PRO**

Price:

**30.900€**

Top model of the Turnado series with infinitely variable spindle speed and constant cutting speed, as well as rapid traverse and modern ergonomic design

- Infinitely variable speed range
- Apron with rapid feed motor
- Extensive standard equipment
- Constant cutting speed



**STANDARD EQUIPMENT**

3-axis position indicator, X.pos 3.2 VC, Rapid traverse for X- and Z-axis, Follow and steady rests, Coolant system, Micrometer longitudinal stop, Thread gauge, Reducing sleeve, Dead center, Traveling cover for the toolpost, Chuck guard, Foot brake pedal, Fixed splash guard (wall), Work light, Toolbox with operating tools, Operator instructions

Additional options available upon request.

**TECHNICAL SPECS**

Center width	1500 mm
Turning-Ør over bed	560 mm
Turning-Ø over support	355 mm
Speed range, low	25 - 200 1/min
Speed range, high	200 - 1600 1/min
Motor rating main drive	7,5 kW
Weight	1720 - 2370 kg

Conventional Horizontal Lathes

**Turnado 230/1000 V const**

Price:

**23.900€**

Our classic with powerful, infinitely variable drive, constant cutting speed in proven heavy-duty design for long-lasting precision and reliability

- Infinitely variable adjustable rotation range
- Classic design with rigid construction = built to last
- One-piece heavy-duty cast-iron bed for increased rigidity
- 3-axis position indicator with multiple turning functions
- Adjustable longitudinal stops with automated feed shut-off



**STANDARD EQUIPMENT**

3-axis position indicator, X.pos 3.2 VC, Coolant system, Follow and steady rests, Adjustable feed stoppers, Fixed splash guard (wall), Chuck guard, Foot brake pedal, Work light, Reducing sleeve, Dead center, Thread gauge, Micrometer longitudinal stop, Protective shield for the toolpost, Toolbox with operating tools, Operator instructions

Additional options available upon request.

**TECHNICAL SPECS**

Workpiece length (max.)	1000 mm
Turning-Ør over bed	460 mm
Turning-Ø over support	224 mm
Spindle speeds	L 30-600 / H 600-3000 1/min
Motor rating main drive	7,5 kW
Weight	1720 kg



#### TECHNICAL SPECS

Workpiece length (max.)	1000 mm
Turning-Ør over bed	460 mm
Turning-Ø over support	224 mm
Spindle speeds	(12) 25 - 2,000 1/min
Motor rating main drive	5,5 kW
Weight	1720 kg

Other machines in this series → [www.knuth.com](http://www.knuth.com)

## Conventional Horizontal Lathes Turnado 230/1000

Price:  
**18.900€**

Proven classic with extensive standard equipment and powerful motor

- Classic design with sturdy construction
- One-piece heavy casted bed for increased rigidity
- 3-axis position indicator with various turning functions
- Adjustable feed stoppers for longitudinal feed
- Extensive standard equipment package



#### STANDARD EQUIPMENT

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

Additional options available upon request.



#### TECHNICAL SPECS

Center width	1000 - 1500 mm
Turning diameter over bed	380 mm
Speed range, high	550 - 3000 1/min
Speed range, low	30 - 550 1/min
Motor rating main drive	5,5 kW
Weight	1200 - 1800 kg

## Conventional Horizontal Lathes V-Turn Series

Starting at:  
**18.900€**

Best selling machine class featuring constant cutting speed and extensive package of accessories

- Constant cutting speed
- High spindle speed and motor power
- Extensive standard equipment
- Roller bearing from world-leading manufacturer NSK



#### STANDARD EQUIPMENT

3-axis position indicator, X.pos 3.2 VC, 4-jaw face plate chuck Ø 250 mm, Face plate Ø 350 mm, Quick change tool holder head WB, Quick change tool holder WBD 25120, Coolant system, Steady rest, Follow rest, Turret stop, Micrometer stop, Chip tray, Fixed splash guard (wall), Protective shield for the toolpost, Chuck guard, Foot brake pedal, Work light, Reducing Sleeve, Dead center, Thread gauge, Toolbox with operating tools, Operator instructions

Additional options available upon request.



#### TECHNICAL SPECS

Center width	1000 mm
Turning diameter over bed	356 mm
Speed range, high	550 - 3000 1/min
Speed range, low	30 - 550 1/min
Motor rating main drive	4 kW
Weight	880 kg

## Conventional Horizontal Lathes Basic 180 V

Price:  
**14.900€**

With extra wide bed, infinitely variable spindle speed and constant cutting speed

- Largest bed width in this machine class
- Constant cutting speed
- High spindle speed and motor power
- Extensive standard equipment for a wide range of applications



#### STANDARD EQUIPMENT

3-axis position indicator, X.pos 3.2 VC, Quick change tool holder head WE, Quick change tool holder WED 20100, 4-jaw face plate chuck Ø 200 mm, Face plate Ø 320 mm, Steady and follow rests, Coolant system, Micrometer stop, Thread gauge, Reducing sleeve, Dead center, Protective shield for the toolpost, Chuck guard, Foot brake pedal, Fixed splash guard (wall), Work light, Chip tray, Toolbox with operating tools, Operator instructions

Additional options available upon request.

Conventional Horizontal Lathes

**Basic 170 Super Pro**

Price:

**10.700€**

Top model of the mechanic's lathes, perfect for workshop and training with complete equipment and modern ergonomics.

- Modern ergonomic design
- Large spindle bore
- Machine base with storage space
- Extensive standard equipment
- Coolant system



**STANDARD EQUIPMENT**

3-axis position indicator X.Pos 3.2, Quick change tool holder head WE, Quick change tool holder WED 20100, 3-jaw-chuck 178 mm, 4-jaw face plate chuck Ø 200 mm, Face plate Ø 280 mm, Steady and follow rests, Coolant system, Micrometer stop, Reducing sleeve, Dead center, Traveling cover for the toolpost, Fixed stainless steel safety cover for tension and lead screw, Chuck guard, Foot brake pedal, Fixed splash guard (wall), Work light, Chip tray, Toolbox with operating tools, Operator instructions

Additional options available upon request.

Conventional Horizontal Lathes

**Basic 170 Super**

Price:

**8.390€**

Solid precision bench lathe with large center width

- Compact design for small footprint
- Extensive standard equipment for a wide range of applications
- 3-axis position indicator with turning functions



**STANDARD EQUIPMENT**

3-axis position indicator X.Pos 3.2, Quick change tool holder head WE, Quick change tool holder WED 20100, 3-jaw chuck Ø 160 mm, 4-jaw face plate chuck Ø 200 mm, Face plate Ø 280 mm, Steady and follow rests, Micrometer stop, Thread gauge, Reducing sleeve, Dead center, Protective shield for the toolpost, Chuck guard, Foot brake pedal, Fixed splash guard (wall), Work light, Chip tray, Toolbox with operating tools, Operator instructions

Additional options available upon request.

Conventional Horizontal Lathes

**Basic Plus**

Price:

**7.290€**

Best-selling entry-level lathe with extended list of standard accessories, also ideal for training

- Robustness and precision
- Compact design with small footprint
- Extensive standard equipment
- Quick change tool holder
- Assembled 3-axis position indicator



**STANDARD EQUIPMENT**

3-axis position indicator X.Pos 3.2, Quick change tool holder head WA, Quick change tool holder WAD 1675, 3-jaw chuck Ø 160 mm, 4-jaw face plate chuck Ø 200 mm, Face plate Ø 250 mm, Steady and follow rests, Micrometer stop, Thread gauge, Reducing sleeve, Dead center, Protective shield for the toolpost, Chuck guard, Fixed splash guard (wall), Work light, Toolbox with operating tools, Operator instructions

Additional options available upon request.



**TECHNICAL SPECS**

Center width	1000 mm
Turning diameter over bed	360 mm
Spindle speed	70 - 2000 1/min
Motor rating main drive	1.5 kW
Weight	650 kg



**TECHNICAL SPECS**

Center width	1000 mm
Turning diameter over bed	330 mm
Spindle speed	70 - 2000 1/min
Motor rating main drive	1,5 kW
Weight	520 kg



**TECHNICAL SPECS**

Center width	810 mm
Turning diameter over bed	300 mm
Turning-Ø over support	178 mm
Spindle speed	60 - 1550 1/min
Motor rating main drive	1,1 kW
Weight	520 kg



#### TECHNICAL SPECS

Table dimensions	1300 x 600 mm
Travel X-axis	1220 mm
Spindle speed	10000 1/min
Spindle mount	BT 40 - SK 40 ISO 7388-1 (DIN 69871)
Main drive, continuous load	12 kW
Weight	6500 kg

## Vertical Machining Centers VECTOR 1200 M SI

Price:  
**114.900€**

Premium milling solution for mould making and production with extensive customisation and automation options

- Available with Siemens or Heidenhain controller
- Spindle on multiple bearings ensures minimal vibrations
- 30-bar CTS to ensure optimum machining quality
- Designed for multi-shift operation
- Many customization and automation possibilities
- 2-year standard warranty



#### STANDARD EQUIPMENT

Siemens 828D control with Shopmill, Coolant through spindle 30 bar with double filter, 24-station tool changer with dual-arm, , 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, Work lamp, 3-color signal lamp, CF card reader, Totally enclosed work space, Coolant system, Adjustable machine feet, Operating tools, Operator instructions, Preparation for Renishaw TS 27 R

Additional options available upon request.



#### TECHNICAL SPECS

Table dimensions	1100 x 550 mm
Travel X-axis	1000 mm
Spindle speed	10000 1/min
Spindle mount	SK 40 ISO 7388-1 (DIN 69871)
Motor rating main drive	9 kW
Weight	4600 kg

## Vertical Machining Centers X.mill T 1000 Si

Price:  
**69.900€**

Compact all-in-one solution for complex solutions and powerful 3-axis machining

- Optimized frame design using FEM analysis
- Extra wide Y-shaped column for increased rigidity
- Ø32 mm C3 preloaded ball screws for high accuracy
- Available with Siemens or Fanuc control
- High customization and automation possibilities



#### STANDARD EQUIPMENT

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

Additional options available upon request.



#### TECHNICAL SPECS

Table dimensions	600 x 300 mm
Travel X-axis	400 mm
Spindle speed	8000 1/min
Spindle mount	BT 40 JIS (MAS 403)
Motor rating main drive	3,7 kW
Weight	2200 kg

## Vertical Machining Centers X.mill 400 (BT40)

Price:  
**36.900€**

Excellent entry level vertical machining center for training or educational purposes.

- Compact design with small footprint
- Built to last robust machine body
- Oil cooled powerful main spindle
- Air-conditioned electrical cabinet



#### STANDARD EQUIPMENT

Work lamp, Automatic central lubrication, Operating tools, Operator instructions, Electronic hand-wheel, Enclosure, Coolant system, Air gun, levelling pads and bolts, Siemens 808D Advance control, Operational health status indicator, 12-station automatic tool changer

Additional options available upon request.



## Conventional Vertical Milling Machines **Servomill® UWF Series**

Starting at:  
**62.900€**

Heavy-duty servo-conventional knee milling machine with HURON-type universal cutter head, large work table and advanced functions

- Large work area and high drive capacity
- Servo-conventional feed technology
- Preloaded ball screws on all axes
- Electronic hand-wheels
- Universal cutter head with 2 swivel axes



### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, Electronic hand-wheels, LED work lamp, Central lubrication, Coolant system, Operating tools, Operator manual

Additional options available upon request.

## Conventional Vertical Milling Machines **Servomill® 700**

Price:  
**39.900€**

Servo-conventional model with vertical milling head, swiveling top beam and advanced functions

- Swiveling cutter head with quill feed
- Pneumatic tool tightening system
- Infinitely variable spindle speed
- Servo-conventional feed technology
- Preloaded ball screws for all axes
- Electronic hand-wheels



### 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

Additional options available upon request.

## KNUTH on YouTube Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?  
Please feel free to contact us!**



### TECHNICAL SPECS

Table dimensions	1600 x 500 mm - 2000 x 500 mm
Travel X-axis	1200 - 1400 mm
Speed range (2)	30-390 / 390-2050 1/min
Spindle mount	SK 50 DIN 2080
Weight	4500 - 5000 kg



### TECHNICAL SPECS

Table set up area	1370 x 300 mm
Travel X-axis	680 mm
Spindle mount	SK 40 DIN 2080
Speed range (infinitely variable, back gear ranges)	50 - 4000 1/min
Weight	1800 kg

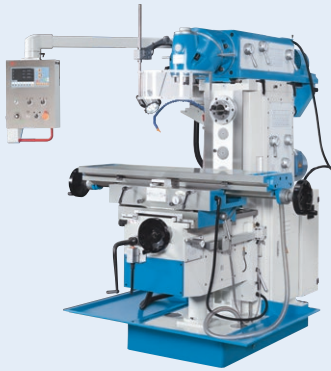


Servomill® UWF 12



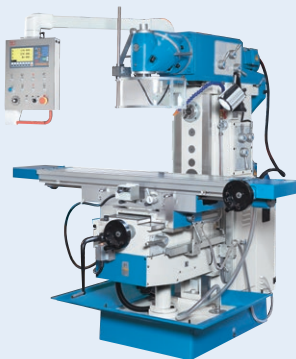
#### TECHNICAL SPECS

Table set up area	2100 x 500 mm
Travel X-axis	1500 mm
Spindle speed (vertical)	35 - 1345 1/min
Spindle mount	ISO 50
Weight	7300 kg



#### TECHNICAL SPECS

Table dimensions	1325 x 360 mm
Travel X-axis	750 mm
Speed range	60 - 1750 1/min
Spindle mount	SK 50 DIN 2080
Weight	2850 kg



#### TECHNICAL SPECS

Table set up area	1370 x 320 mm
Travel X-axis	1000 mm
Spindle mount	SK 40 DIN 2080
Spindle speed (vertical)	45 - 1660 1/min
Spindle speed (horizontal)	35 - 1500 1/min
Motor rating horiz./ vert.	3 kW
Weight	1950 kg

## Conventional Vertical Milling Machines KB 2100

Price:  
**81.900€**

Heavy-duty bed-type milling machine with universal milling head in Huron design for demanding cutting operations

- Large work area
- Infinitely variable feed
- Universal cutter head with 2 swivel axes
- Horizontal milling with outer arbor support
- Extensive standard equipment



#### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, Universal swivel head, Coolant system, Draw bar, 1 set- milling chuck set ISO 50 (4, 6, 8, 12, 16, 18, 22, 26mm), Cutter arbor ISO 50 Ø 40 mm, Horizontal arbor holder, Horizontal arbor Ø 32 mm, Work lamp, Operating tools, Foundation bolts M12 x 500 mm, Operator instructions

Additional options available upon request.

## Conventional Vertical Milling Machines UWF 5

Price:  
**27.900€**

Heavy console milling machine with stable SK 50 spindle in the universal milling head, horizontal milling spindle, as well as swivel table and automatic feed in all axes.

- Universal cutter head swivels on 2 levels
- Horizontal milling spindle with its own drive
- Swiveling milling table
- Automatic feed in all axes with rapid feed
- Extensive standard equipment



#### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, Reducing sleeve ISO 50 / MT4, Milling arbors (27, 32 mm), Outer arbor support for horizontal milling, Collet chuck ISO 50 incl. collets 3-25mm (8 pieces), Coolant system, Work lamp, Chip tray, Draw bar, Operating tools, Operator instructions

Additional options available upon request.

## Conventional Vertical Milling Machines UWF 3.2

Price:  
**23.900€**

With universal type milling head, automatic feed on all axis, swiveling table and horizontal spindle

- Universal cutter head swivels on 2 levels
- Outer arbor support for horizontal milling
- Swiveling milling table
- Servo-feed on all axes with rapid feed
- Extensive standard equipment



#### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, Collet chuck with collets (4,5,6,8,10,12,14,16 mm diam.), Horizontal arbor Ø 27 mm, Outer arbor support for horizontal milling, Chip tray, Coolant system, Central lubrication, M16 draw bar, LED work lamp, Operating tools, Operator instructions

Additional options available upon request.

# Conventional Vertical Milling Machines

## UWF 1.1

Featuring universal type milling head and automatic feed on X and Y axis

- Universal cutter head swivels on 2 levels
- Outer arbor support for cutter head during horizontal milling
- Servo-feed on X and Y axes
- Extensive standard equipment

### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, Outer arbor support for horizontal milling, Milling chuck with collets 4,5,6,8,10,12,14,16 mm, Long cutter arbor Ø 32 mm, Coolant system, LED work lamp, Operator instructions

Price:  
**17.900€**



Additional options available upon request.



### TECHNICAL SPECS

Table set up area	1120 x 260 mm
X-axis travel	600 mm
Spindle speed (vertical)	45 - 1660 1/min
Spindle mount	SK 40 DIN 2080
Weight	1480 kg

# Conventional Vertical Milling Machines

## MF 5 VP

With large traverse paths, automatic feed in the X and Y axes, swiveling milling head and pneumatic tool clamping

- Swiveling cutter head with quill feed
- Pneumatic tool tightening system
- Infinitely variable spindle speed
- Feed on X-axis with rapid feed
- Heavy construction with wide guideways

### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, Operating tools, Coolant system, Pneumatic tool clamping, Chip tray, Central lubrication, Horizontal guideway cover, Table feed TV 1000 on X- and Y-axis, Operator manual

Price:  
**16.900€**



Additional options available upon request.



### TECHNICAL SPECS

Table set up area	1370 x 250 mm
Travel X-axis	800 mm
Spindle speed (vertical)	70 - 3600 1/min
Spindle mount	SK 40 DIN 2080
Weight	1590 kg

# Conventional Vertical Milling Machines

## MF 1 P

Ideal entry level milling machine featuring tilt and swivel head, and pneumatic tool clamping

- Swiveling tiltable cutter head with quill feed
- Pneumatic tool tightening system
- Cutter head swivels in 3 axes
- Rugged 16-position belt drive for main spindle rotation

### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, Operating tools, Coolant system, Pneumatic tool clamping, Vertical guideway cover, Central lubrication, LED work lamp, Operator manual

Price:  
**11.900€**



Additional options available upon request.



### TECHNICAL SPECS

Table set up area	1060 x 230 mm
Travel X-axis	670 mm
Spindle speeds	80 - 4500 1/min
Spindle mount	SK 30 DIN 2080
Weight	1100 kg





#### TECHNICAL SPECS

Table set up area	1370 x 320 mm
Travel X-axis	1000 mm
Spindle mount	SK 40 DIN 2080
Spindle speed (infin. variable) (L)	70 - 450 1/min
Spindle speed (infin. variable) (H)	450 - 3600 1/min
Spindle speeds	35 - 1500 1/min
Weight	1950 kg

## Conventional Vertical Milling Machines VHF 3.2

Price:  
**24.900€**

With swiveling vertical milling head, automatic servo feed in all axes, horizontal spindle and swivel table

- Swiveling cutter head with automated quill feed
- Horizontal spindle with its own drive
- Swiveling milling table
- Servo-motor for infinitely variable feed on all axes
- Extensive standard equipment



#### STANDARD EQUIPMENT

Chip tray, Coolant system, Central lubrication, 3-axis position indicator X.Pos 3.2, Operator instructions, M16 draw bar, Operating tools, Cutter arbor Ø 27 mm

Additional options available upon request.



#### TECHNICAL SPECS

Table set up area	1320 x 320 mm
Travel X-axis	1000 mm
Spindle mount	SK 40 DIN 2080
Spindle speeds	90 - 2000 1/min
Spindle speeds	40 - 1300 1/min
Motor rating horiz./ vert.	2.2 kW
Weight	1900 kg

## Conventional Vertical Milling Machines VHF 3

Price:  
**22.900€**

With swiveling vertical milling head, automatic feed in the X and Y axes and motorized table height adjustment, horizontal spindle and swivel table

- Solid construction for precision machining
- Automated work feeds on all axes to ensure best surface finish
- Swiveling vertical head ( $\pm 45^\circ$ ) for angle machining
- Automated quill feed for fast and accurate drilling
- New generation DRO with milling functions



#### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, Drill chuck 16 mm, Cutter arbor Ø 27 mm, Cutter arbor Ø 40 mm, Collet chuck ISO 40 with collets Ø 4,5,6,8,10,12,14,16 mm, Reducing sleeve ISO 40 / MT3 and ISO 40 / MT2, Coolant system, Chip tray, Work lamp, Operating tools, Operator instructions

Additional options available upon request.



#### TECHNICAL SPECS

Table set up area	1270 x 280 mm
Travel X-axis	700 mm
Spindle speed (vertical)	115 - 1750 1/min
Spindle mount	SK 40 DIN 2080
Weight	1400 kg

## Conventional Vertical Milling Machines VHF 2.2

Price:  
**15.900€**

Universal milling machine with swiveling cutter head, automated feed in X and Y axes, horizontal spindle and extensive standard equipment

- Tilting vertical milling head
- Automatic feed in X and Y axes
- Horizontal spindle with counter holder
- Extensive package of standard accessories



#### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, Coolant system, Work lamp, Operating tools, Operator instructions, M16 draw bar, Outer arbor support for horizontal milling, Chip tray, Cutter arbor Ø 27 mm

Additional options available upon request.

# Conventional Vertical Milling Machines

## VHF 1.1

Price:  
**11.900€**

Console milling machine with swiveling milling head, automatic feed in the X-axis, horizontal spindle and swivel table

- Universal cutter head with manual quill feed
- Horizontal milling spindle with its own drive
- Infinitely variable spindle speed
- Feed on X-axis
- Extensive standard equipment



### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, 2 long cutter arbors (Ø22,Ø27 mm), Drill chuck 16 mm, Reducing sleeve ISO 40 / MT3 and ISO 40 / MT2, Coolant system, Work lamp, Operating tools

Additional options available upon request.



### TECHNICAL SPECS

Table set up area	1000 x 240 mm
Travel X-axis	535 mm
Spindle speed (vertical)	100 - 2000 1/min
Spindle mount	SK 40 DIN 2080
Spindle speed (horizontal)	60 - 1350 1/min
Weight	1000 kg

# Conventional Vertical Milling Machines

## Mark Super Series

Starting at:  
**6.290€**

Multi-side milling/drilling machine with automated feed in the X axis, automated quill feed and tapping unit

- Infinitely variable feed on X axis
- Automated drilling feed with depth display
- Gearbox milling head for powerful machining
- Swiveling head for wide range of applications
- Infinitely variable spindle speed with digital display (SV model only)



### STANDARD EQUIPMENT

3-axis position indicator X.Pos 3.2, Automatic quill feed, Base, Table feed TV 1000, Drill chuck 13 mm, Tool-holder bits, Operator manual

Additional options available upon request.



### TECHNICAL SPECS

Table dimensions	800 x 240 mm
Drilling capacity in steel	25 - 32 mm
Travel X-axis manual / autom.	560 / 480 mm
Spindle mount	MT 4 DIN 228
Main motor rating	1,5 kW
Weight	380 kg

# Conventional Vertical Milling Machines

## SBF 40 TV 1000

Price:  
**5.190€**

Universal milling/drilling machine with automated drilling feed, compound sliding table with driven X axis and swiveling gear head

- Infinitely variable feed on X axis
- Automated drilling feed with depth display
- Gearbox milling head for powerful machining
- Swiveling head for wide range of applications



### STANDARD EQUIPMENT

Thread cutting function, Table feed TV 1000, Draw bar, Drill chuck, Tool-holder bits, Coolant system, Operator manual

Additional options available upon request.



### TECHNICAL SPECS

Table set up area	730 x 210 mm
Travel X-axis	500 mm
Spindle mount	MT 4 DIN 228
Speed range	75 - 3200 1/min
Main motor rating	1,5 / 1,1 kW
Weight	390 kg



#### TECHNICAL SPECS

Drilling capacity	60 mm
Drilling depth (max.)	315 mm
Spindle nose-to-table surface distance	350 - 1250 mm
Speed range	38 - 2000 1/min
Spindle mount	MT 5
Motor rating main drive	4 kW



#### TECHNICAL SPECS

Drilling capacity	40 mm
Drilling depth (max.)	260 mm
Spindle nose-to-table surface distance	300 - 1200 mm
Speed range	54 - 2150 1/min
Spindle mount	MT 4
Motor rating main drive	2,2 kW

Other machines in this series → [www.knuth.com](http://www.knuth.com)

## Radial Drilling Machines R 60 VT

Price:  
**30.900€**

Servo-conventional radial drilling machine with advanced functions and large touch screen

- Unique operating concept
- Advanced control of machine functions
- Servomotor-driven quill feed
- Rigid design with proven high stability



#### STANDARD EQUIPMENT

Touchscreen control panel, Servo motor for quill feed, Manual central lubrication, Coolant system, Work light, Height adjustable spindle cover, Operator instructions

Additional options available upon request.

## Radial Drilling Machines R 40 V

Price:  
**21.900€**

Infinitely variable spindle speed, feed gear and a wide range of sizes characterise our proven bestseller series

- Infinitely variable spindle speed with digital display
- A cube table offers extended clamping possibilities
- Robust construction for constant high accuracy
- Modern design for easy and comfortable operation



#### STANDARD EQUIPMENT

Coolant system, Cube table, LED work lamp, Operator instructions

Additional options available upon request.



R 60 VT

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Radial Drilling Machines

**KSR 50 VT**

Price:

**39.900€**

Fast smooth positioning of the drilling quill on 3 possible workstations, with servo quill feed and infinitely variable spindle speed, large touch-screen control panel and extra drilling power

- Unique operating concept
- 3 work stations
- Expanded control of machine functions
- Servomotor-driven quill feed
- Linear guides for smooth, high-precision movement of the arm

**STANDARD EQUIPMENT**

Touch screen monitor, Additional setup areas at the side and rear, Cube table, Swiveling horizontal table, Work lamp, Coolant system, Thread cutting function, Reduction sleeves, Operating tools, Operator manual



Additional options available upon request.

Column Drilling Machines

**SSB F 60 Super VT PRO**

Price:

**16.900€**

Powerful drill with touchscreen control panel, servo quill feed with advanced functions

- High drilling and thread cutting capacity
- Servo motor for quill feed
- Touchscreen control panel with additional features
- Infinitely variable speed
- Motorized table height adjustments
- Swiveling and rotating setup table

**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



Additional options available upon request.

Column Drilling Machines

**SSB 50 F Super VT**

Price:

**13.500€**

Drill presses with touchscreen, modern inverter technology, and motorized table height adjustment

- Touchscreen control panel with extra functions
- Automatic feed with manual transmission
- Infinitely variable speed control
- Motorized table height adjustment
- Swiveling and rotating work table

**STANDARD EQUIPMENT**

Touchscreen controller, Thread cutting function, Automatic spindle feeds, Motorised table height adjustment, Accessory set for drilling, Coolant system, Protective shield, LED work lamp, Operator instructions



Additional options available upon request.



**TECHNICAL SPECS**

Drilling capacity	50 mm
Spindle nose-to-table surface distance	760 mm
Quill stroke	200 mm
Spindle mount	4 MT
Spindle speed (infin. variable)	50 - 2000 1/min
Motor rating main drive	3 kW



**TECHNICAL SPECS**

Drilling capacity	60 mm
Quill stroke	200 mm
Spindle nose-to-table surface distance	520 mm
Speed range	50 - 316, 316 - 2000 1/min
Spindle mount	MT 5
Motor rating main drive	4 kW



**TECHNICAL SPECS**

Drilling capacity	50 mm
Quill stroke	200 mm
Spindle nose-to-table surface distance	575 mm
Speed range	50 - 2000 1/min
Spindle mount	MT 4
Motor rating main drive	3 kW



#### TECHNICAL SPECS

Drilling capacity	32 - 40 mm
Spindle nose-to-table surface distance	610 - 630 mm
Quill stroke	160 - 190 mm
Spindle mount	MT 4
Speed range	75 - 2020 1/min - 125 - 3030 1/min
Motor rating main drive	1.2 - 1.5 kW



#### TECHNICAL SPECS

Drilling capacity	25 - 35 mm
Spindle nose-to-foot distance	645 - 650 mm
Spindle speed	125 - 2825 1/min - 125 - 3030 1/min
Spindle mount	3 MT - 4 MT
Quill stroke	110 - 155 mm
Motor rating main drive	0,75 - 1,2 kW

## Column Drilling Machines SSB Xn Series

Starting at:  
**6.190€**

Our best selling, gear driven drill press for your workshop

- Tilting table for drilling at an angle
- Automatic drilling feed
- Work table with 2-axes of rotation for flexibility in operation
- Well-considered safety protection
- Integrated coolant system



#### STANDARD EQUIPMENT

Thread cutting function, Accessory set for drilling, Coolant system, Protective shield, LED work lamp, Operator instructions

Additional options available upon request.

## Column Drilling Machines TSB Series

Starting at:  
**3.590€**

Featuring gear drive, swivel drilling head and digital display for spindle speed

- Compact table design
- Swiveling drill head
- Manual transmission for high torque



#### STANDARD EQUIPMENT

Base, Protective shield, LED work lamp, Drill chuck, Operating tools, Operator instructions

Additional options available upon request.



SSB 32 Xn

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Horizontal Mitre Cutting Bandsaws  
**ABS 330 TNC**

Price:  
**16.900€**

Sturdy swing frame design with manual angle adjustment and saw cycle programming on the touch screen

- Manual miter adjustment
- PLC with graphic touchscreen control panel
- 2-step drive motor
- Hydraulic workpiece clamping
- Feed/discharge roller table is standard equipment

**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



Additional options available upon request.

Horizontal Mitre Cutting Bandsaws  
**ABS NC Series**

Starting at:  
**25.900€**

NC controlled double column design with programmable cutting angle adjustment, as well as hydraulic feed, workpiece and bundle clamping

- Stable double-column design
- Miter cutting with programmable cutting angle
- NC control with touchscreen for faster programming and set-up
- Hydraulic top vises for bundle cutting



**STANDARD EQUIPMENT**

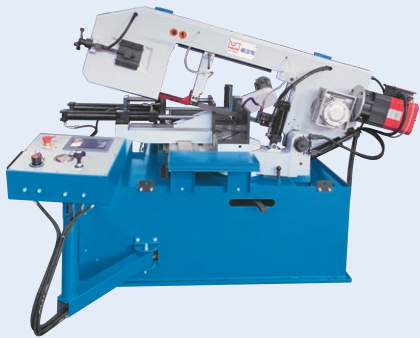
Siemens PLC control, Autom. cleaning brush, Feed roller table (2 meters), 1 saw blade, Touch screen monitor, Automatic parts counter, Bundle vise, Chip conveyor, Coolant system, Operating tools, Operator manual

Additional options available upon request.

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**TECHNICAL SPECS**

Cutting capacity 0° (round)	330 mm
Cutting capacity 30° (round)	310 mm
Cutting capacity 45° (round)	305 mm
Main motor rating	1,5/2,2 kW
Blade dimensions	3960x34x1,1 mm
Weight	1520 kg



**TECHNICAL SPECS**

Cutting capacity 0° (round)	300 - 400 mm
Cutting capacity 30° (round)	280 - 400 mm
Cutting capacity 45° (round)	220 - 350 mm
Motor rating main drive	3 - 4 kW
Blade dimensions	4430x34x1,1 mm - 5590x41x1,1 mm
Weight	1900 kg - 2900 kg



**ABS 300 NC**

Drilling

Sawing





#### TECHNICAL SPECS

Cutting capacity 0° (round)	460 - 560 mm
Stop length	500 mm
Cutting speed infinitely variable	20 - 100 m/min
Blade dimensions	5200x41x1,3 mm - 6000x41x1,3 mm
Motor rating main drive	4 kW
Weight	1500 - 2100 kg

## Horizontal Straight Cutting Bandsaws ABS 460 L • 560 L

Starting at:  
**31.900€**

Sturdy double-column design with large cutting capacity and robust fully automatic feed for efficient series production

- Dual column design for superior stability
- Material feed system with workpiece guide rollers
- Hydraulic workpiece clamping
- Optical detection of the workpiece height
- Feed roller table 1.2 m (4 ft)



#### 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

Additional options available upon request.



#### TECHNICAL SPECS

Cutting capacity 0° (round)	320 mm
Cutting capacity 45° (round)	320 mm
Cutting capacity 60° (round)	260 mm
Motor rating main drive	2,2 kW
Blade dimensions	4160x34x1,1 mm
Weight	1000 kg

## Horizontal Mitre Cutting Bandsaws HB 320 BS

Price:  
**17.800€**

Miter band saw with swivel frame and hydraulic machine vise

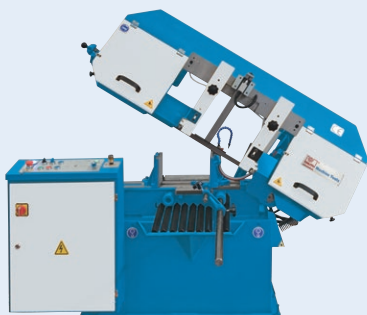
- Saw frame can swivel 45° for miter cutting
- Semi-automated operation
- Automated stroke height control with optical sensor
- Low machine and workpiece setup times



#### STANDARD EQUIPMENT

Hydraulic part clamping, Coolant system, Linear stop, Feed roller table 1,2 m, Operator manual

Additional options available upon request.



#### TECHNICAL SPECS

Cutting capacity 0° (round)	280 mm
Cutting capacity 45° (round)	240 mm
Blade dimensions	3400x27x0,9 mm
Motor rating main drive	1.5 kW
Weight	620 kg

## Horizontal Mitre Cutting Bandsaws HB 280 BE

Price:  
**10.900€**

Semi-automatic band saw with hydraulic workpiece clamping

- Hydraulic workpiece clamping
- Miter cuts up to 45°
- Optical sensor for height adjustment
- Infinitely variable cutting speed



#### STANDARD EQUIPMENT

Hydraulic part clamping, Mechanical saw blade tensioning with hydraulic pressure gauge, Optical height adjustment, Automatic band break control, Linear stop, Coolant system, Saw-band, Saw blade cleaner brush, Operating tools, Operator instructions

Additional options available upon request.

Horizontal Mitre Cutting Bandsaws  
**HB 280 B**

Price:  
**9.790€**

Entry-level model of the large workshop bandsaw with completely manual functions, swivelling vice and inverter-controlled band speed

- Infinitely variable hydraulic saw feed
- Infinitely variable belt speed
- Vise rotates 45° for miter cutting
- Built-in coolant system with chip tray



**STANDARD EQUIPMENT**

Part clamping, Coolant system, Linear stop, Operator manual

Additional options available upon request.

Horizontal Mitre Cutting Bandsaws  
**HB L Series**

Starting at:  
**22.900€**

Stable double column construction with linear guide for large diameters with hydraulically clamping and swivelling vice

- Double column design with linear guide
- Semi-automatic operation
- Automatic stroke height adjustment with optical sensor
- 45° swiveling vise for miter cutting
- Short setup time for machine and workpiece



**STANDARD EQUIPMENT**

Bimetallic band saw blade, Hydraulic part clamping, Automatic stroke height adjustment, Feed roller table 1 m, Coolant system, Operator instructions

Additional options available upon request.

Horizontal Mitre Cutting Bandsaws  
**SBS Series**

Starting at:  
**4.090€**

Double miter band saw with great cutting performance in the best processing quality and with an outstanding price-performance ratio

- One-piece cast-iron saw frame
- Rigid vise with long stroke
- High cutting capacity
- Compact design
- Quick-action angle adjustment left and right



**STANDARD EQUIPMENT**

1 saw blade, Coolant system, Base, Pressure gauge for saw blade tensioning, Hydraulic cylinder for saw frame, Operator instructions

Additional options available upon request.



**TECHNICAL SPECS**

Cutting capacity 0° (round)	280 mm
Cutting capacity 45° (round)	240 mm
Cutting speed infinitely variable	20 - 100 m/min
Blade dimensions	3400x27x0.9 mm
Motor rating main drive	1.5 kW
Weight	530 kg



**TECHNICAL SPECS**

Cutting capacity 0° (round)	380 - 1020 mm
Cutting capacity 45° (round)	300 - 810 mm
Cutting speed	20 - 100 m/min
Motor rating main drive	3 - 7,5 kW
Blade dimensions	4800x34x1,1 mm - 9500x54x1,6 mm
Weight	1150 - 5860 kg



**TECHNICAL SPECS**

Cutting capacity 0° (round)	225 - 355 mm
Cutting capacity 45° (round) L	145 - 300 mm
Cutting capacity 45° (round) R	120 - 355 mm
Cutting capacity 60° R (round)	90 - 240 mm
Cutting capacity 60° R (square)	90 - 170 mm
Motor rating main drive	1,1 - 2,2 kW
Weight	295 - 805 kg



#### TECHNICAL SPECS

Table dimensions	600x550x970 mm - 700x660x1002 mm
Cutting speed	257 - 340 m/min
Motor rating main drive	1,5 kW
Blade width	3 - 15 mm - 6 - 19 mm
Blade length	3390 - 3467 mm - 4430 - 4520 mm
Weight	315 - 555 kg



#### TECHNICAL SPECS

Max. saw blade diameter	250 - 350 mm
Speed	18/36 - 42 1/min
Cutting capacity 0° (round)	60 - 120 mm
Cutting capacity 45° (round) L	55 - 105 mm
Main motor rating	0,75 / 1,3 - 1,1 kW
Weight	143 - 236 kg



#### TECHNICAL SPECS

Max. saw blade diameter	400 mm
Cutting capacity 0° (round)	138 mm
Cutting capacity 45° (round) L	125 mm
Cutting capacity 45° (round) R	125 mm
Motor rating main drive	2.2 kW
Weight	123 kg

## Vertical Bandsaws VB-A Series

Starting at:  
**5.690€**

The solution for contour sawing with a particularly stable saw frame, table that can be swivelled on both sides, minimum quantity cooling and strip welding unit

- Swiveling table
- Infinitely variable belt speed
- Adjustable saw blade guide with carbide jaws
- Saw blade welder with shearing and grinding unit



#### STANDARD EQUIPMENT

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

Additional options available upon request.

## Circular Sawing Machines KKS T Series

Starting at:  
**1.750€**

Robust manual cold circular saw for workshop use with precise mitre adjustment and space-saving base frame

- High-precision angle cuts
- Rigid vise
- Rigid machine base included
- Built-in coolant system



#### STANDARD EQUIPMENT

Base, Coolant system, 1 saw blade

Additional options available upon request.

## Circular Sawing Machines KAS 400 P

Price:  
**3.490€**

High speed aluminum circular saw with mitre cutting and pneumatic vise

- High speed for aluminum cutting
- Angle cutting in both directions
- Dual vise with pneumatic clamping
- Rigid machine base included



#### STANDARD EQUIPMENT

1 saw blade, 2 x horizontal pneumatic clamp, Air gun, Sawblade cooling system, Base, Operator instructions

Additional options available upon request.



Conventional Surface Grinders  
**HFS F Advance Series**

Starting at:  
**34.900€**

Surface grinders with automated control of Z axis and Siemens HMI

- Magnetic clamping plate with built-in demagnetizing function
- Vertical axis with ballscrew and servo motor for high precision
- Easy auto-mode programming with Siemens PLC and touchscreen
- Extensive standard equipment package



**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, Operator manual, Grinding wheel

Additional options available upon request.

Conventional Surface Grinders  
**HFS NC Series**

Starting at:  
**54.900€**

High precision surface grinder with automatic cycles, including wheel dressing compensation

- Automatic grinding wheel dressing cycle
- Magnetic table and built-in demagnetization feature
- Vertical axis with ball screw and servo motor for high precision
- Easy auto-mode programming
- Extensive standard equipment package



**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

Additional options available upon request.

Conventional Surface Grinders  
**FSM 480**

Price:  
**10.900€**

Ideal grinder featuring many standard features for workshop applications

- Cast-iron machine base absorbs vibrations
- Magnetic clamping plate 125 x 300 mm
- Extensive standard equipment included
- Angle-adjustable grinding vise



**STANDARD EQUIPMENT**

Exhaust vacuum, Work lamp, Magnetic clamping plate 125 x 300 mm, Balancing shaft, Balancing station, Angle - adjustable grinding vise, Operating tools, Operator manual, Grinding wheel flange, Grinding wheel dresser, Grinding wheel

Additional options available upon request.

**TECHNICAL SPECS**

Table dimensions	635x305 mm - 1020x406 mm
Workpiece weight (max.)	270 - 600 kg
Spindle nose-to-table surface dist.	580 mm
Travel X-axis	765 - 1130 mm
Motor rating main drive	4 kW
Grinding wheel dimensions	350x40x 127 mm
Weight	2800 - 3700 kg

**TECHNICAL SPECS**

Grinding area (max.)	520x200 mm - 1700x400 mm
Workpiece weights incl. magnetic clamping plate (max.)	210 - 850 kg
Spindle nose-to-table surface dist.	470 - 640 mm
Travel X-axis	560 - 1780 mm
Motor rating main drive	3,7 - 5,5 kW
Grinding wheel dimensions	255x50,8x 25 mm - 400x127x 40 mm
Weight	2050 - 5400 kg

**TECHNICAL SPECS**

Table dimensions	210 mm x 450 mm
Spindle nose-to-table surface dist.	450 mm
Travel X-axis	480 mm
Grinding wheel dimensions	200x13x 32 mm
Motor rating main drive	1.5 kW
Weight	730 kg



#### TECHNICAL SPECS

Center height	180 mm
Working spindle taper	4 MK
Grinding length	1000 mm
Workpiece weight between centers (max.)	150 kg
Grinding diameter	8 - 320 mm
Grinding wheel dimension	400x50x203 mm

## Conventional Cylindrical Grinders RSM 1000 C

Price:  
**44.900€**

Inside and outside machining with auto feed on transverse axis

- Internal and external grinding
- Hydrostatic bearings for high surface quality
- Heavy machine frame to support large workpieces
- Swiveling headstock for conical grinding of short parts
- Integrated rapid feed on Z-axis with manual return
- Extensive package of standard accessories



#### STANDARD EQUIPMENT

3-jaw chuck Ø 200 mm, Balancing mandrel, Balancing station, Center point, Coolant system, Grinding wheel dresser, Grinding wheel flange, Internal grinding equipment, Operator manual, Operating tools

Additional options available upon request.



#### TECHNICAL SPECS

Center height	135 mm
Workpiece length (max.)	640 - 950 mm
Grinding length	500 - 800 mm
Grinding diameter	8 - 200 mm
Workpiece weight between centers (max.)	50 kg
Grinding wheel dimensions	400x50x203 mm

## Conventional Cylindrical Grinders RSM A Series

Starting at:  
**30.900€**

Inside and outside machining with manual feed on transverse axis

- Internal and external grinding
- Hydrostatic bearings for high surface quality
- Swiveling headstock for conical grinding of short parts
- Integrated rapid feed on Z-axis with manual return
- Extensive package of standard accessories



#### 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, Drivers, Work lamp, Operating tools, Operator instructions, Open rest, Closed rest

Additional options available upon request.



RSM 500A

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Tool Grinders

# Multi-Grind

Price:  
**23.900€**

Multifunctional machine with inside and outside grinding device, ideal for sharpening tools and light grinding work

- Outer and inner cylindrical grinding
- Surface grinding
- Tool grinding
- Hydraulic table feed
- Wide range of accessories



STANDARD EQUIPMENT

Coolant system, Exhaust vacuum, Tool mount / indexing head MT 4, Internal grinding unit including 2 die grinders, 3-jaw chuck Ø 100 mm, Left tailstock, Right tailstock MT 2, Center point, Half center points, Balancing station, Spindle extension, Vise for surface grinding (3-D angle adjustment), Spring stop, 5 drivers, Various splash guards, Grinding wheel guard (2x), Automatic central lubrication, Operator manual, Test certificate

Additional options available upon request.



TECHNICAL SPECS

Grinding diameter	200 mm
Workpiece length (max.)	500 mm
Workpiece weight (max.)	10 kg
Travel Z-axis	480 mm
Grinding spindle speed	2500 1/min
Motor rating main drive	1,1 kW

Belt/Disk Sanders

# B 150 D

Price:  
**1.690€**

Ideally suited workshop grinder for smoothing, deburring and beveling

- For precision grinding of tube unions
- Contact roll for grinding of shaft ends
- Longitudinal grinding surface for deburring
- Suitable for stainless steel and aluminum
- Ready for vacuum exhaust connection



STANDARD EQUIPMENT

Base, 1 sanding belt, Safety observation shield, Operator instructions

Additional options available upon request.



TECHNICAL SPECS

Speed	2800 1/min
Belt dimensions	150x2000 mm
Belt speed	33 m/s
Sanding area	530 x 150 mm
Motor rating main drive	4 kW
Weight	135 kg

Tool Grinders

# DSB 300 D

Price:  
**990€**

Dual bench grinder with rigid construction and featuring a solid pedestal

- Built for industrial use
- Standard delivered with the base
- Rigid design for minimum vibrations



STANDARD EQUIPMENT

Base, Safety observation shield, 2 universal corundum wheels

Additional options available upon request.



TECHNICAL SPECS

Speed	1450 1/min
Grinding wheel dimensions	300x50x75 mm
Motor rating main drive	2.2 kW
Weight	84 kg



#### TECHNICAL SPECS

Table dimensions	700x450 mm
Workpiece weight (max.)	700 kg
Quill stroke	250 mm
Travel X-axis	450 mm
Travel Y-axis	350 mm
Mean generator capacity	80 A

## Die Sinker EDM ZNC 435 L

Price:  
**25.900€**

ZNC-controlled electrical discharge machine with manually positioned work reservoir for tool and die making

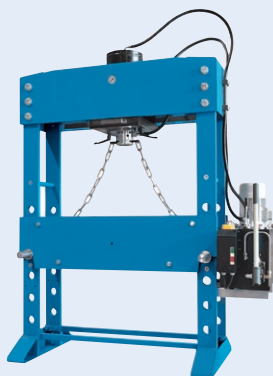
- User-friendly CNC control
- Preloaded ball screws on all axes
- High-precision preloaded ball screws on Z-axis
- High quality components
- Integrated diagnostic system



#### STANDARD EQUIPMENT

Control unit, Fire extinguishing system, Work lamp, Scale X- / Y-axis, Chuck, Operating tools, Operator instructions

Additional options available upon request.



#### TECHNICAL SPECS

Pressure force	200 t
Operating pressure (max.)	243 bar
Stroke	400 mm
Press speed	1,84 mm/s
Motor rating hydraulic pump	3 kW
Weight	1690 kg

## Workshop Presses KNWP 200 HM

Price:  
**20.900€**

Motorised workshop press with horizontally positionable cylinder unit with two-stage hydraulics

- High quality – made in Europe
- Hydraulic motor drive
- Horizontally adjustable cylinder unit
- Adjustable table height



Additional options available upon request.



#### TECHNICAL SPECS

Working width	1020 mm
Pressure force	100 t
Stroke	400 mm
Press speed	7,12 mm/s
Motor rating hydraulic pump	4 kW
Weight	1000 kg

Other machines in this series → [www.knuth.com](http://www.knuth.com)

## Workshop Presses KNWP H 100

Price:  
**9.590€**

Hydraulic, with horizontal piston travel and a set of prismatic blocks

- Motorized hydraulic drive
- Horizontal piston travel
- Adjustable table height
- Set of prismatic blocks



#### STANDARD EQUIPMENT

Movable working cylinder, Height adjustable work table, V-blocks, Manometer, Operator manual

Additional options available upon request.



## Press Brakes

### AHK M NC Series

Starting at:  
**27.500€**

Compact NC bending solution with X and R axis and extensive standard equipment as an excellent alternative to CNC machines

- Stress-relieved welded steel construction
- Top beam with torsion shaft
- NC control with touch-screen HMI
- Back gauge with X and R axes
- European-style male die



#### 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), Laser optical safety system, Light curtain, Sliding front support arms (2 pcs), Foot pedal with emergency stop switch, Operator instructions

Additional options available upon request.

## Guillotine Shears

### KHT M NC Series

Starting at:  
**28.500€**

Rigid swing beam construction with plate hold-up feature and NC control for the back gauge

- Estun E21 NC control
- Back gauge with preloaded ball screws gauge
- Pneumatic plate hold-up feature
- Cutter also suitable for stainless steel
- Adjustable angular stop



#### 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

Additional options available upon request.

## KNUTH on YouTube

### Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?**  
**Please feel free to contact us!**



#### TECHNICAL SPECS

Pressure force	30 - 60 t
Brake length	1250 - 2100 mm
Distance between columns	1010 - 1700 mm
Stroke	150 - 160 mm
Motor rating main drive	3 - 7,5 kW
Weight	1700 - 4340 kg



#### TECHNICAL SPECS

Working length	2500 - 3200 mm
Plate thickness max. - 450 N/mm <sup>2</sup>	6 - 12 mm
Plate thickness max. - 700 N/mm <sup>2</sup>	4 - 8 mm
Cutting angle	1,5°
Motor rating main drive	7,5 - 18,5 kW
Weight	5000 - 10800 kg



AHK M 2160 NC

Eroding

Presses

Sheet Metal Work



#### TECHNICAL SPECS

Working length	1300 - 2550 mm
Plate thickness (max.) - 450 N/mm <sup>2</sup>	0,8 - 2 mm - 0,8 - 4 mm
Cutting angle	1,8 - 2,4°
Rear stop	630 mm
Motor rating main drive	4 - 7,5 kW
Weight	1355 - 2500 kg

## Guillotine Shears KMT B 1304 NC

Price:  
**13.900€**

Economical solution with controlled backgauge and a sheet holding device

- Solid steel weldment
- PLC back-gauge control with 4.3" touchscreen
- Back gauge with servo drives
- Blades can be rotated and reused
- Pneumatic sheet support device



#### 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

Additional options available upon request.



#### TECHNICAL SPECS

Plate thickness (max.) - 450 N/mm <sup>2</sup>	0,8 - 2 mm - 0,8 - 4 mm
Working length	1250 - 2050 mm
Cutting angle	2°
Rear stop	630 mm
Motor rating main drive	3 - 4 kW
Weight	850 - 1520 kg

## Guillotine Shears KMT B Series

Starting at:  
**8.190€**

Simple, robust motorised guillotine shears with manual backgauge

- Solid steel weldment
- Rugged long support arms
- Mobile control unit with foot switch
- Manual back gauge with counter (back-of-machine operation)



#### 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

Additional options available upon request.



#### TECHNICAL SPECS

Working length	1550 - 3050 mm
Plate thickness max. - 450 N/mm <sup>2</sup>	4 - 8 mm
Bending diameter (min.)	255 - 300 mm
Roll diameter	170 - 200 mm
Motor rating main drive	4 kW
Weight	1850 - 4000 kg

## Plate Rolling Machines KRM ST Series

Starting at:  
**20.900€**

Motor-driven rollers with large working width and motorised rear roller adjustment for processing heavy plate

- Asymmetrical structure
- Motorized drive with 4 kW
- Hardened rollers
- Conical bender



#### STANDARD EQUIPMENT

Back roll with motor, Conical bending feature, Hardened rollers, Emergency stop safety rope, Separate control panel with foot switch, Operator instructions

Additional options available upon request.

## Plate Rolling Machines **KRM T 10/5,0**

Price:  
**11.600€**

Motor-driven rollers in asymmetrical arrangement with manual back roller adjustment for machining thin and medium plates

- Asymmetrical structure
- Main motor with braking
- Hardened rollers with wire insertion grooves
- Conical bender
- Manual rear roller adjustment (optionally motor-driven)



### STANDARD EQUIPMENT

Conical bending feature, Hardened rollers, Wire insert groove, Emergency stop safety rope, Seperate control panel with foot switch, Side cover, Operator instructions

Additional options available upon request.



### TECHNICAL SPECS

Working length	1050 mm
Plate thickness max. - 450 N/mm <sup>2</sup>	5 mm
Roll diameter	130 mm
Roller speed	3,5 m/min
Motor rating main drive	2,2 kW
Weight	1200 kg

Other machines in this series → [www.knuth.com](http://www.knuth.com)

## Plate Rolling Machines **KR T 10/3,0**

Price:  
**4.190€**

Manually driven rolls in asymmetrical arrangement with manual rear roll infeed for processing thin sheet and thin plate

- Asymmetrical structure
- Hardened rollers with wire insertion grooves
- Conical bender



### STANDARD EQUIPMENT

Conical bending feature, Hardened rollers, Wire insert groove, Operator instructions

Additional options available upon request.



### TECHNICAL SPECS

Working length	1050 mm
Plate thickness max. - 450 N/mm <sup>2</sup>	1,5 mm
Roll diameter	90 mm
Overall dimensions (length x width x height)	2,08x0,7x1,25 m
Weight	410 kg

Other machines in this series → [www.knuth.com](http://www.knuth.com)

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KRM ST 15/8

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



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

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

### Cutting Systems

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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.

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