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SANDING MACHINES



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Cutter knife grinding machine

HMS 600

The cutter knife grinder HMS 600 is suitable for grinding of cutter knives up to 620 mm in length. Efficient and economic operation in addition to significant cost and time savings, as a result of on site grinding, make this machine popular for every user.

- Suitable for grinding of cutter knives, carving knives, drill bits etc.
- Allows simultaneous grinding of two cutter knives of 310 mm each which halves time consumption (significant difference when grinding 4-knife cutterblock)
- Grinding wheel runs free from vibrations for optimal grinding results
- Precise cutter knife holder made from solid grey cast-iron
- Tilttable guide rail from 20° to 90°
- Handwheel on front of machine allows for adjustment of grinding angle



Grinding of twist drill bit



Grinding of carving knife

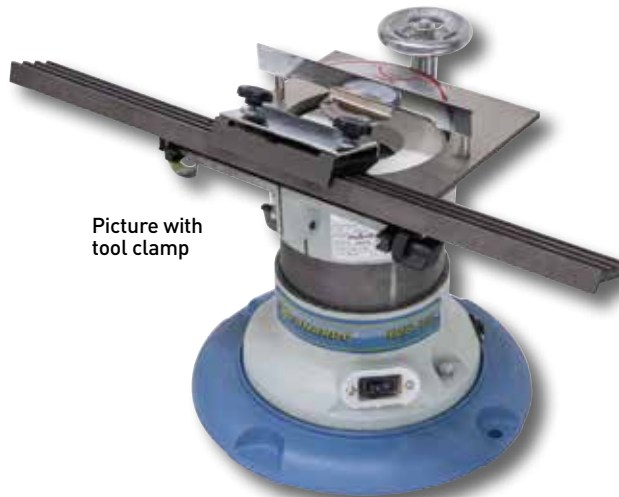


Standard accessories

Universally useable

Technical data HMS 600

Grinding wheel	150 x 40 x 12,7 mm
Speed	2800 rpm
Max. cutter knife length	620 mm
Tilting range guide rail	20° - 90°
Table height adjustment	30 mm
Motor power output S ₁ 100%	0,36 kW (0,50 HP)
Motor power input S ₆ 40%	0,50 kW (0,70 HP)
Voltage	230 V
Machine dimension (W x D x H)	620 x 330 x 350 mm
Weight approx.	36 kg
Art. no.	11-4390



Picture with tool clamp



Picture with turnable bushing

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Picture with knife lock plate

Standard accessories:

- Grinding wheel
- Knife lock plate
- Tool clamp 12 cm
- Drill chuck with turnable bushing
- Dressing stone

Optional accessories:

Grinding wheel 150 x 40 x 12,7 mm

Art. no. excl. VAT

11-2180

Cutter knife grinding machine PHMS 630 A

The cutter knife grinder PHMS 630 A is suitable for grinding of cutter knives up to 640 mm in length. Efficient and economic operation in addition to significant cost and time savings, as a result of on site grinding, make this machine popular for every user.

- Grinding wheel runs free from vibrations for optimal grinding results
- Precise cutter knife holder made from solid aluminium
- Designed for grinding of cutter knives up to 640 mm in length
- Comes complete with coolant device
- Adjusting of the grinding angle on the front of the machine
- Tilttable guide rail from 23° to 55°



User-friendly clamping system for cutter knife.

Universally useable

Best price

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HOBBY



Powerful drive motor even at continuous operation.



Adjustable grinding angle (23° - 55°)



NEW



Coolant device comes standard

Technical data

PHMS 630 A

Grinding wheel	100 x 50 x 20 mm
Speed	2800 rpm
Max. cutter knife length	640 mm
Tilting range guide rail	23° - 55°
Motor power output S ₁ 100%	0,55 kW (0,75 HP)
Motor power input S ₆ 40%	0,75 kW (1,0 HP)
Voltage	230 V
Machine dimension (W x D x H)	870 x 420 x 460 mm
Weight approx.	29 kg
Art. no.	11-4393

Standard accessories:

- Grinding wheel
- Knife lock plate
- Coolant device

Optional accessories:

Grinding wheel 100 x 50 x 20 mm

Art. no. excl. VAT
11-2184

Sawblade sharpener

SBS 800

- Universal sawblade grinding machines for grinding sawblades from 80 - 1000 mm
- Quick and easy pre-setting of sawblade for grinding operations
- Standard diamond grinding wheel diam. 125 x 10 x 13 mm
- Solid grey cast-iron construction ensures top accuracy
- Tilttable motor-grinding wheel unit (20° left / right) allows for sharpening of carbide-alternate top bevel sawblades (ATB)
- Tilt the sawblade holder for sharpening of negative tooth angles
- Fast and straightforward grinding operation makes these models highly economical
- Suitable for sharpening of all major blades of table circular saws, firewood circular saws, etc.
- Rubber feet ensure low noise level and minimize vibrations



Equipped with a diamond grinding wheel as standard.



Closed protective cover according to CE guarantees for high safety.



On-/Off-switch in accordance with IP 54 standards and undervoltage release.

NEW

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SEMI-PROFESSIONAL

SUITABLE FOR...

- Flat teeth
- Alternating teeth
- Trapezoid teeth
- Stepped teeth

Technical data

SBS 800

Sawblade diameter	80 - 800 mm
Grinding wheel Ø x bore	125 x 13 mm
Setting angle grinding wheel	20° left / 20° right
Rotating assembly angle	25° left / 43° right
No load speed	2850 rpm
Motor power	250 W
Voltage	230 V
Machine dimension (W x D x H)	670 x 340 x 300 mm
Weight approx.	12 kg
Art. no.	11-4373

Standard accessories:

- Diamond grinding wheel 125 x 10 x 13 mm
- Protective cover
- Sawblade clamping device
- Adapter 20 / 22 / 25 / 30 mm
- Rubber feet

**For sawblades
from 80 - 800 mm**

Optional accessories:

Diamond grinding wheel 125 x 10 x 13 mm	Art. no.	excl. VAT
Corundum grinding wheel 125 x 10 x 13 mm	11-2170	
	11-2173	

The solid SBS 700 / SBS 800 / SBS 1000 sawblade sharpener allows sharpening of carbide-tipped and CV- sawblades featuring a diameter of 80 - 700 / 800 / 1000 mm. The tiltable motor-grinding wheel unit / sawblade holder allows for grinding of various tooth designs.

SBS 700 SBS 1000



Corundum-Sanding disc is ideal for sharpening of carbide sawblades.



Adjustable rotating assembly ring for sharpening of most common sawblades.



Tilts 20° to right and 20° to left, ideal for sharpening of ATB (alternate top bevel) sawblades.



Thousandfold established

For sawblades from 80 - 1000 mm



SUITABLE FOR...

- Flat teeth
- Alternating teeth
- Trapezoid teeth
- Stepped teeth

Technical data	SBS 700	SBS 1000
Sawblade diameter	80 - 700 mm	80 - 1000 mm
Grinding wheel Ø x bore	125 x 13 mm	125 x 13 mm
Setting angle grinding wheel	20° left / 20° right	20° left / 20° right
Rotating assembly angle	35° left / 45° right	35° left / 45° right
No load speed	2850 rpm	2850 rpm
Motor power	180 W	180 W
Voltage	230 V / 50 Hz	230 V / 50 Hz
Machine dimension (W x D x H)	720 x 390 x 300 mm	870 x 390 x 300 mm
Weight approx.	20 kg	23 kg
Art. no.	11-4370	11-4375

Standard accessories:

- Diamond grinding wheel 125 x 10 x 13 mm
- Protective cover
- Sawblade clamping device
- Adapter 20 / 22 / 25 / 30 mm
- Rubber feet

Optional accessories:

	Art. no.	excl. VAT
Diamond grinding wheel 125 x 10 x 13 mm	11-2170	
Corundum grinding wheel 125 x 10 x 13 mm	11-2173	
Extension for SBS 700 (Sawblades 1000 mm)	11-2172	

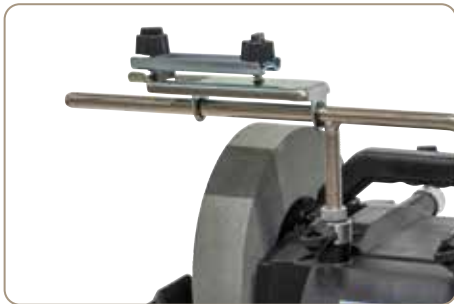
Wet and dry grinder

NTS 200

- The height adjustable universal support can also be used for various devices of different manufacturers
- Solid sheet steel model in stylish design featuring powerful drive motor to achieve top results
- The corundum grinding wheel runs in water tank (removable), which cools the blade during the grinding process and protects the tools from overheating or annealing
- Multifunctional device for grinding of knives, axes, turning gouges, planer blades, scissors etc.
- Suitable for amateurs, craftsmen with high demands and commercial customers, requiring sharp blades in a short period of time
- Low speed of grinding wheel ensures high safety and reduces risk of flying sparks



Complete with leather wheel for burr removal after grinding.



Universal device UNI-100, suitable for various straight tools (standard).



Easy angle adjustments by using the angle gauge WL-60 (standard).

Optional accessories
see page 9

Standard accessories:

- White corundum grinding wheel grit 220
- Leather wheel
- Universal bracket
- Universal device UNI-100
- Angle gauge WL-60
- Water tank

Modern design

NEW



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**Best
price**



Technical data

NTS 200

Grinding wheel	200 x 40 x 12 mm
Leather wheel	200 x 30 x 12 mm
Speed	115 rpm
Input power	120 W
Voltage	230 V
Width	370 mm
Depth	285 mm
Height	310 mm
Weight approx.	9 kg
Art. no.	05-1084

Wet and dry grinder

NTS 250 Pro

- The height adjustable universal support can also be used for various devices of different manufacturers
- Solid sheet steel model in stylish design featuring powerful drive motor to achieve top results
- The corundum grinding wheel runs in water tank (removable), which cools the blade during the grinding process and protects the tools from overheating or annealing
- Multifunctional device for grinding of knives, axes, turning gouges, planer blades, scissors etc.
- Suitable for amateurs, craftsmen with high demands and commercial customers, requiring sharp blades in a short period of time
- Low speed of grinding wheel ensures high safety and reduces risk of flying sparks



Complete with leather wheel for burr removal after grinding.



Universal device UNI-100, suitable for various straight tools (standard).



Easy angle adjustments by using the angle gauge WL-60 (standard).

Optional accessories
see page 9

Standard accessories:

- White corundum grinding wheel grit 220
- Leather wheel
- Universal bracket
- Universal device UNI-100
- Angle gauge WL-60
- Water tank

NEW

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Best price

Technical data	NTS 250 Pro
Grinding wheel	250 x 50 x 12 mm
Leather wheel	200 x 30 x 12 mm
Speed	95 rpm
Input power	150 W
Voltage	230 V
Width	430 mm
Depth	265 mm
Height	410 mm
Weight approx.	15 kg
Art. no.	05-1085

Modern design

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Wet and dry grinder

NTS 250 Pro Vario

- Serially with stepless speed adjustment, ideal adjustment to each material
- The height adjustable universal support can also be used for various devices of different manufacturers
- Solid sheet steel model in stylish design featuring powerful drive motor to achieve top results
- The corundum grinding wheel runs in water tank (removable), which cools the blade during the grinding process and protects the tools from overheating or annealing
- Multifunctional device for grinding of knives, axes, turning gouges, planer blades, scissors etc.
- Suitable for amateurs, craftsmen with high demands and commercial customers, requiring sharp blades in a short period of time
- Low speed of grinding wheel ensures high safety and reduces risk of flying sparks



Complete with leather wheel for burr removal after grinding.



Universal device UNI-100, suitable for various straight tools (standard).



Supplied as standard with stepless speed control, ideal for adapting to the respective material



Easy angle adjustments by using the angle gauge WL-60 (standard).

Best price

Modern design



NEW

Technical data

NTS 250 Pro Vario

Grinding wheel	250 x 50 x 12 mm
Leather wheel	200 x 30 x 12 mm
Speed	90 - 160 rpm
Input power	90 W
Voltage	230 V
Width	450 mm
Depth	315 mm
Height	400 mm
Weight approx.	14 kg
Art. no.	05-1086

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Standard accessories:

- White corundum grinding wheel grit 220
- Leather wheel
- Universal bracket
- Universal device UNI-100
- Angle gauge WL-60
- Water tank



Accessories for NTS-series

NTS-Serie

The NTS-series wet and dry grinding machines can easily and quickly achieve perfect grinding results. Using the appropriate attachments this machine can grind spoon carving gouges, finger-shaped turning tools, oval skew, chisels etc.



05-20602 Stone grader: Suitable for thorough preparation of grinding wheel (fine / rough).



05-20603 Diamond turning tool: for circular and accurate dressing of grinding wheel



05-20604 Tool rest: Ideal when working on small items



05-2052 Rough turning & hollow cutting tool



05-20606 Short knife jig



05-50607 Long knife jig



05-20608 Scissors jig: Ideal for scissors or secateurs



05-20609 Axe jig



05-2061 Profiled leather wheel: For dressing and polishing of insides of turning gouges and crowbars

Optional accessories:

	Art. no.	excl. VAT
Corundum grinding wheel 200 x 40 x 12 mm, grit 220	05-2060	
Corundum grinding wheel 250 x 50 x 12 mm, grit 220	05-20600	
Leather wheel 200 x 30 x 12 mm f. NTS 200	05-20601	
Leather wheel 200 x 30 x 12 mm f. NTS 250	05-20610	
Profiled leather wheel	05-2061	
Stone grader	05-20602	
Diamond dresser	05-20603	

Optional accessories:

	Art. no.	excl. VAT
Tool rest	05-20604	
Rough turning & hollow cutting tool	05-20605	
Short knife jig	05-20606	
Long knife jig	05-20607	
Scissors jig	05-20608	
Axe jig	05-20609	

Bench grinders

DSA-Serie

The bench grinding machines of the DSA series are versatile and perfectly suitable for semi-professional users. The induction motor runs quietly and requires no maintenance. High quality grinding discs allow for optimal results when sharpening and deburring tools.

- Comes complete with a solid, adjustable workpiece support to achieve top results
- Universal use for various materials (metals, plastics, wood etc.)
- Rotor features ball bearings to ensure smooth operation and long life-span
- State-of-the-art machine design, aluminium die-cast construction
- Work lamp and wheel dressing tool as part of standard equipment
- Coolant tank integrated in machine housing
- Amply sized protective glass on both sides protect from sparks
- High-performance motor ensures powerful torque
- Protective cover closed on sides for more efficient spark protection



DSA 150



DSA 200



Picture shows optionally available console WH

Work lamp, wheel dressing tool and protective glass with magnifier come standard



ISO 9001

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Optional accessories:

	Art. no.	excl. VAT
Grinding wheel Ø 150 x 25,4 mm, Grit 36	05-1810	
Grinding wheel Ø 150 x 25,4 mm, Grit 60	05-1811	
Grinding wheel Ø 200 x 25,4 mm, Grit 36	05-1812	
Grinding wheel Ø 200 x 25,4 mm, Grit 60	05-1813	
Grinding wheel Ø 250 x 25,4 mm, Grit 36	05-1814	
Grinding wheel Ø 250 x 25,4 mm, Grit 60	05-1815	
Console WH	56-1049	
Stand model C for DSA-series	56-1042	
Stand model F for DSA 150, DSA 200	56-1045	
Stand model K for DSA 250	56-10480	

Technical data

	DSA 150	DSA 200	DSA 250
Grinding wheel Ø x W	150 x 25,4 mm	200 x 25,4 mm	250 x 25,4 mm
Grinding wheel bore	12,7 mm	15,88 mm	20 mm
Grinding wheel grit	Grit 36 / Grit 80	Grit 36 / Grit 80	Grit 36 / Grit 80
Speed	2850 rpm	2850 rpm	2850 rpm
Motor power output S ₁ 100%	0,37 kW	0,55 kW	0,75 kW
Motor power input S ₆ 40%	0,50 kW	0,75 kW	1,0 kW
Voltage	230 V	230 V or 400 V	230 V or 400 V
Width	345 mm	410 mm	450 mm
Depth	270 mm	340 mm	360 mm
Height	275 mm	330 mm	370 mm
Weight approx.	10 kg	18 kg	26 kg
Art. no.	05-1090	05-1092 (230 V) 05-1094 (400 V)	05-1096 (230 V) 05-1098 (400 V)

Standard accessories:

- Roughing wheel grit 36
- Finishing wheel grit 80
- Spark protection on both sides
- Workpiece support
- LED working light
- Integrated coolant tank
- Wheel dressing tool

Combined sanding machines

KSA-Serie

The KSA-series of combined sanding machines is suitable for straightforward sanding operations of numerous materials, such as metals, non-ferrous metals, plastics, wood, plexiglass and many others. The wide range of applications make these models hard to miss in any DIY workshop.

- Combines regular sanding operations and belt sanding
- Universal in use for various materials (metals, plastics, wood etc.)
- Coolant tank integrated in machine housing
- Solid aluminium die-cast housing for a long life-span
- Convenient sanding belt change – no tools required
- Low noise, maintenance free induction motor
- Ideal for deburring, surface and contour grinding
- Balanced rotor with high-quality ball bearings ensures smooth run
- Top-quality construction guarantees prolonged machine life



Complete with roughing wheel, adjustable workpiece support, safety cover fully enclosed at sides and eye protection

KSA 150



Optional accessories:

	Art. no.	excl. VAT
Fabric sanding belt 685 x 50 mm - Grit 60 (10 pcs.)	11-2116A	
Fabric sanding belt 685 x 50 mm - Grit 80 (10 pcs.)	11-2116	
Fabric sanding belt 685 x 50 mm - Grit 100 (10 pcs.)	11-2117	
Fabric sanding belt 685 x 50 mm - Grit 120 (10 pcs.)	11-2117A	
Fabric sanding belt 685 x 50 mm - Grit 150 (10 pcs.)	11-2118	
Fabric sanding belt 685 x 50 mm - Grit 180 (10 pcs.)	11-2119	
Fabric sanding belt-set 685 x 50 mm - Grit 60 / 80 / 100 / 120 / 150 / 180 (each 2 pcs.)	11-2119A	
Grinding wheel Ø 150 x 20 mm, Grit 36	05-1800	
Grinding wheel Ø 150 x 20 mm, Grit 80	05-1801	
Grinding wheel Ø 200 x 20 mm, Grit 36	05-1827	
Grinding wheel Ø 200 x 20 mm, Grit 80	05-1828	
Belt cleaner	11-2175	
Stand model C for KSA-Serie	56-1042	
Stand model F for KSA-Serie	56-1045	



Technical data

	KSA 150	KSA 200
Grinding wheel Ø x W	150 x 20 mm	200 x 20 mm
Grinding wheel bore	12,7 mm	15,88 mm
Grinding wheel grit	Grit 36	Grit 36
Sanding belt	685 x 50 mm	685 x 50 mm
Sanding belt speed	15,4 m/sec.	15,4 m/sec.
Grinding area	125 x 50 mm	125 x 50 mm
Speed	2850 rpm	2850 rpm
Motor power output S ₁ 100%	0,25 kW	0,37 kW
Motor power input S ₆ 40%	0,35 kW	0,50 kW
Voltage	230 V	230 V
Width	370 mm	420 mm
Depth	280 mm	300 mm
Height	350 mm	390 mm
Weight approx.	11 kg	16 kg
Art. no.	05-1030	05-1035

Standard accessories:

- Roughing wheel grit 36
- Sanding belt grit 80
- Spark protection
- Workpiece support
- LED working light
- Integrated coolant tank
- Wheel dressing tool

Combined sanding machine

KMS 200 S

The KMS 200 S is an incredibly economical universal grinding machine purchased at a relatively low cost. The powerful motor and the robust construction make this model ideal for professional workshops.

- Complete with solid, adjustable workpiece support for optimal results
- Wide range of applications for various materials, such as metals, plastics, wood etc.
- Perfectly designed die-casting machine body
- Sanding unit can be used in horizontal as well as vertical position
- Quick clamping lever allows for convenient change of sanding belt
- Rotor features ball bearings to guarantee smooth running and a long life span
- Ideal for chamfering, surface and contour grinding
- Combines belt sanding and ordinary sanding operations
- High quality manufacturing ensures long life span



Sanding unit - ideal for deburring or surface sanding operations

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Standard accessories:

- Roughing wheel grit 36
- Sanding belt grit 80
- Sanding unit SA 1
- Graphite coating
- Workpiece support
- Spark protection



Regulating screws ensure convenient adjustment of parallel belt run.

Optional accessories:

	Art. no.	excl. VAT
Grinding wheel Ø 200 x 32 mm, Ø 32 mm, Grit 36	05-1818A	
Grinding wheel Ø 200 x 32 mm, Ø 32 mm, Grit 60	05-1818B	
Grinding wheel Ø 200 x 32 mm, Ø 32 mm, Grit 80	05-1819A	
Fabric sanding belt 762 x 75 mm - Grit 60 - (10 Stk.)	49-0970	
Fabric sanding belt 762 x 75 mm - Grit 80 - (10 pcs.)	49-0971	
Fabric sanding belt 762 x 75 mm - Grit 100 - (10 pcs.)	49-0972	
Fabric sanding belt 762 x 75 mm - Grit 120 - (10 pcs.)	49-0973	
Fabric sanding belt 762 x 75 mm - Grit 150 - (10 pcs.)	49-0974	
Fabric sanding belt 762 x 75 mm - Grit 180 - (10 pcs.)	49-0975	
Fabric sanding belt-set 762 x 75 mm - grit 60 / 80 / 100 / 120 / 150 / 180 (each 2 pcs.)	49-0976	
Belt cleaner	11-2175	
Stand model H	56-1048	

Technical data

KMS 200 S

Grinding wheel Ø x W	200 x 32 mm
Grinding wheel bore	32 mm
Grinding wheel grit	Grit 36
Sanding belt	762 x 75 mm
Speed of grinding wheel	2850 rpm
Speed of sanding belt	16,4 m/sec.
Tilting range of sanding unit	32 mm
Grinding area	90°
Dust extraction outlet	180 x 75 mm
Motor power output S ₁ 100%	0,9 kW
Motor power input S ₆ 40%	1,25 kW
Voltage	230 V or 400 V
Width	540 mm
Depth	310 mm
Height	370 mm
Weight approx.	27 kg
Art. no.	05-1164 (230 V) 05-1168B (400 V)

Universal in use

Combined sanding machine

KMS 250

The KMS 250 is an incredibly economical universal grinding machine purchased at a relatively low cost. The powerful motor and the robust construction make this model ideal for professional workshops.

- Universal use for various materials (metals, plastics, wood etc.)
- Tiltable support table for a large variety of applications
- Balanced rotor features high quality ball bearings to ensure a smooth run
- Powerful motor guarantees high torque
- Motor comes equipped with copper wiring for long life span
- Sanding unit can be used in horizontal as well as vertical position
- Sanding unit complete with dust port (diameter 38 mm)
- On-/off switch according IP 54 standards and undervoltage release

Ideal model for sanding, deburring and sharpening

Top Price



Complete with roughing wheel, adjustable workpiece support, fully closed protective cover and eye protection



Grinding unit - ideal for deburring or surface sanding operations

Optional accessories:

	Art. no.	excl. VAT
Grinding wheel Ø 250 x 32 mm, Ø 32 mm, Grit 36	05-1820	
Grinding wheel Ø 250 x 32 mm, Ø 32 mm, Grit 60	05-18200	
Grinding wheel Ø 250 x 32 mm, Ø 32 mm, Grit 80	05-1821	
Fabric sanding belt 1016 x 75 mm - Grit 60 (10 pcs.)	49-0980	
Fabric sanding belt 1016 x 75 mm - Grit 80 (10 pcs.)	49-0981	
Fabric sanding belt 1016 x 75 mm - Grit 100 (10 pcs.)	49-0982	
Fabric sanding belt 1016 x 75 mm - Grit 120 (10 pcs.)	49-0983	
Fabric sanding belt 1016 x 75 mm - Grit 150 (10 pcs.)	49-0984	
Fabric sanding belt 1016 x 75 mm - Grit 180 (10 pcs.)	49-0985	
Fabric sanding belt-set 1016 x 75 mm - Grit 60/80/100/120/150/180 (each 2 pcs.)	49-0986	
Belt cleaner	11-2175	
Stand model H	56-1048	
Stand model K	56-10480	

Technical data

KMS 250

Grinding wheel Ø x W	250 x 32 mm
Grinding wheel bore	32 mm
Grinding wheel grit	Grit 36
Sanding belt	1016 x 75 mm
Speed of grinding wheel	2850 rpm
Speed of sanding belt	16,4 m/sec.
Dust extraction outlet	38 mm
Tilting range sanding unit	90°
Grinding area	300 x 75 mm
Motor power output S ₁ 100%	1,5 kW
Motor power input S ₆ 40%	2,0 kW
Voltage	400 V
Width	580 mm
Depth	310 mm
Height	570 mm
Weight approx.	34 kg
Art. no.	05-1170

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Standard accessories:

- Roughing wheel grit 36
- Sanding belt grit 80
- Sanding unit SA 2
- Graphite coating
- Workpiece support
- Spark protection

Bench grinders

These universal bench grinding machines are designed for professional use. The induction motor features top quality ball bearings to eliminate noise and maintenance. Quality grinding wheels ensure optimal results when sharpening and deburring tools.

DS-Serie

- On/off switch in accordance with IP54 standards and undervoltage release
- Universal use for various materials, such as metals, plastics, wood and many others
- Balanced rotor with quality ball bearings ensure smooth running
- Motor features copper wiring for long life span (DS 250 S)
- Amply sized protective glass provide optimal spark protection
- Solid, adjustable die-cast workpiece support
- High performance drive motor ensures powerful torque
- Optionally available sanding attachment (DS 200 S / 250 S) increase range of applications significantly



Sanding attachment – available for DS 200 S and DS 250 S



Console WH optional available.

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Standard accessories:

- Roughing wheel grit 36
- Finishing wheel grit 80
- Spark protection on both sides
- Workpiece support

Optional accessories:

	Art. no.	excl. VAT
Grinding wheel Ø 150 x 25 mm, Ø 32 mm, Grit 36	05-18020	
Grinding wheel Ø 150 x 25 mm, Ø 32 mm, Grit 80	05-18021	
Grinding wheel Ø 175 x 25 mm, Ø 32 mm, Grit 36	05-1816	
Grinding wheel Ø 175 x 25 mm, Ø 32 mm, Grit 80	05-1817	
Grinding wheel Ø 200 x 32 mm, Ø 32 mm, Grit 36	05-1818A	
Grinding wheel Ø 200 x 32 mm, Ø 32 mm, Grit 80	05-1819A	
Grinding wheel Ø 250 x 32 mm, Ø 32 mm, Grit 36	05-1820	
Grinding wheel Ø 250 x 32 mm, Ø 32 mm, Grit 80	05-1821	
Sanding attachment SA 1 for DS 200 S (Sanding belt 762 x 75 mm)	05-1130	
Sanding attachment SA 2 for DS 250 S (Sanding belt 1016 x 75 mm)	05-1131	
Fabric sanding belts for sanding attachments SA 1 and SA 2 are on page 58		
Console WH	56-1049	
Stand model H	56-1048	
Stand model K for DS 250 S	56-10480	

Technical data

	DS 150 S	DS 175 S	DS 200 S	DS 250 S
Grinding wheel Ø x W	150 x 25 mm	175 x 25 mm	200 x 32 mm	250 x 32 mm
Grinding wheel bore	32 mm	32 mm	32 mm	32 mm
Grinding wheel grit	Grit 36 / Grit 80	Grit 36 / Grit 80	Grit 36 / Grit 80	Grit 36 / Grit 80
Speed	2850 rpm	2850 rpm	2850 rpm	2850 rpm
Motor power output S ₁ 100%	0,50 kW	0,50 kW	0,90 kW	1,5 kW
Motor power input S ₆ 40%	0,70 kW	0,70 kW	1,25 kW	2,0 kW
Voltage	230 V	230 V	230 V or 400 V	400 V
Width	430 mm	450 mm	510 mm	510 mm
Depth	195 mm	230 mm	270 mm	320 mm
Height	230 mm	250 mm	310 mm	360 mm
Weight approx.	16 kg	18 kg	25 kg	30 kg
Art. no.	05-1119	05-1121	05-1125 (230 V) 05-1126 (400 V)	05-1127

Polishing machines

The PS-series of polishing machines are perfectly suitable for treating surfaces of different materials. Achieve different polishing finishes, from matt to gloss, by using suitable polishing wheels and pastes.

PS 200 S

PS 250 S

- On/ off switch in accordance with IP 54 standards and undervoltage release
- Ideal device to achieve matt, polished, high gloss finishes on various materials by using optionally available polishing wheels and pastes
- Solid construction and top of the range equipment designed for professional use
- Motor comes complete with copper wiring for long life span
- Equipped with rubber feet to eliminate vibrations
- Balanced rotor with high quality ball bearings ensures a smooth run
- Aluminium die-cast machine housing in state-of-the-art design
- Suitable for polishing of metals, plastics and non-ferrous metals



Picture PS 200 S with optional extractor hood set



Sisal-cord green Ø 200 mm
Sisal-cord green Ø 250 mm



Sisal-Nettle polishing wheel Ø 200 mm
Sisal-Nettle polishing wheel Ø 250 mm



Nettle-polishing wheel
PS 1001 stepped Ø 200 mm
Nettle-polishing wheel
PS 1001 stepped Ø 250 mm



Molleton-polishing wheel PS 1004
loose Ø 200 mm
Molleton-polishing wheel PS 1004
loose Ø 250 mm

Technical data	PS 200 S	PS 250 S
Polishing wheel Ø x W	200 x 20 mm	250 x 25 mm
Bore	16 mm	20 mm
Speed	2850 rpm	2850 rpm
Motor power output S ₁ 100%	0,9 kW	1,5 kW
Motor power input S ₆ 40%	1,25 kW	2,0 kW
Voltage	230 V or 400 V	400 V
Width	580 mm	600 mm
Depth	250 mm	290 mm
Height	270 mm	300 mm
Weight approx.	19 kg	23 kg
Art.no.	05-1051 (230 V) 05-1052 (400 V)	05-1053

Standard accessories:

- Polishing wheel soft
- Polishing wheel hard

Polishing wheels and pastes see from page 54

Optional accessories:

	Art. no.	excl. VAT
Polishing wheel see page 56		
Polish paste and polish sets see page 54 55		
Extractor hood set for PS 200 S	05-2080	
Extractor hood set for PS 250 S	05-20800	
Console WH	56-1049	
Stand model H for PS-series	56-1048	
Stand model K for PS 250 S	56-10480	

Polishing machine

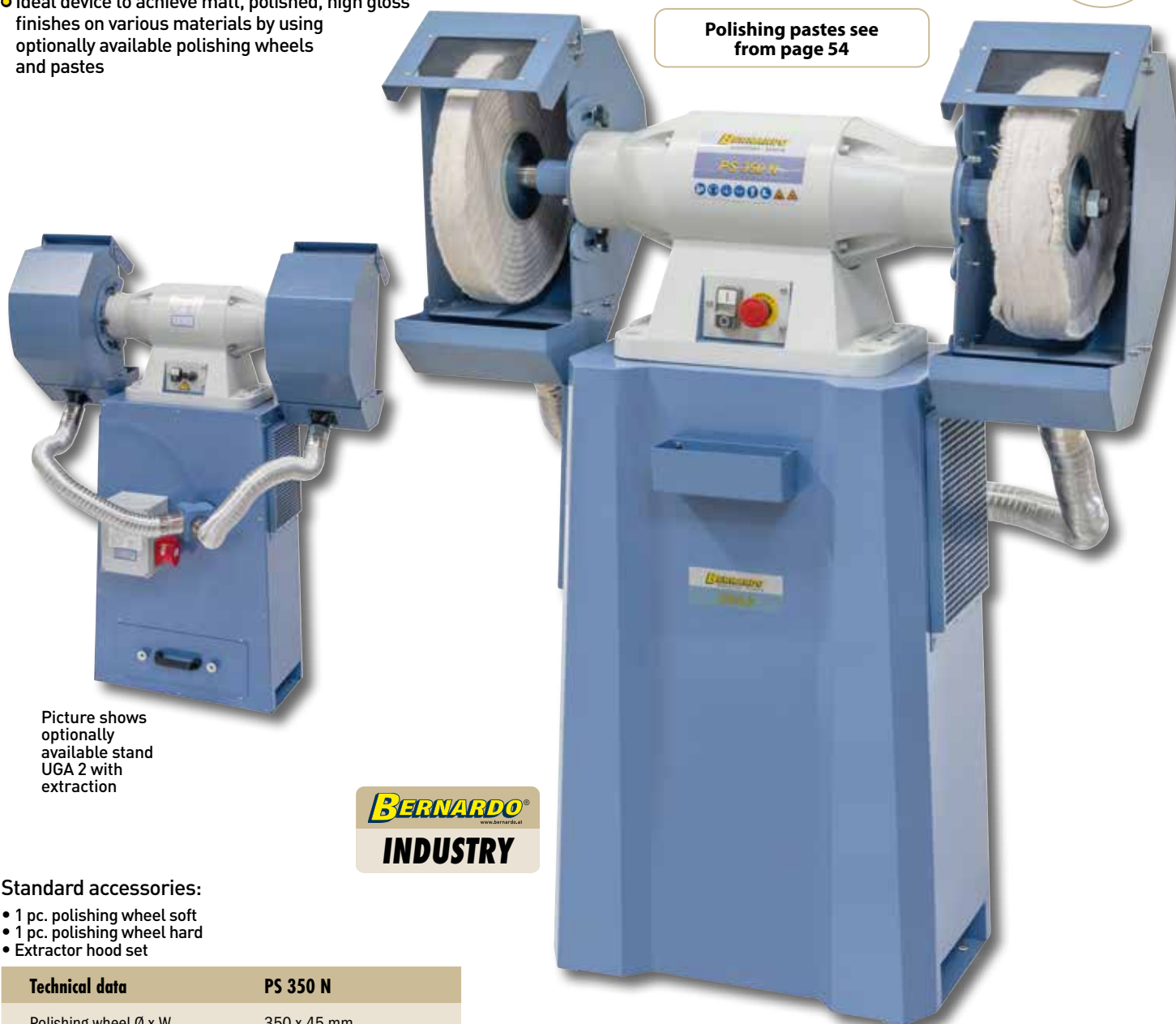
PS 350 N

The PS 350 N polishing machine is the ideal device to treat different types of materials. Various polishing results from matt to gloss can be achieved by using suitable polishing wheels and pastes.

- High quality die-cast machine housing in state-of-the-art design
- Rotor features ball bearings to ensure smooth running and long life span
- Ideal for chamfering and sanding surfaces and contours
- Solid design and top of the range accessories make this model qualify for industrial use
- Ideal device to achieve matt, polished, high gloss finishes on various materials by using optionally available polishing wheels and pastes

**Best
Price**

Polishing pastes see
from page 54



Picture shows
optionally
available stand
UGA 2 with
extraction

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INDUSTRY

Standard accessories:

- 1 pc. polishing wheel soft
- 1 pc. polishing wheel hard
- Extractor hood set

Technical data	PS 350 N
Polishing wheel Ø x W	350 x 45 mm
Bore	25 mm
Speed	1450 rpm
Motor power output S ₁ 100%	2,2 kW
Motor power input S ₆ 40%	3,0 kW
Voltage	400 V
Width	1000 mm
Depth	380 mm
Height	500 mm
Weight approx.	77 kg
Art.no.	05-10611

Optional accessories:

Polishing wheel soft, Ø 350 x 45 mm, Ø 25 mm
 Polishing wheel hard, Ø 350 x 45 mm, Ø 25 mm
 Steel brush wheel Ø 350 x 35 mm, Ø 25 mm
 Stand model G
 Stand UGA 2 with aspiration
 Polish paste see page 54

Art. no.	excl. VAT
05-18450	
05-18451	
05-18342	
56-1044	
56-10484	

Polishing machine

PS 400

The PS 400 polishing machine is the ideal device to treat different types of materials. Various polishing results from matt to gloss can be achieved by using suitable polishing wheels and pastes.

- High quality die-cast machine housing in state-of-the-art design
- Rotor features ball bearings to ensure smooth running and long life span
- Ideal for chamfering and sanding surfaces and contours
- Solid design and top of the range accessories make this model qualify for industrial use
- Ideal device to achieve matt, polished, high gloss finishes on various materials by using optionally available polishing wheels and pastes

Best Price

Polishing pastes see from page 54

NEW



Picture shows optionally available stand UGA 2 with extraction

BERNARDO
INDUSTRY

Standard accessories:

- 1 pc. polishing wheel soft
- 1 pc. polishing wheel hard
- Extractor hood set

Technical data	PS 400
Polishing wheel Ø x W	400 x 50 mm
Bore	32 mm
Speed	1450 rpm
Motor power output S ₁ 100%	5,5 kW
Motor power input S ₆ 40%	7,5 kW
Voltage	400 V
Width	1000 mm
Depth	430 mm
Height	540 mm
Weight approx.	92 kg
Art.no.	05-10610

Optional accessories:

- Polishing wheel soft, Ø 400 x 50 mm, Ø 32 mm
- Polishing wheel hard, Ø 400 x 50 mm, Ø 32 mm
- Steel brush wheel Ø 350 x 35 mm, Ø 25 mm
- Stand model G
- Stand UGA 2 with aspiration
- Polish paste see page 54

Art. no.	excl. VAT
05-18452	
05-18453	
05-1834	
56-1044	
56-10484	

Combined sanders

These combined sanding machines are suitable for processing a variety of materials, such as metals, non-ferrous metals, plastics, wood, plexiglass etc. The wide range of applications makes these models hard to miss in any workshop.

SPM 150 KSE 150

- Suitable for polishing of metals, plastics and non-ferrous materials
- Model KSE 150 features dust outlet (60 mm in diameter) at steel brush wheel
- Rotor with ball bearings ensures smooth run and long life span
- Quick and easy deburring of complicated profiles
- Powerful and low noise drive motor
- Work lamp and wheel dressing tool as part of the standard accessories (SPM 150)

NEW

KSE 150



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HOBBY

SPM 150

Standard accessories SPM 150:

- Polishing wheel hard
- Grinding wheel grit 36
- Steel brush wheel
- Working light
- Wheel dressing tool
- Spark protection on both sides
- Integrated coolant tank

Technical data	SPM 150	KSE 150
Grinding wheel Ø x W	150 x 20 mm	150 x 25 mm
Bore	12,7 mm	32 mm
Grinding wheel grit	Grit 36	Grit 36
Polishing wheel	150 x 12,5 mm	-
Steel brush wheel	150 x 12,5 mm	150 x 25 mm
Speed	2850 rpm	2850 rpm
Motor power output S ₁ 100%	0,37 kW	0,50 kW
Motor power input S ₆ 40%	0,50 kW	0,70 kW
Voltage	230 V	230 V
Width	450 mm	510 mm
Depth	280 mm	210 mm
Height	370 mm	270 mm
Weight approx.	10 kg	16 kg
Art. no.	05-1045	05-1171



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SEMIPROFESIONAL

KSE 150

Standard accessories KSE 150:

- Grinding wheel grit 36
- Steel brush wheel
- Spark protection
- Workpiece support

Optional accessories:

Grinding wheel Ø 150 x 20 mm, Ø 12,7 mm, Grit 36	05-1800
Grinding wheel Ø 150 x 20 mm, Ø 12,7 mm, Grit 80	05-1801
Polishing wheel Ø 150 x 20 mm, Ø 12,7 mm for SPM 150	05-1838
Steel brush wheel Ø 150 x 20 mm, Ø 12,7 mm for SPM 150	05-1836
Stand model F for SPM 150	56-1045
Grinding wheel Ø 150 x 25 mm, Ø 32 mm, Grit 36	05-18020
Grinding wheel Ø 150 x 25 mm, Ø 32 mm, Grit 60	05-18022
Grinding wheel Ø 150 x 25 mm, Ø 32 mm, Grit 80	05-18021
Steel brush wheel Ø 150 x 25 mm, Ø 32 mm for KSE 150	05-17990
Stand model C for KSE 150	56-1042

Art. no. excl. VAT

Combined sander

KSE 200

The combined sanding machine is suitable for processing a variety of materials, such as metals, non-ferrous metals, plastics, wood, plexiglass etc. The wide range of applications make this model hard to miss in any workshop.

- Suitable for polishing of metals, plastics and non-ferrous materials
- Model KSE 200 features dust outlet (60 mm in diameter) at steel brush wheel
- Rotor with ball bearings ensures smooth run and long life span
- Quick and easy deburring of complicated profiles
- Powerful and low noise drive motor
- Suitable for polishing of metals, plastics and non-ferrous materials
- On/off switch in accordance with IP54 standards and undervoltage release
- Large protective glass provide optimal spark protection



Complete with roughing wheel, adjustable workpiece support, safety cover fully enclosed at sides and eye protection



Ideal for deburring cut edges, derusting metal surfaces, removing paintwork,...

**Top
Preis**



Standard accessories:

- Grinding wheel grit 36
- Steel brush wheel
- Spark protection
- Workpiece support

Technical data	KSE 200
Grinding wheel Ø x W	200 x 32 mm
Bore	32 mm
Grinding wheel grit	Grit 36
Steel brush wheel	200 x 25 mm
Speed	2850 rpm
Motor power output S ₁ 100%	0,90 kW
Motor power input S ₆ 40%	1,25 kW
Voltage	230 V or 400 V
Width	570 mm
Depth	270 mm
Height	300 mm
Weight approx.	26 kg
Art. no.	05-1172 (230 V) 05-1173 (400 V)



Optional accessories:

- Grinding wheel Ø 200 x 32 mm, Ø 32 mm, Grit 36
- Grinding wheel Ø 200 x 32 mm, Ø 32 mm, Grit 60
- Grinding wheel Ø 200 x 32 mm, Ø 32 mm, Grit 80
- Steel brush wheel Ø 200 x 25 mm, Ø 32 mm
- Stand model

Art. no.	excl. VAT
05-1818A	
05-1818B	
05-1819A	
05-1799	
56-1048	

Belt and disc sander

BDSM 150 N

The BDSM 150 N belt and disc sanding machine is a versatile model for deburring and sanding of flat surfaces or contours. For model makers and craftsmen this machine is truly the ideal device no matter what shape or material.

- Complete with integrated dust port to connect a dust collector unit
- Combination of belt and disc sander allows for nearly all sanding operations in your workshop to be completed
- Suitable for sanding of soft- and hardwood, as well as plastics, non-ferrous metals and alike
- Solid and torsion-free machine housing, made from aluminium
- Quick clamping device allows for easy, straightforward change of sanding belt
- Continuous plane sanding surface allows for sanding of longer workpieces
- Machine is equipped with a powerful, maintenance-free induction motor
- Sanding disc and belt are part of standard equipment
- Sanding belt can be used horizontally and vertically
- Mitre fence comes standard
- Sanding table can be tilted from 0° to 45°

INDUCTION MOTOR

- high torque
- maintenance-free
- low noise



Belt sanding table tilts steplessly from 0° to 90°.



Tiltable sanding disc table (0° to 45°) features mitre fence.



Sanding disc table can also be used for belt sanding.



Includes velcro fastener to fasten the sanding disc.

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HOBBY

Standard accessories:

- Sanding belt 915 x 100 mm - grit 80
- Sanding disc diam. 150 mm - grit 80
- Hook and loop fastener diam. 150 mm
- Mitre fence
- Fence at belt sanding table
- Dust extraction outlet

Technical data	BDSM 150 N
Sanding belt	915 x 100 mm
Belt sanding table	250 x 120 mm
Belt sanding table tiltable	0° to 90°
Sanding disc diam.	150 mm
Sanding disc table	230 x 155 mm
Sanding disc table tiltable	0° to 45°
Belt speed	7,5 m/sec.
Dust extraction outlet	60 mm
No load speed	2850 rpm
Motor power output S ₁ 100%	370 W
Motor power input S ₆ 40%	520 W
Voltage	230 V
Machine dimension (W x D x H)	470 x 370 x 300 mm
Weight approx.	11,5 kg
Art. no.	11-4301

Optional accessories:	Art. no.	excl. VAT
Sanding disc diam. 150 mm - grit 60 (10 pcs.), Hook and loop fastener	11-2121A	
Sanding disc diam. 150 mm - grit 80 (10 pcs.), Hook and loop fastener	11-2122A	
Sanding disc diam. 150 mm - grit 100 (10 pcs.), Hook and loop fastener	11-2120A	
Sanding disc diam. 150 mm - grit 120 (10 pcs.), Hook and loop fastener	11-2123A	
Sanding disc diam. 150 mm - grit 150 (10 pcs.), Hook and loop fastener	11-2124A	
Sanding disc - set Hook and loop fastener diam. 150 mm - grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.)	11-2124B	
Hook and loop fastener diam. 150 mm	11-2132	
Sanding belt 915 x 100 mm - grit 60 (5 pcs.)	11-2111	
Sanding belt 915 x 100 mm - grit 80 (5 pcs.)	11-2112	
Sanding belt 915 x 100 mm - grit 100 (5 pcs.)	11-2115	
Sanding belt 915 x 100 mm - grit 120 (5 pcs.)	11-2113	
Sanding belt 915 x 100 mm - grit 150 (5 pcs.)	11-2114	
Sanding belt - set 915 x 100 mm - grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.)	11-2115A	
Belt cleaner	11-2175	

Belt and disc sander

BDSM 200 N

The BDSM 200 N is a highly economical model and a sanding machine available at a modest price. The wide range of applications make these models hard to miss in any DIY workshop.

- Combination of belt and disc sander allows for nearly all sanding operations in your workshop to be completed
- Complete with integrated dust port to connect a dust collector unit
- Suitable for sanding of soft- and hardwood, as well as plastics, non-ferrous metals and similar materials
- Support table with guiding on both sides, features T-slot for mitre fence
- Grinding table is positioned below the middle, to utilize the entire sanding disc
- Solid, torsion-free machine housing ensures for a smooth run, free from vibrations
- Universally applicable for sanding of edges, surface and for round grinding
- Sanding belt can be used horizontally and vertically
- High-performance motor ensures powerful torque



Surface grinding table can be used in horizontal or vertical position.



Large face sanding area with workpiece fence.

NEW



Aluminium support table can be tilted steplessly from 0° - 45°.



Standard with support table for belt grinding



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SEMIPROFESSIONAL

Standard accessories:

- Sanding belt 915 x 100 mm - grit 80
- Sanding disc diam. 200 mm - grit 80
- Mitre fence
- Dust extraction outlet 50 mm
- Fence at belt sanding table
- 2 support tables
- Tools

Technical data

BDSM 200 N

Sanding belt	915 x 100 mm
Belt sanding table	350 x 110 mm
Belt sanding table tiltable	0° to 90°
Sanding disc diam.	200 mm
Sanding disc table	265 x 150 mm
Sanding disc table tiltable	0° to 45°
Belt speed	9,2 m/sec.
No load speed	2850 rpm
Dust extraction outlet	60 mm
Motor power output S ₁ 100%	0,55 kW
Motor power input S ₆ 40%	0,80 kW
Voltage	230 V
Machine dimension (W x D x H)	570 x 525 x 310 mm
Weight approx.	17 kg
Art. no.	11-43010

Optional accessories:

	Art. no.	excl. VAT
Sanding belt 915 x 100 mm - grit 60 (5 pcs.)	11-2111	
Sanding belt 915 x 100 mm - grit 80 (5 pcs.)	11-2112	
Sanding belt 915 x 100 mm - grit 100 (5 pcs.)	11-2115	
Sanding belt 915 x 100 mm - grit 120 (5 pcs.)	11-2113	
Sanding belt 915 x 100 mm - grit 150 (5 pcs.)	11-2114	
Sanding belt - set 915 x 100 mm - grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.)	11-2115A	
Belt cleaner	11-2175	
Dust collector DC 160 / 230 V with tube (2,0 m)	12-2036	
Automatic start-up system ALV 2 / M 230 - 230 V with 4 m power cable	12-1152	

Belt and disc sander

BDSM 230 T

The belt and disc sander BDSM 230 T is suitable for straightforward sanding operations of numerous materials, such as metals, non-ferrous metals, plastics, wood, plexiglass and many others. The wide range of applications make these models hard to miss in any DIY workshop.

- Combination of belt and disc sander allows for nearly all sanding operations in your workshop to be completed
- Suitable for sanding of soft- and hardwood, as well as plastics, non-ferrous metals and similar materials
- Set screws ensure convenient adjustment of parallel belt run
- Easily changeable sanding belt, belt tension manually adjustable
- Support table with guiding on both sides, features T-slot for mitre fence
- Grinding table is positioned below the middle, to utilize the entire sanding disc
- Solid, torsion-free machine housing ensures for a smooth run, free from vibrations
- Universally applicable for sanding of edges, surface and for round grinding
- Sanding belt can be used horizontally and vertically
- High-performance motor ensures powerful torque

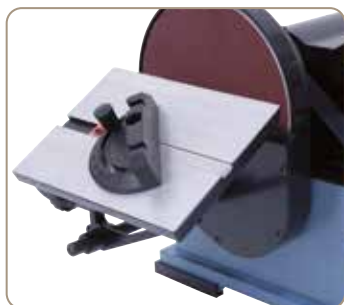


Surface grinding table can be used in horizontal or vertical position.



NEW

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SEMI-PROFESSIONAL



Aluminium support table can be tilted steplessly from 0° - 45°.



Sanding disc table can also be used for belt sanding.



Large face sanding area with workpiece fence.

Standard accessories:

- Sanding belt 1220 x 150 mm - grit 80
- Sanding disc diam. 230 mm - grit 80
- Mitre fence
- Dust extraction outlet 50 mm
- Fence at belt sanding table
- Tools

Technical data

BDSM 230 T

Sanding belt	1220 x 150 mm
Belt sanding table	340 x 180 mm
Belt sanding table tiltable	0° to 90°
Sanding disc diam.	230 mm
Sanding disc table	260 x 175 mm
Sanding disc table tiltable	0° to 45°
Belt speed	5,8 m/sec.
No load speed	1500 rpm
Dust extraction outlet	50 mm
Motor power output S1 100%	0,75 kW
Motor power input S6 40%	1,1 kW
Voltage	230 V
Machine dimension (W x D x H)	740 x 470 x 400 mm
Weight approx.	32 kg
Art. no.	11-4302

Optional accessories:

Sanding disc diam. 230 mm - grit 60 (10 pcs.), self-adhesive	11-2200A	Art. no.	excl. VAT
Sanding disc diam. 230 mm - grit 80 (10 pcs.), self-adhesive	11-2091A		
Sanding disc diam. 230 mm - grit 100 (10 pcs.), self-adhesive	11-2092A		
Sanding disc diam. 230 mm - grit 120 (10 pcs.), self-adhesive	11-2093A		
Sanding disc diam. 230 mm - grit 150 (10 pcs.), self-adhesive	11-2201A		
Sanding disc - set self-adhesive, diam. 230 mm - grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.)	11-2214		
Sanding belt 1220 x 150 mm - grit 80 (5 pcs.)	11-2127		
Sanding belt 1220 x 150 mm - grit 100 (5 pcs.)	11-2125		
Sanding belt 1220 x 150 mm - grit 150 (5 pcs.)	11-2128		
Sanding belt 1220 x 150 mm - grit 180 (5 pcs.)	11-2129		
Sanding belt - set 1220 x 150 mm - grit 80 / 100 / 150 / 180 (each 2 pcs.)	11-2130		
Belt cleaner	11-2175		
Dust collector DC 160 / 230 V with tube (2,0 m)	12-2036		
Automatic start-up system ALV 2 / M 230 - 230 V with 4 m power cable	12-1152		

Belt and disc sander

BDSM 230 S

The BDSM 230 S is a highly economical model and a sanding machine available at a modest price. The combination of belt and disc sanding machine makes these models suitable for nearly all sanding operations in your workshop.

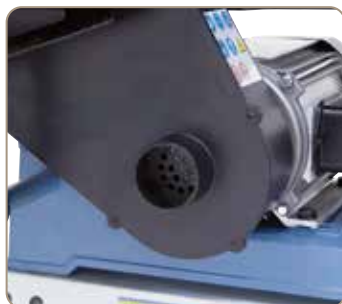
- Suitable for sanding of soft- and hardwood, as well as plastics, non-ferrous metals and similar materials
- Set screws ensure convenient adjustment of parallel belt run
- High belt speed guarantees great sanding performance
- Universally applicable for sanding of edges, surface and for round grinding
- Spring balanced clamping device allows for even belt tension
- Quick conversion from vertical to horizontal sanding position
- Sanding disc table can also be used for belt sanding operations
- Solid, torsion-free machine housing ensures for a smooth run, free from vibrations

Inclusive stand

NEW



Sanding table tilts from 0° to 45°.



Serially with 2 dust extraction outlets diam. 46 / 50 mm.

Universally useable



Large face sanding area with workpiece fence.



Standard accessories:

- Sanding belt 1220 x 150 mm - grit 80
- Sanding disc diam. 230 mm - grit 80
- Mitre fence
- Dust extraction outlet 50 mm
- Fence at belt sanding table
- Stand
- Tools

Technical data	BDSM 230 S
Sanding belt	1220 x 150 mm
Belt sanding table	440 x 170 mm
Belt sanding table tiltable	0° to 90°
Sanding disc diam.	230 mm
Sanding disc table	300 x 150 mm
Sanding disc table tiltable	0° to 45°
Belt speed	10,8 m/sec
No load speed	2580 rpm
Dust extraction outlet	46 / 50 mm
Motor power output S1 100%	1,1 kW
Motor power input S6 40%	1,65 kW
Voltage	230 V
Machine dimension (W x D x H)	730 x 660 x 1000 mm
Weight approx.	38 kg
Art. no.	11-43050

Optional accessories:

	Art. no.	excl. VAT
Sanding disc diam. 230 mm - grit 60 (10 pcs.), self-adhesive	11-2200A	
Sanding disc diam. 230 mm - grit 80 (10 pcs.), self-adhesive	11-2091A	
Sanding disc diam. 230 mm - grit 100 (10 pcs.), self-adhesive	11-2092A	
Sanding disc diam. 230 mm - grit 120 (10 pcs.), self-adhesive	11-2093A	
Sanding disc diam. 230 mm - grit 150 (10 pcs.), self-adhesive	11-2201A	
Sanding disc - set self-adhesive, diam. 230 mm - grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.)	11-2214	
Sanding belt 1220 x 150 mm - grit 80 (5 pcs.)	11-2127	
Sanding belt 1220 x 150 mm - grit 100 (5 pcs.)	11-2125	
Sanding belt 1220 x 150 mm - grit 150 (5 pcs.)	11-2128	
Sanding belt 1220 x 150 mm - grit 180 (5 pcs.)	11-2129	
Sanding belt - set 1220 x 150 mm - grit 80 / 100 / 150 / 180 (each 2 pcs.)	11-2130	
Belt cleaner	11-2175	
Dust collector DC 160 / 230 V with tube (2,0 m)	12-2036	
Automatic start-up system ALV 2 / M 230 - 230 V with 4 m power cable	12-1152	

Belt and disc sander

BDSM 230 C

The BDSM 230 C is a highly economical model and a sanding machine available at a modest price. The combination of belt and disc sanding machine makes these models suitable for nearly all sanding operations in your workshop.

- Graphite coating on belt sanding surface improves sliding capacity of sanding belt
- Set screws ensure convenient adjustment of parallel belt run
- High belt speed guarantees great sanding performance
- Universally applicable for sanding of edges, surface and for round grinding
- Spring balanced clamping device allows for even belt tension
- Solid, torsion-free machine housing ensures for a smooth run, free from vibrations
- Quick conversion from vertical to horizontal sanding position
- Sanding disc table can also be used for belt sanding operations



Sanding table tilts from 0° to 45°.



Serially with 2 dust extraction outlets diam. 50 mm.

Universally useable

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HOBBY



Large face sanding area with workpiece fence.



Standard accessories:

- Sanding belt 1220 x 150 mm - grit 80
- Sanding disc diam. 230 mm - grit 80
- Mitre fence
- Dust extraction outlet 50 mm
- Fence at belt sanding table
- Graphite coating
- Stand
- Tools

Graphite coating

Inclusive stand

Technical data

BDSM 230 C

Sanding belt	1220 x 150 mm
Belt sanding table	435 x 165 mm
Belt sanding table tiltable	0° to 90°
Sanding disc diam.	230 mm
Sanding disc table	310 x 155 mm
Sanding disc table tiltable	0° to 45°
Belt speed	5,5 m/sec.
No load speed	1420 rpm
Dust extraction outlet	2x 55 mm
Motor power output S1 100%	0,75 kW
Motor power input S6 40%	1,1 kW
Voltage	230 V
Machine dimension (W x D x H)	730 x 500 x 1000 mm
Weight approx.	49 kg
Art. no.	11-4305

Optional accessories:

Sanding disc diam. 230 mm - grit 60 (10 pcs.), self-adhesive	Art. no.	11-2200A	excl. VAT
Sanding disc diam. 230 mm - grit 80 (10 pcs.), self-adhesive		11-2091A	
Sanding disc diam. 230 mm - grit 100 (10 pcs.), self-adhesive		11-2092A	
Sanding disc diam. 230 mm - grit 120 (10 pcs.), self-adhesive		11-2093A	
Sanding disc diam. 230 mm - grit 150 (10 pcs.), self-adhesive		11-2201A	
Sanding disc - set self-adhesive, diam. 230 mm - grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.)		11-2214	
Sanding belt 1220 x 150 mm - grit 80 (5 pcs.)		11-2127	
Sanding belt 1220 x 150 mm - grit 100 (5 pcs.)		11-2125	
Sanding belt 1220 x 150 mm - grit 150 (5 pcs.)		11-2128	
Sanding belt 1220 x 150 mm - grit 180 (5 pcs.)		11-2129	
Sanding belt - set 1220 x 150 mm - grit 80 / 100 / 150 / 180 (each 2 pcs.)		11-2130	
Belt cleaner		11-2175	
Dust collector DC 230 E / 230 V with tube (2,5 m)		12-2043	
Automatic start-up system ALV 2 / M 230 - 230 V with 4 m power cable		12-1152	

Belt and disc sander

BDSM 250

The BDSM 250 is a robust belt and disc sanding machine which is suitable for processing of wood, plastics and non-ferrous metals. The disc sanding device – mounted on the side of the machine – makes this model essential combined grinding machine for semi-professionals.

- Support table with guiding on both sides, features T-slot for mitre fence
- Quick clamping device allows for easy and straightforward sanding belt change
- Continuous surface grinding support for grinding of long workpieces
- Graphite coating on surface grinding support ensures better sliding of sanding belt
- Universal in use for sanding of edges, surface and round grinding
- Clamping device with springs guarantees consistent belt tension
- Short conversion times from vertical to horizontal operation
- Solidly constructed, torsion-free machine housing keeps vibrations to a minimum



Hook and loop fastener allows for quick and easy change of sanding disc.



Comes complete with integrated dust port to connect a dust collector



Surface grinding table can be used in horizontal or vertical position.



Aluminium support table can be tilted steplessly from 0° – 45°.



Including stand and mitre fence

Standard accessories:

- Sanding belt 1220 x 150 mm – grit 80
- Sanding disc diam. 250 mm – grit 100
- Hook and loop fastener diam. 250 mm
- Mitre fence
- Fence at belt sanding table
- Graphite coating
- Dust extraction outlet
- Stand



Technical data

BDSM 250

Sanding belt	1220 x 150 mm
Belt sanding table	385 x 165 mm
Belt sanding table tiltable	0° to 90°
Sanding disc diam.	250 mm
Sanding disc table	310 x 200 mm
Sanding disc table tiltable	0° to 45°
Belt speed	8,5 m/sec
Dust extraction outlet	60 mm
No load speed	1400 rpm
Motor power output S ₁ 100%	0,75 kW
Motor power input S ₆ 40%	1,0 kW
Voltage	230 V
Machine dimension (W x D x H)	800 x 600 x 1040 (1440) mm
Weight approx.	47 kg
Art. no.	11-4307

Optional accessories:

	Art. no.	excl. VAT
Sanding disc diam. 250 mm – grit 60 (10 pcs.), Hook and loop fastener	11-2202	
Sanding disc diam. 250 mm – grit 80 (10 pcs.), Hook and loop fastener	11-2095	
Sanding disc diam. 250 mm – grit 100 (10 pcs.), Hook and loop fastener	11-2096	
Sanding disc diam. 250 mm – grit 120 (10 pcs.), Hook and loop fastener	11-2097	
Sanding disc diam. 250 mm – grit 150 (10 pcs.), Hook and loop fastener	11-2203	
Sanding disc – set hook and loop fastener, diam. 250 mm – grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.)	11-2216	
Hook and loop fastener diam. 250 mm	11-2131A	
Sanding belt 1220 x 150 mm – grit 80 (5 pcs.)	11-2127	
Sanding belt 1220 x 150 mm – grit 100 (5 pcs.)	11-2125	
Sanding belt 1220 x 150 mm – grit 150 (5 pcs.)	11-2128	
Sanding belt 1220 x 150 mm – grit 180 (5 pcs.)	11-2129	
Sanding belt set 1220 x 150 mm – grit 80 / 100 / 150 / 180 (each 2 pcs.)	11-2130	
Dust collector DC 230 E / 230 V with tube (2,5 m)	12-2043	

Disc sanding machines

The TS 250 and TS 300 disc grinding machines are designed for grinding of metals, non-ferrous metals and wood. Model TS 300 comes complete with a velcro fastener for practical disc change.

TS 250 TS 300

- Tiltable table (0° to +45°) for different machining tasks
- Universal useable for metal, non-ferrous metals and wood
- Stable machine body with rubber lining
- Balanced sanding disc ensures vibration-free run
- Grinding table is positioned below the middle, to utilize the entire sanding disc
- Powerful motor guarantees best results, even at longer operation
- Complete with integrated brake to stop the sanding disc (TS 300)



The serially equipped velcro fastener makes disc change quick and easy. (TS 300)



TS 250



Serially equipped with integrated dust extraction outlet underneath the 45° tiltable table.

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Standard accessories:

- Lockable angle fence
- Sanding disc Grit 80 (TS 250)
- Sanding disc Grit 100 (TS 300)
- Disc brake (TS 300)
- Velcro fastener (TS 300)
- Mitre fence
- Motor protective switch



TS 300

**Best
price**

Optional accessories:

	Art. no.	excl. VAT
Velcro fastener diam. 250 mm	11-2131A	
Sanding disc diam. 250 mm - Grit 60 (10 pcs.), velcro fastener	11-2202	
Sanding disc diam. 250 mm - Grit 80 (10 pcs.), velcro fastener	11-2095	
Sanding disc diam. 250 mm - Grit 100 (10 pcs.), velcro fastener	11-2096	
Sanding disc diam. 250 mm - Grit 120 (10 pcs.), velcro fastener	11-2097	
Sanding disc diam. 250 mm - Grit 150 (10 pcs.), velcro fastener	11-2203	
Sanding disc - set velcro fastener diam. 250 mm - Grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.)	11-2216	
Velcro fastener diam. 300 mm	11-2131	
Sanding disc diam. 300 mm - Grit 60 (10 pcs.), velcro fastener	11-2206	
Sanding disc diam. 300 mm - Grit 80 (10 pcs.), velcro fastener	11-2101	
Sanding disc diam. 300 mm - Grit 100 (10 pcs.), velcro fastener	11-2102	
Sanding disc diam. 300 mm - Grit 120 (10 pcs.), velcro fastener	11-2103	
Sanding disc diam. 300 mm - Grit 150 (10 pcs.), velcro fastener	11-2207	
Sanding disc - set velcro fastener diam. 300 mm - Grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.)	11-2218	
Belt cleaner	11-2175	
Stand model B 1	56-1041	

Technical data

	TS 250	TS 300
Sanding disc	250 mm	300 mm
Table size	290 x 140 mm	435 x 150 mm
Table tiltable	0° to 45°	0° to 45°
Speed	1400 rpm	1450 rpm
Dust extraction outlet	35 mm	50 mm
Motor power output S ₁ 100%	0,55 kW	0,90 kW
Motor power input S ₆ 40%	0,75 kW	1,25 kW
Voltage	230 V	230 V
Width	370 mm	450 mm
Depth	360 mm	450 mm
Height*	300 mm	400 mm
Weight approx.	15 kg	29 kg
Art. no.	05-1185	05-1186

* without stand

Disc sanding machine

TS 300 Pro

The TS 300 Pro disc grinding machine features a heavy duty, solid construction, allowing a precise and vibration-free operation. This model is predominantly used among professionals.

- Complete with integrated brake to stop the sanding disc
- Grey, cast-iron table features T-slots for the circular sanding unit and the mitre fence
- Powerful motor guarantees best results, even at longer operation
- Robust tilting device with adjustable end stops
- Includes mitre fence for accurate angle grinding
- Balanced sanding disc ensures vibration-free run
- Dust extraction below work table allows for clean working conditions
- Useable for different materials (wood, metal, plastics, etc.)



Circular grinding unit is part of standard equipment.



Tilttable grey cast-iron table features T-slots.



Complete with exhaust fan inside machine housing.

Standard accessories:

- Lockable angle fence
- Sanding disc
- Velcro fastener
- Disc brake
- Mitre fence
- Circular sanding unit
- Exhaust fan
- Stand
- Motor protective switch



Optional accessories:

	Art. no.	excl. VAT
Sanding disc 300 mm, velcro fastener Grit 60 (10 pcs.)	11-2206	
Sanding disc 300 mm, velcro fastener Grit 80 (10 pcs.)	11-2101	
Sanding disc 300 mm, velcro fastener Grit 100 (10 pcs.)	11-2102	
Sanding disc 300 mm, velcro fastener Grit 120 (10 pcs.)	11-2103	
Sanding disc 300 mm, velcro fastener Grit 150 (10 pcs.)	11-2207	
Sanding disc -set 300 mm, velcro fastener Grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.)	11-2218	
Velcro fastener	11-2131	
Belt cleaner	11-2175	

Technical data

TS 300 Pro

Sanding disc	300 mm
Table size	420 x 250 mm
Table tilttable	-15° to +45°
Working height	950 mm
Speed	1450 rpm
Dust extraction outlet	100 mm
Motor power output S ₁ 100%	0,75 kW
Motor power input S ₆ 40%	1,0 kW
Voltage	230 V
Width	460 mm
Depth	600 mm
Height	1150 mm
Weight approx.	46 kg
Art. no.	05-1188



Inclusive stand

Disc sanding machine

TS 510 Vario

The disc sanding machine TS 510 Vario is the perfect device for sanding of wood, plastics, steel and non-ferrous metals. Complete with a hook and loop fastener to allow for a quick and convenient change of sanding discs without tools.

- Includes frequency converter for stepless speed settings to allow ideal adjustment to each workpiece
- For optimal use of sanding disc the sanding table is mounted below the middle
- Powerful motor guarantees best results, even when operated continuously
- Machine base complete with lockable tool storage
- Balanced sanding disc eliminates vibrations
- Complete with dust port (100 mm) for connecting a dust collector
- Heavy machine base in torsion-free construction
- Grey cast-iron table features T-slot for mounting of mitre fence



Polished grey cast-iron table with tilting range from 0° to +45°



Electronic, stepless speed setting

NEW



Complete with mitre fence for precise grinding of angles

Inclusive stand



Standard accessories:

- Sanding disc Grit 60
- Velcro fastener
- Mitre fence
- Frequency inverter
- Machine feet

Technical data	TS 510 Vario
Sanding disc	500 mm
Table size	635 x 305 mm
Table tiltable	0° to +45°
Working height	975 mm
Speed, stepless	500 - 1500 rpm
Dust extraction outlet	100 mm
Motor power output S ₁ 100%	1,5 kW
Motor power input S ₆ 40%	2,0 kW
Voltage	400 V
Width	690 mm
Depth	630 mm
Height	1119 mm
Weight approx.	132 kg
Art. no.	05-10634

Optional accessories:

	Art. no.	excl. VAT
Velcro fastener diam. 500 mm	11-21330	
Paper sanding disc 500 mm, velcro fastener - Grit 60 (5 pcs.)	11-2108	
Paper sanding disc 500 mm, velcro fastener - Grit 80 (5 pcs.)	11-21080	
Paper sanding disc 500 mm, velcro fastener - Grit 100 (5 pcs.)	11-21081	
Paper sanding disc 500 mm, velcro fastener - Grit 120 (5 pcs.)	11-21082	
Paper sanding disc 500 mm, velcro fastener - Grit 150 (5 pcs.)	11-21083	
Paper sanding disc 500 mm, velcro fastener - Grit 180 (5 pcs.)	11-21084	
Paper sanding disc - set 500 mm, velcro fastener Grit 60 / 80 / 100 / 120 / 150 / 180 (each 2 pcs.)	11-21085	
Belt cleaner	11-2175	

Belt and disc sanding machine

BTS 510 Vario

- For optimal use of sanding disc the sanding table is mounted below the middle
- Includes frequency converter for stepless speed settings to allow ideal adjustment to each workpiece
- Machine base complete with lockable tool storage
- Individually tiltable sanding arm with dust extraction outlet
- Serially with integrated extraction for optimal working conditions and clean air at work
- Heavy machine base in torsion-free construction
- Grey cast-iron table features T-slot for mounting of mitre fence
- Powerful motor guarantees best results, even when operated continuously

NEW



Low space requirement thanks to the suction integrated in the base



Integrated extraction

Inclusive stand



Standard accessories:

- Sanding disc Grit 60
- Velcro fastener
- Sanding belt Grit 100
- Mitre fence
- Frequency inverter
- Integrated extraction

Technical data	BTS 510 Vario
Sanding belt	2000 x 50 mm
Sanding disc	500 mm
Table size	635 x 305 mm
Table tiltable	0° to +45°
Working height	1020 mm
Speed, stepless	400 - 2800 rpm
Dust extraction outlet	100 mm
Motor power output S ₁ 100%	2,2 kW
Motor power input S ₆ 40%	3,0 kW
Voltage	400 V
Width	1080 mm
Depth	1020 mm
Height	1600 mm
Weight approx.	197 kg
Art. no.	05-1065

Optional accessories:	Art. no.	excl. VAT
Sanding discs see page 28		
Fabric sanding belt 2000 x 50 mm - Grit 40 (10 pcs.)	49-1051	
Fabric sanding belt 2000 x 50 mm - Grit 60 (10 pcs.)	49-1052	
Fabric sanding belt 2000 x 50 mm - Grit 80 (10 pcs.)	49-1053	
Fabric sanding belt 2000 x 50 mm - Grit 100 (10 pcs.)	49-1054	
Fabric sanding belt 2000 x 50 mm - Grit 120 (10 pcs.)	49-1055	
Fabric sanding belt 2000 x 50 mm - Grit 150 (10 pcs.)	49-1055A	
Fabric sanding belt 2000 x 50 mm - Grit 180 (10 pcs.)	49-1055B	
Fabric sanding belt-set 2000 x 50 mm - Grit 40/60/80/100/120/150/180 (each 2 pcs.)	49-1056	

Oscillating spindle sanding machine

OVS 40

- Standard dust port (38 mm) allows the connection of a dust collector
- Convenient shelf on machine frame to rest sanding sleeves and table inserts
- Powerful motor guarantees best results, even when operated continuously
- Top price-to-performance ration, ideal for amateurs and craftsmen
- Wide application range for various materials, such as wood, plastics....
- 6 Complete with 6 sanding sleeves (13 x 115 mm / 19 x 115 mm / 26 x 115 mm / 38 x 115 mm / 51 x 115 mm / 76 x 115 mm)
- Quick and easy change of sanding sleeves
- Oscillating stroke 16 mm to achieve perfectly polished surfaces
- Spindle mounted with precision to ensure for high work convenience



Standard accessories

**Best
price**



Serially dust port allows the connection of a dust collector.

Incl. Oscillation

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Standard accessories:

- 6 sanding sleeves – grit 80
- 5 rubber sleeves
- 6 table inserts round (Ø 13 / 19 / 26 / 38 / 51 / 76 mm)
- 3 spindle washer (Ø 15 / 21 / 46 mm)
- Tools

Optional accessories

	Art. no.	excl. VAT
Sanding sleeve-set Ø 13/19/26/38/51/76 mm - grit 80	11-2142	
Sanding sleeve-set Ø 13/19/26/38/51/76 mm - grit 100	11-21420	
Sanding sleeve-set Ø 13/19/26/38/51/76 mm - grit 120	11-21421	
Sanding sleeve-set Ø 13/19/26/38/51/76 mm - grit 240	11-21422	
Rubber sleeve Ø 19 mm	11-2144	
Rubber sleeve Ø 26 mm	11-21440	
Rubber sleeve Ø 38 mm	11-21441	
Rubber sleeve Ø 51 mm	11-21442	
Rubber sleeve Ø 76 mm	11-21443	
Table inserts Ø 13/19/26/38/51/76 mm	11-2146	
Belt cleaner	11-2175	
Bucket dust collector BDC 1200	12-1996	

Technical data

OVS 40

Table size	365 x 290 m
Oscillation / min	58
Oscillation stroke	16 mm
Spindel diameter	12,7 mm
Sanding sleeve diameter	13/19/26/38/51/76 mm
Spindle speed	2000 rpm
Dust extraction outlet	38 mm
Motor power	0,45 kW / 230 V
Machine dimension (W x D x H)	350 x 410 x 450 mm
Weight approx.	12,7 kg
Art. no.	11-4333

Oscillating spindle-belt sanding machine

OSB 60

Sanding machines

- Powerful drive motor, even at heavy workload during continuous operation
- Convenient shelf on machine frame to rest sanding sleeves and table inserts
- Continuously plane sanding surface allows for sanding of longer workpieces
- Universally applicable for sanding of edges, surface and for round grinding
- Solid, torsion-free machine housing ensures for a smooth run, free from vibrations
- Spindle mounted with precision to ensure for high work convenience
- Oscillating stroke 16 mm which eliminates the sticking of resin
- Quick and easy change of sanding sleeves
- Large work table, stepless tiltable from 0° - 45°
(can be locked at 0° / 15° / 22.5° / 30° and 45°)



Stepless tiltable working table from 0° to 45°



Quick and easy changing from belt to spindle grinding

Incl. Oscillation

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Standard accessories:

- 6 sanding sleeves – grit 80 (Ø 13 / 19 / 26 / 38 / 51 mm)
- 4 rubber sleeves (Ø 19 / 26 / 38 / 51 x 115 mm)
- 5 table inserts round (Ø 13 / 19 / 26 / 38 / 51 mm)
- 3 spindle washer (Ø 15 / 21 / 46 mm)
- Sanding belt 610 x 100 mm – Grit80
- Sanding belt attachment
- Cover for sanding belt attachment
- Workpiece fence
- Tools



Technical data

OSB 60

Sanding belt	610 x 100 mm
Sanding area	220 x 100 mm
Belt speed	8 m/sec.
Oscillation / min	58
Oscillation stroke	16 mm
Spindel diameter	12,7 mm
Sanding sleeve diameter	13/19/26/38/51 mm
Spindle speed	2000 rpm
Table size	410 x 410 mm
Table tiltable	0° to + 45°
Dust extraction outlet	38 mm
Motor power	0,45 kW / 230 V
Machine dimension (W x D x H)	405 x 470 x 460 mm
Weight approx.	12,7 kg
Art. no.	11-4334

Optional accessories

	Art. no.	excl. VAT
Sanding sleeve-set Ø 13/19/26/38/51 mm - K 80	11-2143	
Sanding sleeve-set Ø 13/19/26/38/51 mm - K 100	11-21430	
Sanding sleeve-set Ø 13/19/26/38/51 mm - K 120	11-21431	
Sanding sleeve-set Ø 13/19/26/38/51 mm - K 240	11-21432	
Rubber sleeve Ø 19 mm	11-2144	
Rubber sleeve Ø 26 mm	11-21440	
Rubber sleeve Ø 38 mm	11-21441	
Rubber sleeve Ø 51 mm	11-21442	
Table inserts Ø 13/19/26/38/51 mm	11-2147	
Belt cleaner	11-2175	
Sanding belt 610 x 100 mm - grit 80 (10 pcs.)	49-0957	
Sanding belt 610 x 100 mm - grit 100 (10 pcs.)	49-0958	
Sanding belt 610 x 100 mm - grit 120 (10 pcs.)	49-0959	
Sanding belt 610 x 100 mm - grit 240 (10 pcs.)	49-0960	
Bucket dust collector BDC 1200	12-1996	

Oscillating spindle sanding machine

OVS 80

- Complete with three sanding spindles, 19 x 90 mm, 38 x 140, 50 x 140 mm
- Quick and easy change of sanding sleeves
- Work table tilts from 0° to 45° to widen the application range
- Convenient shelf on machine frame to rest sanding sleeves and table inserts
- Oscillating stroke 24 mm to achieve perfectly polished surfaces
- On-off switch with undervoltage release in accordance with IP54
- Standard dust port (50 mm) allows the connection of a dust collector
- Top price-to-performance ration, ideal for amateurs and craftsmen



Serially dust port allows the connection of a dust collector.



Sanding spindles with diam. 18 / 35 / 50 mm come standard.

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Technical data

OVS 80

Table size	370 x 370 mm
Oscillation / min	60
Oscillation stroke	24 mm
Max. sanding height	95 mm
Table tiltable	0° - 45°
Dust extraction outlet	50 mm
Spindle speed	1400 rpm
Table height	910 mm
Motor power	0,37 kW / 230 V
Machine dimension (W x D x H)	460 x 460 x 1060 mm
Weight approx.	33 kg
Art. no.	11-4335

Standard accessories OVS 80:

- 3 sanding spindles
- 3 sanding sleeves – Grit80
- 2 table inserts round
- 2 table inserts oval
- Stand

Optional accessories

Sanding sleeve-set diam. 19/38/50 mm – grit 100 (5 pcs.)	Art. no.	excl. VAT
Belt cleaner	11-2139	11-2175

Edge sanding machine

HV 70

The HV 70 is a compact, versatile edge sanding machine that features two tiltable support tables and can be used both in horizontal and vertical position. The unbeatable price-to-benefit ratio makes this model ideal for craftsmen.

- Complete with angle adjustable support table for contour sanding
- Dust port and mitre fence are part of standard equipment
- Graphite coating on sanding table increase the sliding capacity of sanding belt
- Quick clamping device allows for easy change of sanding belt
- Fence for horizontal sanding comes standard
- Sanding unit can be used horizontally and vertically to increase the range of applications



Complete with support table (tilts up to 45°) for contour sanding.



Height adjustable work table (up to 110 mm) ensures ideal use of sanding belt width.



Sanding unit can be used horizontally and vertically.

VOLTAGE

Alternatively in
230 V or 400 V



Work table tilts from 0° to 45°.



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Technical data

HV 70

Work table	780 x 220 mm
Table height adjustment	95 mm
Belt length	2010 mm
Belt width	150 mm
Sanding table	810 x 150 mm
Sanding unit lockable	90° / 0°
Tilting of work table	0° - 45°
Belt speed	13 m/sec.
Supporting table	510 x 220 mm
Dust extraction outlet	100 mm
Roller diam.	70 mm
Motor power output S ₁ 100%	1,1 kW (1,5 HP)
Motor power input S ₆ 40%	1,65 kW (2,25 HP)
Voltage	230 V or 400 V
Machine dimension (W x D x H)	1300 x 600 x 1000 mm
Weight approx.	86 kg
Art. no.	11-4140 (230 V) 11-4145 (400V)

Standard accessories:

- Supporting table
- Graphite coating
- Mitre fence
- Fence at sanding table
- Stand
- Sanding belt 2010 x 150 mm – grit 60

Optional accessories:

	Art. no.	excl. VAT
Sanding belt 2010 x 150 mm - grit 60 (5 pcs.)	11-2000B	
Sanding belt 2010 x 150 mm - grit 80 (5 pcs.)	11-2001B	
Sanding belt 2010 x 150 mm - grit 100 (5 pcs.)	11-2002B	
Sanding belt 2010 x 150 mm - grit 120 (5 pcs.)	11-2003B	
Sanding belt 2010 x 150 mm - grit 150 (5 pcs.)	11-2004B	
Sanding belt 2010 x 150 mm - grit 180 (5 pcs.)	11-2005B	
Sanding belt 2010 x 150 mm - grit 220 (5 pcs.)	11-2006B	
Sanding belt - set 2010 x 150 mm - grit 60 / 80 / 100 / 120 / 150 / 180 / 220 (each 2 pcs.)	11-2007B	
Belt cleaner	11-2175	
Dust collector DC 250 CF / 230 V	12-2085	

Edge sanding machine

KSM 2100 P

- Oscillating sanding belt guarantees high removal capacity and leaves a clean finish
- Amply sized worktable features integrated T-slot to intake mitre fence
- Quick clamping lever allows for easy sanding belt change
- Spring balanced belt tension ensures automatic adjustment of differences in sanding belt lengths
- Stepless tilting of sanding unit for vertical and horizontal sanding operations
- Graphite coating on sanding table increases the sliding capacity of sanding belt
- Complete with mechanically oscillating sanding unit to ensure optimal use of sanding belt



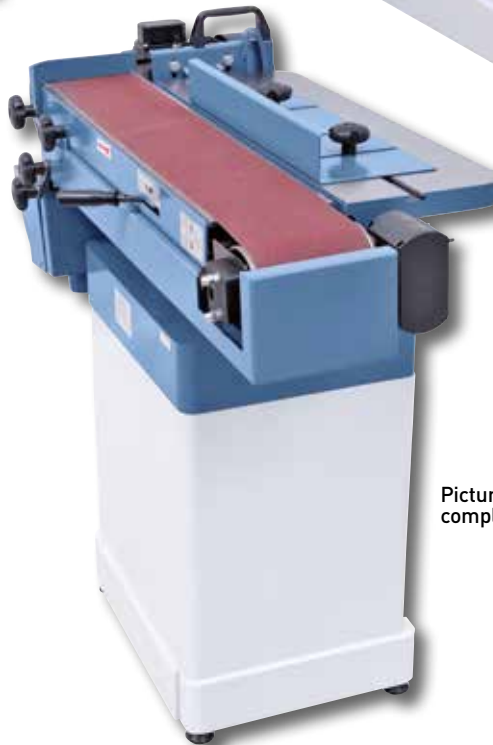
Pictured with extractable table extension (Optional)

**Best
Price**

**Wide range of standard
accessories**



Incl. Oscillation



**Including stand and
mitre fence**

Picture of horizontal position
complete with fence.

Rubber-coated sanding roll

Technical data KSM 2100 P

Work table	750 x 250 mm
Table height adjustment	80 mm
Belt length	2260 mm
Belt width	150 mm
Sanding table	820 x 170 mm
Sanding unit tiltable	90° - 0°
Belt speed	16,3 m/sec.
Supporting table	300 x 245 mm
Dust extraction outlet	100 mm
Roller diameter	110 mm
Motor power output S ₁ 100%	2,2 kW (3,0 HP)
Motor power input S ₆ 40%	3,0 kW (4,0 HP)
Voltage	400 V
Machine dimension (W x D x H)	1270 x 600 x 1200 mm
Weight approx.	120 kg
Art. no.	11-4171

The KSM 2100 P edge sanding machine comes complete with oscillation of sanding belt and horizontally and vertically tiltable sanding unit. These equipment features makes this model versatile and predominantly used by experienced craftsmen.

KSM 2100 P



Oscillating sanding unit features stroke of 10 mm.



Spring balanced belt tension ensures for automatic elimination of differences in belt lengths.



Sanding unit can be tilted steplessly from vertical to horizontal position.



Support table for contour sanding, comes complete with rubber-coated sanding roller.



Ergonomically arranged handwheel on front of machine allows for convenient height adjustment of work table.



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Standard accessories:

- Sanding belt 2260 x 150 mm - grit 80
- Supporting table
- Graphite coating
- Mitre fence
- Stop bar
- Rubber coated sanding roller
- Stand with tool storage

Optional accessories:

	Art. no.	excl. VAT
Sanding belt 2260 x 150 mm - grit 60 (5 pcs.)	11-2015	
Sanding belt 2260 x 150 mm - grit 80 (5 pcs.)	11-2016	
Sanding belt 2260 x 150 mm - grit 100 (5 pcs.)	11-2017	
Sanding belt 2260 x 150 mm - grit 120 (5 pcs.)	11-2018	
Sanding belt 2260 x 150 mm - grit 150 (5 pcs.)	11-2019	
Sanding belt 2260 x 150 mm - grit 180 (5 pcs.)	11-2020	

Optional accessories:

	Art. no.	excl. VAT
Sanding belt 2260 x 150 mm - grit 220 (5 pcs.)	11-2021	
Sanding belt - set 2260 x 150 mm - grit 60 / 80 / 100 / 120 / 150 / 180 / 220 (je 2 pcs.)	11-2022	
Extractable table extension	11-4456	
Dust collector DC 250 CF / 230 V	12-2085	
Automatic start-up system ALV 10 / 1 M	12-1150	

Edge sanding machine with oscillation

HV 80 OSZI

- Height adjustable, grey cast-iron table allows for sanding belt to be used along its entire width
- Spring balanced clamping device guarantees even belt tension
- Oscillation ensures optimal use of the sanding belt
- Complete with mitre fence, adjustable from -45° to $+45^\circ$
- Clamping lever allows for quick and easy sanding belt change
- Tool storage with shelving is part of standard equipment

**Best
Price**



Ergonomically arranged handwheel on front of machine allows for convenient height adjustment of work table.



Complete with mitre fence and scale for precise sanding of angles.

**Linear guiding of
sanding unit**

Standard accessories:

- Sanding belt 2510 x 150 mm – grit 100
- Supporting table
- Mitre fence
- Sanding belt oscillation
- Stop bar
- Stand (with tool storage)

Technical data	HV 80 OSZI
Work table	850 x 300 mm
Table height adjustment	90 mm
Belt length	2510 mm
Belt width	150 mm
Sanding table	950 x 200 mm
Sanding unit lockable	$90^\circ / 0^\circ$
Belt speed	16 m/sec.
Supporting table	300 x 250 mm
Dust extraction outlet	100 mm
Roller diam.	110 mm
Motor power output S_1 100%	1,5 kW (2,0 HP)
Motor power input S_6 40%	2,1 kW (2,8 HP)
Voltage	400 V
Machine dimension (W x D x H)	1400 x 680 x 1220 mm
Weight approx.	148 kg
Art. no.	11-4150



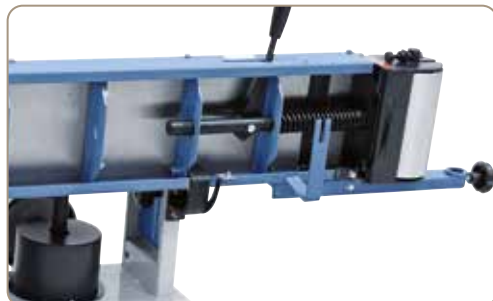
Sanding unit can be locked steplessly at any position from 0° to 90° .



For an additional range of applications the sanding unit can be tilted into horizontal position.

The HV 80 OSZI is a powerful, universal edge sanding machine suitable for sanding of wood, glass, plastics and non-ferrous metals. When using fabric belts, metals can also be sanded. The stepless tilting function in vertical position increases the application area significantly.

HV 80 OSZI



Spring balanced belt tension ensures for automatic elimination of differences in belt lengths.



The height adjustable support table allows sanding of contours at the reverse roller.



Linear guide of sanding unit in vertical direction (instead of tilting function) for flawless results.



Incl. Oscillation

Pictured with extractable table extension (Optional)



Optional accessories:

	Art. no.	excl. VAT
Sanding belt 2510 x 150 mm - grit 60 (5 pcs.)	11-2010B	
Sanding belt 2510 x 150 mm - grit 80 (5 pcs.)	11-2011B	
Sanding belt 2510 x 150 mm - grit 100 (5 pcs.)	11-2012B	
Sanding belt 2510 x 150 mm - grit 120 (5 pcs.)	11-2013B	
Sanding belt 2510 x 150 mm - grit 150 (5 pcs.)	11-2014B	
Sanding belt 2510 x 150 mm - grit 180 (5 pcs.)	11-2008B	
Sanding belt 2510 x 150 mm - grit 220 (5 pcs.)	11-2009B	
Sanding belt - set 2510 x 150 mm - grit 60 / 80 / 100 / 120 / 150 / 180 / 220 (each 2 pcs.)	11-2014C	

Optional accessories:

	Art. no.	excl. VAT
Extractable table extension	11-4456	
Graphite coating, b = 200 mm (1 rm)	11-2158	
Belt cleaner	11-2175	
Dust collector DC 350 CF / 230 V	12-2090	
Dust collector DC 450 CF / 230 V	12-2095	
PU-tube diam. 100 mm (6 m)	12-1077	
Automatic start-up system ALV 10 / 1 M	12-1150	

Edge sanding machine with oscillation

KSM 2740 CN

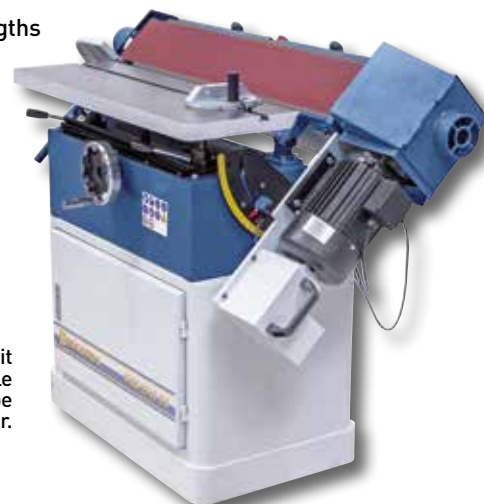
- Oscillating sanding belt guarantees sufficient removal and even results
- Spring balanced belt tension ensures automatic adjustment of differences in sanding belt lengths
- Amply sized work table features integrated T-slot for mounting of mitre fence
- Quick clamping lever allows for convenient change of sanding belt
- Sanding unit tilts steplessly for vertical and horizontal sanding operations
- Graphite coating on sanding table increases gliding capacity of sanding belt
- Additional emergency stop-button on sanding unit for maximum safety
- Height adjustable work table can be moved to front or rear
- Comes complete with three replaceable sanding sleeves (38, 50 and 76 mm)
- Support table features height adjustment and four inserts for sanding rollers
- Dust port (100 mm) on both sides for optimal dust removal
- Handwheel ensures user-friendly height adjustment of work table



Universal mobile base allows for easy change of location. (optional extra)

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Picture shows tilted sanding unit (up to 90°). The height adjustable work table can additionally be moved from front to rear.



KSM 2740 CN with horizontally tilted sanding unit for a larger application area.



Standard accessories:

- Sanding belt oscillation
- Support table
- Graphite coating
- 3 sanding rollers
- Mitre fence
- 3 sanding sleeves diam. 38 / 50 / 76 mm – grit 100
- Sanding belt 2740 x 150 mm – grit 100
- Stop bar
- Switch-plug-combination
- Emergency stop at sanding unit
- Rubber coated sanding roller
- Stand with tool storage
- Tools

Technical data

KSM 2740 CN

Work table	900 x 305 mm
Table height adjustment	120 mm
Belt length	2740 mm
Belt width	150 mm
Sanding table	1010 x 175 mm
Sanding unit tiltable	90° - 0°
Belt speed	16 m/sec.
Supporting table	290 x 260 mm
Oscillation stroke	12 mm
Dust extraction outlet	2 x 100 mm
Motor power output S ₁ 100%	2,2 kW (3,0 HP)
Motor power input S ₆ 40%	3,0 kW (4,0 HP)
Voltage	400 V
Machine dimension (W x D x H)	1540 x 750 x 1140 mm
Weight approx.	220 kg
Art. no.	11-4199

The KSM 2740 CN is a robust edge sanding machine complete with mechanical oscillation of sanding belt. The extensive standard equipment and the optimal price-to-performance ratio make this versatile machine an ideal solution for professional users.

KSM 2740 CN



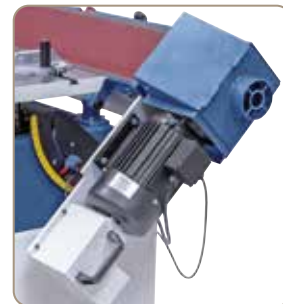
Three sanding sleeves for contour sanding are part of standard equipment.



Rubber-coated sanding roller comes standard.



Steplessly tiltable sanding unit for vertical and horizontal sanding.



Robust tilting device, sanding unit can be set to an angle between 0° to 90°.



Incl. Oscillation

Wide range of standard accessories

Optional accessories:

	Art. no.	excl. VAT
Sanding belt 2740 x 150 mm - grit 60 (5 pcs.)	11-2045	
Sanding belt 2740 x 150 mm - grit 80 (5 pcs.)	11-2046	
Sanding belt 2740 x 150 mm - grit 100 (5 pcs.)	11-2047	
Sanding belt 2740 x 150 mm - grit 120 (5 pcs.)	11-2048	
Sanding belt 2740 x 150 mm - grit 150 (5 pcs.)	11-2049	
Sanding belt 2740 x 150 mm - grit 180 (5 pcs.)	11-2050	
Sanding belt 2740 x 150 mm - grit 220 (5 pcs.)	11-2051	
Sanding belt - set 2740 x 150 mm - grit 60 / 80 / 100 / 120 / 150 / 180 / 220 (each 2 pcs.)	11-2052	

Optional accessories:

	Art. no.	excl. VAT
Sanding sleeve diam. 38 mm grit 120 (5 pcs.)	11-2030	
Sanding sleeve diam. 50 mm grit 120 (5 pcs.)	11-2031	
Sanding sleeve diam. 76 mm grit 120 (5 pcs.)	11-2032	
Extractable table extension	11-4456	
Dust collector DC 350 CF / 230 V	12-2090	
Dust collector DC 450 CF / 230 V	12-2095	
PU-tube diam. 100 mm (6 m)	12-1077	
Automatic start-up system ALV 10 / 1 M	12-1150	
Universal mobile base UFW 300	56-10705	

Edge sanding machine with oscillation

KSM 2600 C

- Suitable for sanding of wood, plastics and similar materials
- Oscillating sanding belt guarantees generous removal of material and smooth finish
- Dust port on both sides (80 / 100 mm) for optimal dust removal
- Oscillation of sanding belt with separate drive motor can be switched on
- Spring balanced belt tension allows automatic adjustment of differences in sanding belt lengths
- Handwheel ensures user-friendly height adjustment of work table
- Torsion-free, steel-plate machine base eliminates vibrations



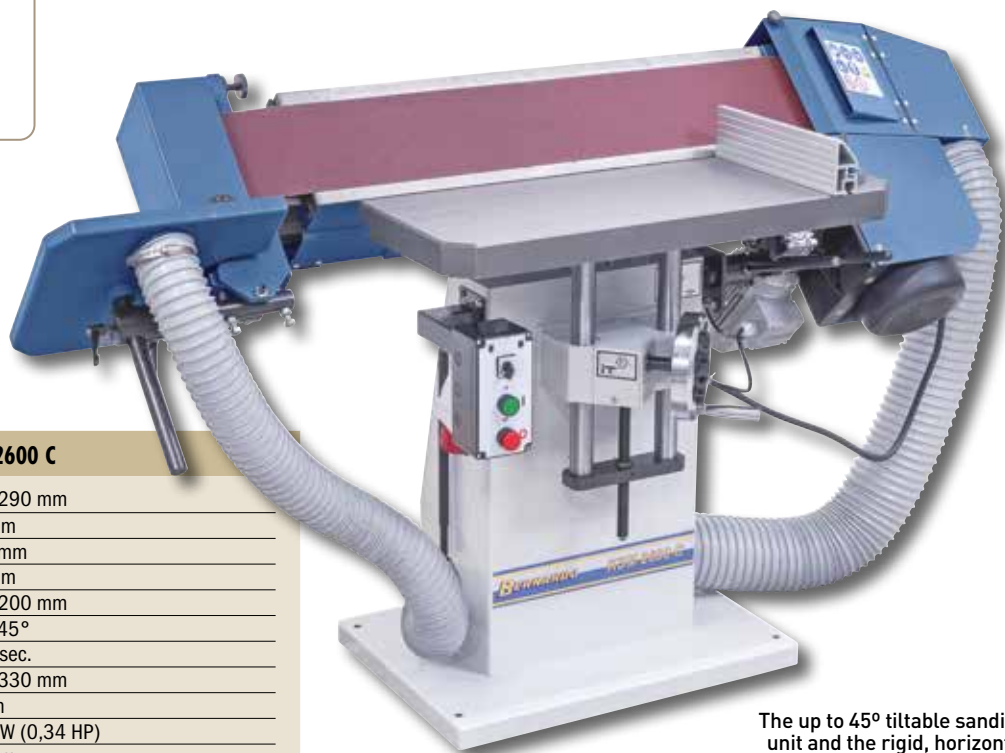
Quick clamping-device allows for user-friendly change of sanding belt.



The height adjustable work table can additionally be moved from front to rear.



Height adjustable work table ensures optimal use of sanding belt width. Pictured with extractable table extension (Optional)



**Best
Price**

Technical data

KSM 2600 C

Work table	750 x 290 mm
Table height adjustment	185 mm
Belt length	2600 mm
Belt width	150 mm
Sanding table	850 x 200 mm
Sanding unit tiltable	90° - 45°
Belt speed	20 m/sec.
Supporting table	330 x 330 mm
Oscillation stroke	20 mm
Oscillation motor	0,25 kW (0,34 HP)
Dust extraction outlet	120 mm
Motor power output S ₁ 100%	3,0 kW (4,0 HP)
Motor power input S ₆ 40%	4,5 kW (6,0 HP)
Voltage	400 V
Machine dimension (W x D x H)	1700 x 700 x 1080 mm
Weight approx.	180 kg
Art. no.	11-4192

Standard accessories:

- Sanding belt oscillation
- Sanding belt 2600 x 150 mm – grit 100
- Support table
- Graphite coating
- Mitre fence
- Tube

The up to 45° tiltable sanding unit and the rigid, horizontal position of the worktable makes processing of heavy workpieces significantly easier.

The KSM 2600 C edge sanding machine features an oscillating sanding belt with independent drive motor. The sanding unit can quickly be adjusted from 90° to 45° and allows sanding of straight and bevelled edges.

KSM 2600 C



Rotary sanding table features dust port for ideal sanding of radius or contour.



Maintenance-free drive motor allows for oscillation of sanding belt.



Adjustable mitre fence and moveable ruler come standard.



Quick clamping lever ensures quick bevelling and locking of sanding unit.

Incl. Oscillation



Optional accessories:

	Art. no.	excl. VAT
Sanding belt 2600 x 150 mm - grit 60 (5 pcs.)	11-2040B	
Sanding belt 2600 x 150 mm - grit 80 (5 pcs.)	11-2041B	
Sanding belt 2600 x 150 mm - grit 100 (5 pcs.)	11-2042B	
Sanding belt 2600 x 150 mm - grit 120 (5 pcs.)	11-2043B	
Sanding belt 2600 x 150 mm - grit 150 (5 pcs.)	11-2044B	
Sanding belt 2600 x 150 mm - grit 180 (5 pcs.)	11-2038B	
Sanding belt 2600 x 150 mm - grit 220 (5 pcs.)	11-2037B	
Sanding belt - set 2600 x 150 mm - grit 60 / 80 / 100 / 120 / 150 / 180 / 220 (each 2 pcs.)	11-2039B	

Optional accessories:

	Art. no.	excl. VAT
Belt cleaner	11-2175	
Extractable table extension	11-4456	
Dust collector DC 450 CF / 230 V	12-2095	
Cyclone-extractor RLA 1500 / 400 V	12-2168	
Cyclone-extractor RLA 2000 / 400 V	12-2167	
PU-tube diam. 100 mm (6 m)	12-1078	
Automatic start-up system ALV 10 / 1 M	12-1150	

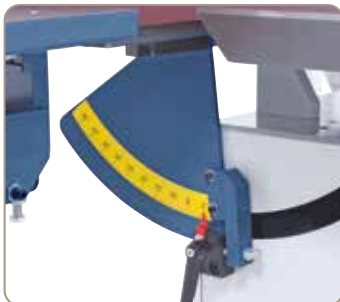
Edge sanding machine with veneer sanding device

KSM 3000 C

- Heavy machine stand in torsion- and vibration-free construction, extremely solid
- Grooved infeed ruler, optimal for sanding of excess veneer
- Dust port 80 / 100 mm on both sides for optimal chip removal
- Oscillating sanding belt guarantees sufficient removal and even results
- Maintenance-free sanding belt oscillation with separate drive motor can be switched on
- Height adjustable sanding table allows usage of entire sanding belt
- Comes with veneer sanding device with fine adjustment
- Quick conversion from veneer to solid timber sanding
- Handwheels allow for height adjustment of work table and tilting of sanding unit
- Spring balanced belt tension ensures automatic adjustment of differences in sanding belt lengths
- Height adjustable support table for sanding of a radius features dust extraction



Grooved infeed ruler for excess veneer parts.



Tiltable sanding unit (90° to 45°) with adjustable end stop at 90°.

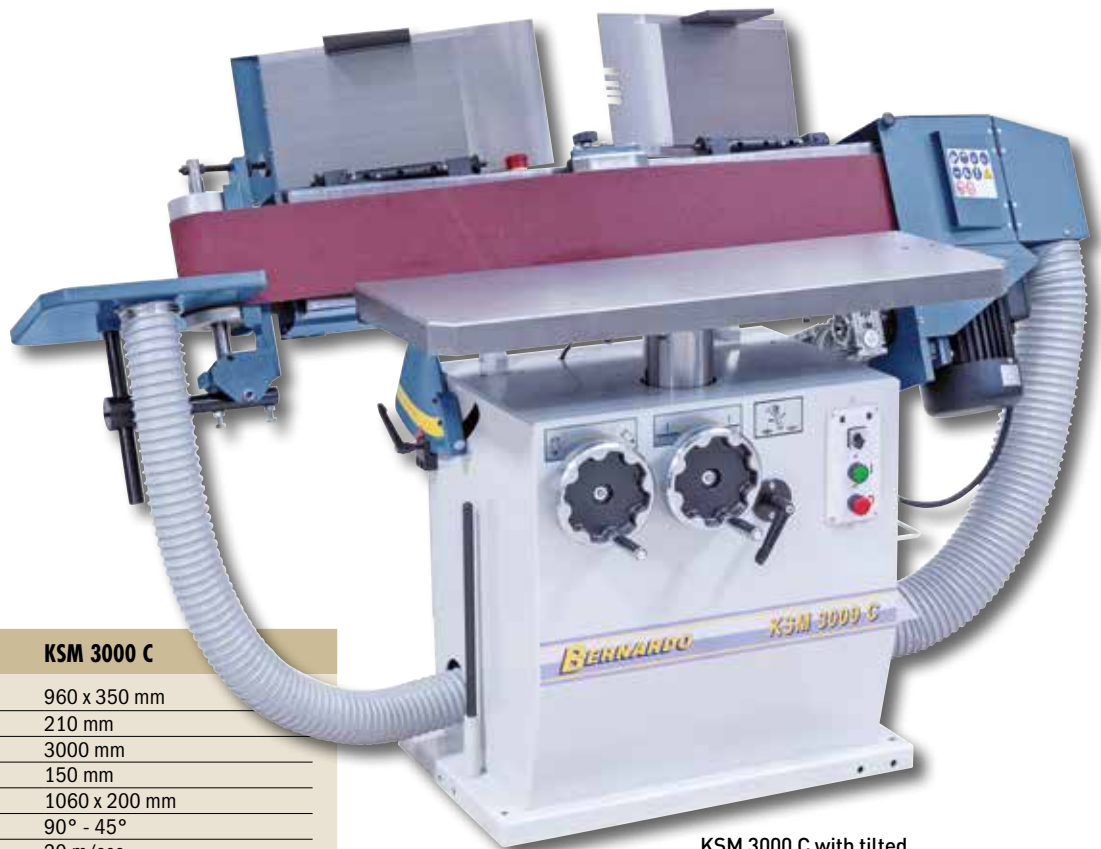


Height adjustable support table with extraction unit allows for sanding of contours at the reverse roller.

Wide range of standard accessories

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Incl. veneer sanding device



KSM 3000 C with tilted sanding unit and folded up veneer sanding fences.

Technical data

KSM 3000 C

Work table	960 x 350 mm
Table height adjustment	210 mm
Belt length	3000 mm
Belt width	150 mm
Sanding table	1060 x 200 mm
Sanding unit tiltable	90° - 45°
Belt speed	20 m/sec.
Supporting table	330 x 330 mm
Oscillation stroke	20 mm
Oscillation motor	0,25 kW (0,34 HP)
Dust extraction outlet	120 mm
Motor power output S ₁ 100%	3,0 kW (4,0 HP)
Motor power input S ₆ 40%	4,5 kW (6,0 HP)
Voltage	400 V
Machine dimension (W x D x H)	1910 x 840 x 1020 mm
Weight approx.	330 kg
Art. no.	11-4206

Standard accessories:

- Sanding belt 3000 x 150 mm – grit 100
- Sanding belt oscillation
- Veneer sanding device
- Support table
- Graphite coating
- Mitre fence
- Sanding pad
- Tube

**Best
Price**

The KSM 3000 C solid edge sanding machine is equipped with a veneer sanding device, allowing for immediate conversion from veneer to solid timber. Most often this machine is used by experienced amateurs and industrial businesses.

KSM 3000 C



Sanding fence with fine adjustment and automatic locking mechanism.



Quick folding up of sanding fences for sanding solid timber.



Oscillation stroke done by high-quality linear guide.



Sanding belt oscillation with independent motor.



Pictured with extractable table extension (Optional)

Incl. Oscillation

Optional accessories:

	Art. no.	excl. VAT
Sanding belt 3000 x 150 mm - grit 60 (5 pcs.)	11-2060B	
Sanding belt 3000 x 150 mm - grit 80 (5 pcs.)	11-2061B	
Sanding belt 3000 x 150 mm - grit 100 (5 pcs.)	11-2062B	
Sanding belt 3000 x 150 mm - grit 120 (5 pcs.)	11-2063B	
Sanding belt 3000 x 150 mm - grit 150 (5 pcs.)	11-2064B	
Sanding belt 3000 x 150 mm - grit 180 (5 pcs.)	11-2065B	
Sanding belt 3000 x 150 mm - grit 220 (5 pcs.)	11-2066B	
Sanding belt - set 3000 x 150 mm - grit 60 / 80 / 100 / 120 / 150 / 180 / 220 (each 2 pcs.)	11-2067B	

Optional accessories:

	Art. no.	excl. VAT
Belt cleaner	11-2175	
Extractable table extension	11-4456	
Dust collector DC 450 CF / 230 V	12-2095	
Cyclone-extractor RLA 1500 / 400 V	12-2168	
Cyclone-extractor RLA 2000 / 400 V	12-2167	
PU-tube diam. 100 mm (6 m)	12-1078	
Automatic start-up system ALV 10 / 1 M	12-1150	

Cylinder sanding machines

- Set variable conveyor belt speed
- Suitable for major commercial grinding abrasive cloths
- Scale ensures precise height adjustment of sanding unit
- Handwheel and scale allow for accurate adjustment of the sanding unit to thickness of workpiece
- Complete with dust port to connect an dust collector for a clean workplace
- Powerful motor guarantees best results
- When side support not in use machine suitable for double the grinding width (eg. for frames etc.)

VOLTAGE

Alternatively in
230 V or 400 V



Lift dust hood to change the sanding belt.



Clamping system allows fixing the grinding unit into position.



Table extension on both sides increases workpiece support.



Example of use: Sanding of frames

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Standard accessories:

- Sanding belt grit 80
- Table extension on both sides
- Stand with rollers (ZSM 405 / 560)
- Closed stand with tool storage (ZSM 500)

Technical data	ZSM 405	ZSM 500	ZSM 560
Max. sanding width	405 mm (810 mm)	405 mm (810 mm)	560 mm (1120 mm)
Min. sanding length	60 mm	60 mm	60 mm
Workpiece thickness, min. / max.	5 - 125 mm	5 - 125 mm	5 - 125 mm
Table size (L x W)	470 x 425 mm	470 x 425 mm	500 x 580 mm
Both-sided table extension (L x W)	245 x 425 mm	245 x 425 mm	245 x 580 mm
Working height	695 mm	690 mm	695 mm
Sanding roller	Ø 130 x 410 mm	Ø 130 x 410 mm	Ø 130 x 565 mm
Feed stepless	0,5 - 3 m/min	0,5 - 3 m/min	0,5 - 3 m/min
Speed	1420 rpm	1420 rpm	1420 rpm
Dust extraction outlet	100 mm	100 mm	100 mm
Motor power	1,1 kW (1,5 HP)	1,1 kW (1,5 HP)	1,5 kW (2,0 HP)
Voltage	230 V or 400 V	230 V or 400 V	230 V or 400 V
Machine dimension (W x D x H)	950 x 1030 x 1290 mm	860 x 1030 x 1270 mm	1100 x 1065 x 1170 mm
Weight approx.	86 kg	96 kg	110 kg
Art. no.	11-4362 (230 V) 11-4359 (400 V)	11-4363 (230 V) 11-4360 (400 V)	11-4364 (230 V) 11-4361 (400 V)

ZSM 405 / ZSM 500 / ZSM 560

The ZSM-series of cylinder sanding machines are suitable for sanding works up to a width of 1120 mm. The feed of the conveyor belt can be adjusted steplessly to the workpiece to achieve optimal grinding results. Main application area of these models is predominately among experienced amateurs.



Variable feed adjustment.



Quick clamp system for sanding belt.



Solid guide, handwheel allows height adjustment.



Model ZSM 405 and ZSM 560 feature stand with rollers.



Optional accessories:

	Art. no.	excl. VAT
Fabric sanding belt roll 75 mm x 50 m - grit 60	11-21540	
Fabric sanding belt roll 75 mm x 50 m - grit 100	11-21541	
Fabric sanding belt roll 75 mm x 50 m - grit 180	11-21542	
Fabric sanding belt roll 75 mm x 50 m - grit 220	11-21543	
Fabric sanding belt f. ZSM 405 / 500, grit 60 (10 pcs.)	11-2152	
Fabric sanding belt f. ZSM 405 / 500, grit 80 (10 pcs.)	11-21520	
Fabric sanding belt f. ZSM 405 / 500, grit 100 (10 pcs.)	11-21521	
Fabric sanding belt f. ZSM 405 / 500, grit 120 (10 pcs.)	11-21522	

Optional accessories:

	Art. no.	excl. VAT
Fabric sanding belt f. ZSM 405 / 500, grit 180 (10 pcs.)	11-21523	
Fabric sanding belt-set f. ZSM 405 / 500, grit 60 / 80 / 100 / 120 / 180 (each 2 pcs.)	11-21524	
Fabric sanding belts f. ZSM 560 see page 46		
Dust collector DC 230 E / 230 V with tube (2,5 m)	12-2043	
Dust collector DC 500 E / 400 V	12-2066	
Cyclone interceptor FSG 1000	12-2174	
Cyclone-extractor RLA 1500 / 400 V	12-2168	

Cylinder sanding machine

ZSM 560 - 2

The ZSM 560 - 2 cylinder sanding machine is suitable for sanding works up to a width of 1120 mm. The feed of the conveyor belt can be adjusted steplessly to the workpiece to achieve optimal grinding results.

- When side support not in use machine suitable for double the grinding width (eg. for frames etc.)
- Complete with dust port to connect an dust collector for a clean workplace
- Set variable conveyor belt speed
- Suitable for major commercial grinding abrasive cloths
- Scale ensures precise height adjustment of sanding unit
- Suitable for sanding of wood, plastics and similar materials
- Powerful motor guarantees best results



Solid guide, handwheel allows height adjustment.



Clamping system allows fixing the grinding unit into position.



Lift dust hood to change the sanding belt.



Table extension on both sides increases workpiece support.

Stepless feed speed adjustment

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Standard accessories:

- Sanding belt grit 80
- Table extension on both sides
- Closed stand with tool storage

Technical data	ZSM 560 - 2
Max. sanding width	560 mm (1120 mm)
Min. sanding length	60 mm
Workpiece thickness, min. / max.	5 - 80 mm
Table size (L x W)	500 x 580 mm
Both-sided table extension (L x W)	245 x 580 mm
Working height	680 mm
Sanding roller	Ø 130 x 565 mm
Feed stepless	0,5 - 3 m/min
Speed	750 / 1400 rpm
Dust extraction outlet	100 mm
Motor power	1,5 KW (2,0 HP)
Voltage	400 V
Machine dimension (W x D x H)	1030 x 1060 x 1190 mm
Weight approx.	110 kg
Art. no.	11-4351

2 speeds

NEW



Variable feed adjustment.



Optional accessories ZSM 560 - 2 / Vario:

	Art. no.	excl. VAT
Fabric sanding belt roll 75 mm x 50 m - grit 60	11-21540	
Fabric sanding belt roll 75 mm x 50 m - grit 100	11-21541	
Fabric sanding belt roll 75 mm x 50 m - grit 180	11-21542	
Fabric sanding belt roll 75 mm x 50 m - grit 220	11-21543	
Fabric sanding belt - grit 60 (10 pcs.)	11-2153	
Fabric sanding belt - grit 80 (10 pcs.)	11-21530	
Fabric sanding belt - grit 100 (10 pcs.)	11-21531	
Fabric sanding belt - grit 120 (10 pcs.)	11-21532	
Fabric sanding belt - grit 180 (10 pcs.)	11-21533	
Fabric sanding belt-set, grit 60 / 80 / 100 / 120 / 180 (each 2 pcs.)	11-21534	

Cylinder sanding machine

ZSM 560 Vario

The ZSM 560 Vario cylinder sanding machine is suitable for sanding works up to a width of 1120 mm. The feed of the conveyor belt can be adjusted steplessly to the workpiece to achieve optimal grinding results. Additionally this model is equipped with a stepless adjustable sanding speed.

- Serially with stepless adjustable sanding speed
- When side support not in use machine suitable for double the grinding width (eg. for frames etc.)
- Complete with dust port to connect an dust collector for a clean workplace
- Set variable conveyor belt speed
- Suitable for major commercial grinding abrasive cloths
- Handwheel and scale allow for accurate adjustment of the sanding unit to thickness of workpiece
- Powerful motor guarantees best results



High-quality frequency converter allows for stepless adjustment of the spindle speed.



Quick clamp system for sanding belt.



Lift dust hood to change the sanding belt.



Table extension on both sides increases workpiece support.

Vario-Drive

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HOBBY

Standard accessories:

- Sanding belt grit 80
- Frequency inverter Delta
- Table extension on both sides
- Closed stand with tool storage

Technical data	ZSM 560 Vario
Max. sanding width	560 mm (1120 mm)
Min. sanding length	60 mm
Workpiece thickness, min. / max.	5 - 80 mm
Table size (L x W)	500 x 580 mm
Both-sided table extension (L x W)	245 x 580 mm
Working height	680 mm
Sanding roller	Ø 130 x 565 mm
Feed stepless	0,5 - 3 m/min
Speed, stepless	0 - 1500 rpm
Dust extraction outlet	100 mm
Motor power	1,5 kW (2,0 HP)
Voltage	230 V
Machine dimension (W x D x H)	1010 x 1060 x 1190 mm
Weight approx.	110 kg
Art. no.	11-4352

Stepless feed speed adjustment

NEW



The high-quality feed motor ensure a smooth running of the conveyor belt.



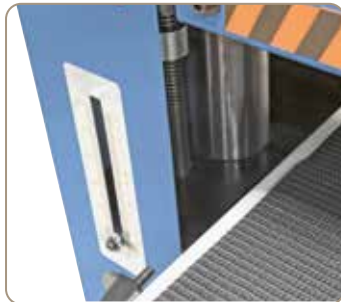
Optional accessories ZSM 560 - 2 / Vario:

	Art. no.	excl. VAT
Belt cleaner	11-2175	
Flatter type sanding head	11-4452	
Silicon carbide sanding brushes	11-4453	
Wire brush	11-4454	
Dust collector DC 230 E / 230 V with tube (2,5 m)	12-2043	
Dust collector DC 500 E / 400 V	12-2066	
Cyclone interceptor FSG 1000	12-2174	
Cyclone-extractor RLA 1500 / 400 V	12-2168	
Automatic start-up system ALV 10 / 1 M	12-1150	

Cylinder sanding machine

WBS 640 Pro

- Different sanding belt grain sizes for rough and fine grinding in one grinding process
- Heavy machine stand in torsion- and vibration-free construction, extremely solid
- Set variable conveyor belt speed
- Scale ensures precise height adjustment of work table
- Powerful motor guarantees best results
- Suitable for sanding of wood, plastics and similar materials
- Crank ensures user-friendly height adjustment of work table
- Both sanding rollers dynamically balanced for smooth running



Work table is adjusted to the thickness of the workpiece by means of the handwheel and scale.



Fine adjustment for the rear sanding roller. Variable feed adjustment.

2 sanding rollers for rough and fine grinding



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Technical data

WBS 640 Pro

Max. sanding width	635 mm
Min. sanding length	127 mm
Workpiece thickness, min. / max.	5 - 130 mm
Table size (L x W)	670 x 635 mm
Working height min.	850 mm
Sanding roller	2x Ø 130 x 635 mm
Feed stepless	0 - 6,2 m/min
Speed	1550 rpm
Dust extraction outlet	2x 100 mm
Motor power	2,2 kW (3,0 HP)
Voltage	230 V or 400 V
Machine dimension (W x D x H)	790 x 1080 x 1360 mm
Weight approx.	223 kg
Art. no.	11-4353 (230 V) 11-4354 (400 V)

Stepless feed speed adjustment

**Best
Price**

Standard accessories:

- Sanding belt grit 80 / grit 120
- Closed stand

The model WBS 640 Pro is a professional cylinder sanding machine with stepless adjustable feed rate. Thanks to the 2 sanding rollers, rough and fine sanding can be carried out in one pass by using different sanding belt grain sizes. The heavy machine stand ensures high stability and thus precise grinding results.

WBS 640 Pro



Complete with dust ports for a clean workplace.



2 sanding rollers for rough and fine grinding in one pass.



The high-quality feed motor ensure a smooth running of the conveyor belt.



Adjustment screw for parallel run of the conveyor belt.



VOLTAGE
Alternatively in
230 V or 400 V

Optional accessories:	Art. no.	excl. VAT
Fabric sanding belt 50 m - grit 60		
Fabric sanding belt 50 m - grit 100		
Fabric sanding belt 50 m - grit 180		on request
Fabric sanding belt 50 m - grit 220		

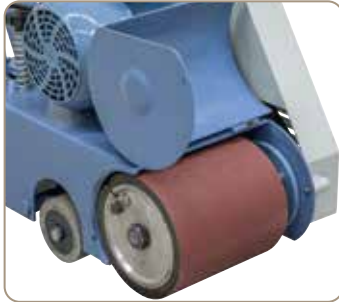
Optional accessories:	Art. no.	excl. VAT
Dust collector DC 400 / 230 V	12-2055	
Dust collector DC 400 / 400 V	12-2060	
Cyclone-extractor RLA 1500 / 400 V	12-2168	
Automatic start-up system ALV 10 / 1 M	12-1150	

Parquet polishing machine

PSM 200

The PSM 200 parquet polishing machine allows economical sanding of hardwood flooring, mosaic floors, wooden floorboards and alike. This machine combines high user-friendliness and safety measures, making this model suitable for non-experienced users.

- Protective covers on V-belt and sanding roller
- Variable setting of pressure regulation of sanding roller allows optimal adjustment to the parquet quality
- Integrated dust extraction to keep work space entirely clean comes standard
- Effective machine for sanding of small to medium size areas
- Ergonomic operation and quick change of sanding belt guarantees high efficiency
- Sanding belt available at low cost by cutting off a 50 m roll (optional extra)
- Balanced sanding roller reduces vibrations and ensures best grinding results



Rubber coated sanding roller features quick clamping system for easy change of sanding belt.



Extractable carry handle allows an easy transport of machine.



Powerful drive motor even at continuous operation.



Standard accessories:

- Sanding belt
- Waste bag

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**Best
Price**



Technical data

PSM 200

Sanding width	200 mm
Sanding belt dimensions	200 x 650 mm
Diameter sanding roller	176 mm
Speed sanding roller	2000 rpm
Motor power	1,5 kW (2,0 HP)
Voltage	230 V
Machine dimension (W x D x H)	360 x 940 x 960 mm
Weight approx.	60 kg
Art. no.	11-4420

Optional accessories:

Fabric sanding belt 200 x 10 m - grit 36	Art. no.	excl. VAT
	11-22670	
Fabric sanding belt 200 x 10 m - grit 40	11-22680	
Fabric sanding belt 200 x 10 m - grit 60	11-22690	
Fabric sanding belt 200 x 10 m - grit 80	11-22700	
Fabric sanding belt 200 x 10 m - grit 100	11-22710	
Fabric sanding belt 200 x 10 m - grit 120	11-22720	
Fabric sanding belt 200 x 10 m - grit 180	11-22722	

Universal grinding machine

UGM 300

The UGM 300 universal grinding machine offers a wide range of applications, requires minimum space and features a reasonable price. High user comfort, achieved by the large number of standard equipment, meets every user's demands and guarantees maximum performance.

- Solid construction ensures top accuracy and eliminates vibrations
- Large range of equipment comes standard
- Clearly arranged, user-friendly design are special features of the machine
- Special bearing of grinding arbor ensures precise results
- Complete with dividing plate for processing of most common number of blades
- Provide flexibility and independence in your business by maintaining and sharpening your tools - equipment is readily available
- Suitable for grinding of various tools, such as cutter knives, carbide-circular sawblades, routers, cutter knives in the cutterblock, slotting discs with diameter of up to 380 mm, groove-, jointing-, profile and milling cutters etc.
- Adjustable ball bearing on longitudinal table guide eliminates any clearance

Wide range of standard accessories



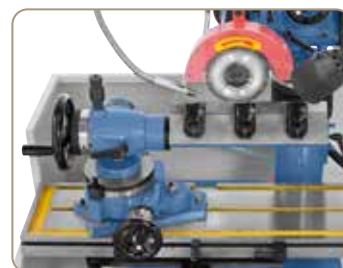
Sharpening of sawblade.



Sharpening of milling cutter.



Sharpening of cutter block.



Sharpening of cutter knives.

BERNARDO
www.bernardo.at

SEMIPROFESSIONAL

Universally useable

Standard accessories:

- Diamond grinding wheel 125 x 10/8 x 32 mm
- Work arbor 30, 35, 40 mm
- Sawblade grinding device
- Cutter knife grinding device
- Adjustable table fence
- Coolant device
- Lubrication pump
- Halogen light
- Tools



Technical data

UGM 300

Max. tool diameter	380 mm
Max. grinding length	300 mm
Sawblade diameter	90 - 630 mm
Quantity of cutters	24
Diamond grinding wheel	125 x 10/8 x 32 mm
Height adjustment of spindle head	225 mm
Clearance angle radial on back of knife	+50° to -50°
Spindle head tiltable	50° left / right
Clearance angle on side	-20° to +20°
Table longitudinal movement	300 mm
Table cross movement	130 mm
Graduation at handwheel	0,05 mm
Grinding spindle speed	3500 rpm
Motor power	370 W
Motor power coolant pump	40 W
Voltage	400 V
Machine dimension (W x D x H)	1050 x 830 x 1450 mm
Weight approx.	270 kg
Art. no.	11-4397

Console Stands

WH Modelle F / C / B 1



Picture with optional available machine



Technical data	Model WH	Model F
Supporting area	330 x 300 mm	315 x 250 mm
Height	230 mm	700 - 900
Weight approx.	5 kg	10 kg
Art. no.	56-1049	56-1045
Price excl. VAT		

Description:

- Comes complete with practical water tank to cool processed workpieces
- Console WH – suitable for models up to 250 mm
- Height adjustable from 700 – 900 mm (model F)
- Machine base F in light-weight construction, suitable for machines up to 175 mm



Technical data	Model C	Model B 1
Supporting area	280 x 170 mm	400 x 285 mm
Height	840 mm	810 mm
Weight approx.	12 kg	19 kg
Art. no.	56-1042	56-1041
Price excl. VAT		

Description:

- Stand C features a shelving unit for grinding wheels and a tool compartment as part of the standard accessories
- Model B 1 comes with a large support area, universal in used for bench grinders, combo and disc sanding machines

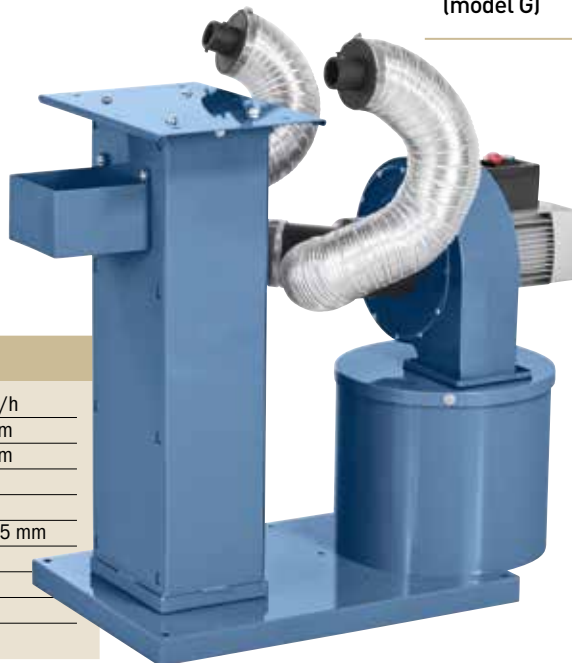


Technical data

	Model H	Model K	Model G
Supporting area	355 x 210 mm	350 x 330 mm	380 x 240 mm
Height	830 mm	800 mm	790 mm
Weight approx.	14 kg	15 kg	25 kg
Art. no.	56-1048	56-10480	56-1044
Price excl. VAT			

Description:

- Model H in compact construction with coolant fluid tray, recommended for model 200 mm and 250 mm
- Stand G in solid steel plate construction, suitable for models 300 mm and 350 mm
- Complete with coolant fluid tray and lockable tool compartment (model G)



Technical data

	Model D
Capacity	1275 m ³ /h
Dust extraction outlet inside	2 x 35 mm
Dust extraction outlet outside	2 x 50 mm
Motor power	0,37 kW
Voltage	400 V
Supporting area	400 x 285 mm
Height	810 mm
Weight approx.	50 kg
Art. no.	56-1046
Price excl. VAT	

Description:

- State-of-the-art design – allows for optimal working conditions and clean air at work
- Complete with large chip tray, easy to empty
- Equipped with practical water tank to allow for cooling of processed workpiece

Which stand is suitable for which machine?

	WH	F	C	B1	H	K	G	D
DSA 150	1	1	1	3	3	5	5	5
DSA 200	1	3	1	3	3	3	5	5
DSA 250	1	5	3	1	1	1	3	5
KSA 150	3	1	1	3	3	5	5	5
KSA 200	5	3	1	3	3	3	5	5
KMS 150	3	1	3	3	1	5	5	3
KMS 200 S	5	5	5	1	1	3	3	3
KMS 250	5	5	5	1	3	1	3	5
DS 150 S	1	1	3	3	1	5	5	5
DS 175 S	1	1	3	3	1	5	5	5
DS 200 S	1	5	5	3	1	3	3	5
DS 250 S	1	5	5	1	1	1	3	5
DS 300 S	5	5	5	3	5	3	1	1
KSE 200	1	5	5	3	1	3	3	5
SPM 150	1	1	1	3	3	5	5	5
PS 200 S	1	5	5	1	1	3	3	5
PS 250 S	1	5	5	1	1	1	3	5
PS 350	5	5	5	3	5	3	1	5
TS 250	5	5	5	1	5	5	5	5
TS 300	5	5	5	1	5	5	5	5
TS 300 P	5	5	5	1	5	5	5	5

1 ... recommended
3 ... limited recommended
5 ... not recommended

Accessories sanding and polishing machines

Polish paste

Pre-polishing paste ABRA

ABRA is a grinding and brushing paste for matting and glazing of several metals. Often these pastes contain electro corundum, a particularly resistant grain which can be obtained by melting bauxite in an electric arc at 2000° C.



Colour: black
Grit: 10
(10= strong, 1 = mild)
Fat content: dry
Weight: approx. 1000 g

Description:
Strong matting paste with coarse grain for aggressive pre-polishing of steel and stainless steel. Paste is perfectly suitable for matting and pre-polishing of aluminium.

Art.no.	Description	excl. VAT
05-1916	Polish Abra 153 (black) f. aluminium	

Polishing paste REKORD

REKORD is used for polishing of non-ferrous metals and contains tripolite, a naturally occurring, soft, siliceous sedimentary rock, suitable as a relatively mild polishing grain for processing of brass and zamac with its delicate coating.



Colour: brown
Grit: 5
(10 = strong, 1 = mild)
Fat content: average
Weight: approx. 800 g

Description:
Classic polishing paste with slightly coarser grain, average fat content, quick to achieve perfect surfaces on non-ferrous metals. (for instance aluminium, copper, brass, magnesium, zinc etc.)
Perfect paste for polishing aluminium alloy wheels.

Art.no.	Description	excl. VAT
05-1917	Polish Rekord 845 (brown) f. aluminium	

Pre-/ Polishing Paste KIESOLIN

The polishing paste KIESOLIN is suitable for various metals and plastics. Re-polishing is usually unnecessary. Offers big choice of applications ranging from mild to very abrasive. Generally, clay (aluminium oxide) is used for this group of articles, which is obtained from bauxite by the Bayer method. The hardness is determined by the temperature which depends on the post annealing process.



Colour: green
Grit: 6
(10 = strong, 1 = mild)
Fat content: high
Weight: approx. 1100 g

Description:
High-gloss grain, extremely good suction to sisal discs, perfectly suitable for pre-polishing of stainless steel and steel

05-1910	Polish Kiesolin 410 (green) f. stainless steel
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Colour: light brown
Grit: 2 - 3
(10 = strong, 1 = mild)
Fat content: high
Weight: approx. 850 g

Description:
Fine polishing paste, especially for wood and plastics.

05-1926	Polish Kiesolin 327 (light brown) f. wood
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Colour: red
Grit: 4
(10 = strong, 1 = mild)
Fat content: middle
Weight: approx. 1000 g

Description:
Classic universal paste with medium grain, suitable for all types of metals.

05-1911	Polish Kiesolin 358 (red) f. stainless steel
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Accessories sanding and polishing machines

Polish paste

High-gloss/ Varnishing paste LUMO

LUMO is a great paste for finishing off the workpiece with a special polishing grain to achieve the most shiny, glossy surfaces.



Colour: blue
Grit: 2
(10 = strong, 1 = mild)
Fat content: low
Weight: approx. 700 g

Description:
The "Classic" is suitable for stainless steel, aluminium, copper, brass and wood. Special ingredients make this paste fat soluble to achieve high gloss on pre-polished pieces.

Art.no.	Description	excl. VAT
05-1912	Polish Lumo 934 (blue), universal	



Colour: light brown
Grit: 1
(10 = strong, 1 = mild)
Fat content: low
Weight: approx. 900 g

Description:
Fine varnishing paste especially for plastics, hard wood and non-ferrous materials.

Art.no.	Description	excl. VAT
05-1923	Polish Lumo 939 (light brown) f. plastic material	

Polishing sets

Polishing set for aluminium

Set consists of:

Polish ABRA 153 (black)
Polish REKORD 845 (brown)
Polish LUMO 934 (blue)
Sisal-Nettle-polishing wheel
Nettle-polishing wheel quilted
Molleton-polishing wheel quilted



05-2000	Polishing set for aluminium Ø 200 x 20 mm, Ø 16 mm, 6-pcs.
05-2001	Polishing set for aluminium Ø 250 x 25 mm, Ø 20 mm, 6-pcs.

Polishing set for plastic

Set consists of:

Polish REKORD 845 (brown)
Polish LUMO 939 (light brown)
Nettle-polishing wheel loose
Molleton-polishing wheel loose



05-2020	Polishing set for plastic Ø 200 x 20 mm, Ø 16 mm, 4-pcs.
05-2021	Polishing set for plastic Ø 250 x 25 mm, Ø 20 mm, 4-pcs.

Polishing set for stainless steel

Set consists of:

Polish KIESOLIN 410 (green)
Polish KIESOLIN 358 (red)
Polish LUMO 934 (blue)
Sisal-cord green
Nettle-polishing wheel quilted
Molleton-polishing wheel quilted



05-2010	Polishing set f. stainless steel Ø 200 x 20 mm, Ø 16 mm, 6-pcs.
05-2011	Polishing set f. stainless steel Ø 250 x 25 mm, Ø 20 mm, 6-pcs.

Polishing set for wood

Set consists of:

Polish KIESOLIN 327 (light brown)
Polish LUMO 934 (blue)
Nettle-polishing wheel loose
Molleton-polishing wheel loose



05-2030	Polishing set for wood Ø 200 x 20 mm, Ø 16 mm, 4-pcs.
05-2031	Polishing set for wood Ø 250 x 25 mm, Ø 20 mm, 4-pcs.

Accessories sanding and polishing machines

Polishing wheels



Most suitable polishing wheel for stainless steel, steel, aluminium, brass, plastics and wood. Thickness of wheel can be determined by the type of application, simply by omitting single layers.

Art. no.	Description	excl. VAT
05-1838	Polishing wheel quilted Ø 150 x 20 mm, Ø 12,7 mm	
05-1840	Polishing wheel soft, 200 x 20 mm, Ø 16 mm	
05-1841	Polishing wheel quilted, 200 x 20 mm, Ø 16 mm	
05-1842	Polishing wheel soft, 250 x 25 mm, Ø 20 mm	
05-1843	Polishing wheel quilted, 250 x 25 mm, Ø 20 mm	
05-1848	Polishing wheel soft, Ø 300 x 30 mm, Ø 35 mm	
05-18450	Polishing wheel soft, Ø 350 x 45 mm, Ø 25 mm	
05-18451	Polishing wheel quilted, Ø 350 x 45 mm, Ø 25 mm	
05-18452	Polishing wheel soft, Ø 400 x 50 mm, Ø 32 mm	
05-18453	Polishing wheel quilted, Ø 400 x 50 mm, Ø 32 mm	

Art. no.	Description	excl. VAT
05-1852	Nettle-polishing wheel loose Ø 200 x 20 mm, Ø 16 mm	
05-1872	Nettle-polishing wheel loose Ø 250 x 25 mm, Ø 20 mm	



Suitable for polishing of stainless steel, steel, aluminium and brass. Top quality German production ensures long service life.

PRE-POLISHING	POLISHING	VARNISHING
for e.g. removing scratches:	for main polish:	for high gloss:
Sisal-cord green for stainless steel, Sisal-nettle for aluminium, brass, non-ferrous metal	Nettle quilted for all metals, nettle loose (the thickness of the wheel can be determined)	Molleton quilted, Molleton loose (the thickness of the wheel can be determined)

05-1853	Nettle-polishing wheel quilted Ø 200 x 20 mm, Ø 16 mm	
05-1873	Nettle-polishing wheel quilted Ø 250 x 25 mm, Ø 20 mm	



Softer polishing wheels are suitable for achieving high-gloss finish, wheels are not sewn together so the thickness can be varied depending on the type of use. High-quality manufacturing guarantees long service-life.



Hard polishing wheel is ideal for pre-polishing and for processing of rough surfaces and scratched workpieces.

05-1850	Sisal-Nettle-polishing wheel Ø 200 x 20 mm, Ø 16 mm	
05-1870	Sisal-Nessel-Polierscheibe Ø 250 x 25 mm, Ø 20 mm	

05-1854	Molleton-polishing wheel loose Ø 200 x 20 mm, Ø 16 mm	
05-1874	Molleton-polishing wheel loose Ø 250 x 25 mm, Ø 20 mm	



Soft buffing wheel for stationary machines for high-gloss polishes stainless steel, steel, aluminium, non-ferrous metals, plastics and wood.

05-1855	Molleton-polishing wheel quilted Ø 200 x 20 mm, Ø 16 mm	
05-1875	Molleton-polishing wheel quilted Ø 250 x 25 mm, Ø 20 mm	



Excellent for pre-polishing of stainless steel, deep immersion is ideal for angles, corners, corrugated panels and parts of different shapes.

05-1851	Sisal-cord green Ø 200 x 20 mm, Ø 16 mm	
05-1871	Sisal-cord green Ø 250 x 25 mm, Ø 20 mm	

Accessories sanding and polishing machines

Paper sanding belts (brown)



Paper sanding belts feature high quality abrasives, universal in use, ideal for sanding plywood, plastics, soft and hard timbers.

Half-open grit reduces clogging of sanding belt. Furthermore, these sanding belts feature high efficiency, perfect results and a long life span.



Art. no.	Description	excl. VAT	Art. no.	Description	excl. VAT
11-2116A	685 x 50 - Grit 60 (10 pcs.)		11-2022	Set 2260 x 150 - G 60/80/100/120/150/180 (each 2 pcs.)	
11-2116	685 x 50 - Grit 80 (10 pcs.)		11-2010B	2510 x 150 - Grit 60 (5 pcs.)	
11-2117	685 x 50 - Grit 100 (10 pcs.)		11-2011B	2510 x 150 - Grit 80 (5 pcs.)	
11-2117A	685 x 50 - Grit 120 (10 pcs.)		11-2012B	2510 x 150 - Grit 100 (5 pcs.)	
11-2118	685 x 50 - Grit 150 (10 pcs.)		11-2013B	2510 x 150 - Grit 120 (5 pcs.)	
11-2119	685 x 50 - Grit 180 (10 pcs.)		11-2014B	2510 x 150 - Grit 150 (5 pcs.)	
11-2119A	Set 685 x 50 - G 60/80/100/120/150/180 (each 2 pcs.)		11-2008B	2510 x 150 - Grit 180 (5 pcs.)	
11-2111	915 x 100 - Grit 60 (5 pcs.)		11-2009B	2510 x 150 - Grit 220 (5 pcs.)	
11-2112	915 x 100 - Grit 80 (5 pcs.)		11-2014C	Set 2510 x 150 - G 60/80/100/120/150/180/220 (each 2 pcs.)	
11-2115	915 x 100 - Grit 100 (5 pcs.)		11-2040B	2600 x 150 - Grit 60 (5 pcs.)	
11-2113	915 x 100 - Grit 120 (5 pcs.)		11-2041B	2600 x 150 - Grit 80 (5 pcs.)	
11-2114	915 x 100 - Grit 150 (5 pcs.)		11-2042B	2600 x 150 - Grit 100 (5 pcs.)	
11-2115A	Set 915 x 100 - G 60 / 80 / 100 / 120 / 150 (each 2 pcs.)		11-2043B	2600 x 150 - Grit 120 (5 pcs.)	
11-2127	1220 x 150 - Grit 80 (5 pcs.)		11-2044B	2600 x 150 - Grit 150 (5 pcs.)	
11-2125	1220 x 150 - Grit 100 (5 pcs.)		11-2038B	2600 x 150 - Grit 180 (5 pcs.)	
11-2128	1220 x 150 - Grit 150 (5 pcs.)		11-2037B	2600 x 150 - Grit 220 (5 pcs.)	
11-2129	1220 x 150 - Grit 180 (5 pcs.)		11-2039B	Set 2600 x 150 - G 60/80/100/120/150/180/220 (each 2 pcs.)	
11-2130	Set 1220 x 150 - G 80 / 100 / 150 / 180 (each 2 pcs.)		11-2045	2740 x 150 - Grit 60 (5 pcs.)	
11-2000B	2010 x 150 - Grit 60 (5 pcs.)		11-2046	2740 x 150 - Grit 80 (5 pcs.)	
11-2001B	2010 x 150 - Grit 80 (5 pcs.)		11-2047	2740 x 150 - Grit 100 (5 pcs.)	
11-2002B	2010 x 150 - Grit 100 (5 pcs.)		11-2048	2740 x 150 - Grit 120 (5 pcs.)	
11-2003B	2010 x 150 - Grit 120 (5 pcs.)		11-2049	2740 x 150 - Grit 150 (5 pcs.)	
11-2004B	2010 x 150 - Grit 150 (5 pcs.)		11-2050	2740 x 150 - Grit 180 (5 pcs.)	
11-2005B	2010 x 150 - Grit 180 (5 pcs.)		11-2051	2740 x 150 - Grit 220 (5 pcs.)	
11-2006B	2010 x 150 - Grit 220 (5 pcs.)		11-2052	Set 2740 x 150 - G 60/80/100/120/150/180 (each 2 pcs.)	
11-2007B	Set 2010 x 150 - G 60/80/100/120/150/180/220 (each 2 pcs.)		11-2060B	3000 x 150 - Grit 60 (5 pcs.)	
11-2015	2260 x 150 - Grit 60 (5 pcs.)		11-2061B	3000 x 150 - Grit 80 (5 pcs.)	
11-2016	2260 x 150 - Grit 80 (5 pcs.)		11-2062B	3000 x 150 - Grit 100 (5 pcs.)	
11-2017	2260 x 150 - Grit 100 (5 pcs.)		11-2063B	3000 x 150 - Grit 120 (5 pcs.)	
11-2018	2260 x 150 - Grit 120 (5 pcs.)		11-2064B	3000 x 150 - Grit 150 (5 pcs.)	
11-2019	2260 x 150 - Grit 150 (5 pcs.)		11-2065B	3000 x 150 - Grit 180 (5 pcs.)	
11-2020	2260 x 150 - Grit 180 (5 pcs.)		11-2066B	3000 x 150 - Grit 220 (5 pcs.)	
11-2021	2260 x 150 - Grit 220 (5 pcs.)		11-2067B	Set 3000 x 150 - G 60/80/100/120/150/180 (each 2 pcs.)	

Accessories sanding and polishing machines

Fabric sanding belts (brown)



Universal in use, this sanding belt consists of electro corundum for grinding and deburring of steel plates, aluminium, cast parts, non-ferrous metals, plywood, soft and hard woods.

Long service life and performance guarantee high efficiency.



Art. no.	Description	excl. VAT
49-0970	762 x 75 mm - Grit 60 (10 pcs.) for SA 1	
49-0971	762 x 75 mm - Grit 80 (10 pcs.) for SA 1	
49-0972	762 x 75 mm - Grit 100 (10 pcs.) for SA 1	
49-0973	762 x 75 mm - Grit 120 (10 pcs.) for SA 1	
49-0974	762 x 75 mm - Grit 150 (10 pcs.) for SA 1	
49-0975	762 x 75 mm - Grit 180 (10 pcs.) for SA 1	
49-0976	Set 762 x 75 - G 60/80/100/120/150/180 (each 2 pcs.)	
49-0980	1016 x 75 mm - Grit 60 (10 pcs.) for SA 2	
49-0981	1016 x 75 mm - Grit 80 (10 pcs.) for SA 2	
49-0982	1016 x 75 mm - Grit 100 (10 pcs.) for SA 2	
49-0983	1016 x 75 mm - Grit 120 (10 pcs.) for SA 2	

Art. no.	Description	excl. VAT
49-0984	1016 x 75 mm - Grit 150 (10 pcs.) for SA 2	
49-0985	1016 x 75 mm - Grit 180 (10 pcs.) for SA 2	
49-0986	Set 1016x75 - G 60/80/100/120/150/180 (each 2 pcs.)	

Belt cleaner



Cleaning sanding belts increases service life significantly (up to 400%).

Used sanding belts can be cleaned which increases the quality and the evenness of the sanding result and ensures high efficiency.



11-2175 Belt cleaner

Velcro fastener



Velcro fastener on the rear is self-adhesive and stuck onto the disc of the grinding machine, allowing quick changeovers between various grits of abrasives.

Velcro disc is suitable for most commercial sanding machines.

11-2132 Velcro fastener diam. 150 mm

11-2133 Velcro fastener diam. 230 mm

11-2131A Velcro fastener diam. 250 mm

11-2131 Velcro fastener diam. 300 mm

11-21330 Velcro fastener diam. 500 mm

Accessories sanding and polishing machines

Sanding discs



Universal in use for sanding and deburring of steel, aluminium, non-ferrous metals, wood and plastics.

Discs vary in diameters of 150 mm, 250 mm and 300 mm and come complete with practical velcro fastener to allow for extra fast disc change without requiring glue.

Art. no.	Description	excl. VAT
11-2121A	diam. 150 mm - Grit 60 (10 pcs.), velcro fastener	
11-2122A	diam. 150 mm - Grit 80 (10 pcs.), velcro fastener	
11-2120A	diam. 150 mm - Grit 100 (10 pcs.), velcro fastener	
11-2123A	diam. 150 mm - Grit 120 (10 pcs.), velcro fastener	
11-2124A	diam. 150 mm - Grit 150 (10 pcs.), velcro fastener	
11-2124B	Set diam. 150 mm - Grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.), velcro fastener	
11-2200A	diam. 230 mm - Grit 60 (10 pcs.), self-adhesive	
11-2091A	diam. 230 mm - Grit 80 (10 pcs.), self-adhesive	
11-2092A	diam. 230 mm - Grit 100 (10 pcs.), self-adhesive	
11-2093A	diam. 230 mm - Grit 120 (10 pcs.), self-adhesive	
11-2201A	diam. 230 mm - Grit 150 (10 pcs.), self-adhesive	
11-2214	Set diam. 230 mm - Grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.), self-adhesive	
11-2202	diam. 250 mm - Grit 60 (10 pcs.), velcro fastener	
11-2095	diam. 250 mm - Grit 80 (10 pcs.), velcro fastener	
11-2096	diam. 250 mm - Grit 100 (10 pcs.), velcro fastener	
11-2097	diam. 250 mm - Grit 120 (10 pcs.), velcro fastener	
11-2203	diam. 250 mm - Grit 150 (10 pcs.), velcro fastener	
11-2216	Set diam. 250 mm - Grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.), velcro fastener	
11-2206	diam. 300 mm - Grit 60 (10 pcs.), velcro fastener	
11-2101	diam. 300 mm - Grit 80 (10 pcs.), velcro fastener	
11-2102	diam. 300 mm - Grit 100 (10 pcs.), velcro fastener	
11-2103	diam. 300 mm - Grit 120 (10 pcs.), velcro fastener	
11-2207	diam. 300 mm - Grit 150 (10 pcs.), velcro fastener	
11-2218	Set diam. 300 mm - Grit 60 / 80 / 100 / 120 / 150 (each 2 pcs.), velcro fastener	
11-2108	diam. 500 mm - Grit 60 (5 pcs.), velcro fastener	
11-21080	diam. 500 mm - Grit 80 (5 pcs.), velcro fastener	
11-21081	diam. 500 mm - Grit 100 (5 pcs.), velcro fastener	
11-21082	diam. 500 mm - Grit 120 (5 pcs.), velcro fastener	
11-21083	diam. 500 mm - Grit 150 (5 pcs.), velcro fastener	
11-21084	diam. 500 mm - Grit 180 (5 pcs.), velcro fastener	
11-21085	Set diam. 500 mm - Grit 60 / 80 / 100 / 120 / 150 / 180 (each 2 pcs.), velcro fastener	

Steel brush wheels



Steel brush wheels are ideal for treating surfaces such as removing paint, corrosion, dirt etc. Furthermore for roughing, polishing and deburring of workpieces.

The high-quality wire ensure a long life span.

Art. no.	Description	excl. VAT
05-1836	Steel brush wheel Ø 150 x 20 mm, Ø 12,7 mm	
05-17990	Steel brush wheel Ø 150 x 25 mm, Ø 32 mm	
05-1799	Steel brush wheel Ø 200 x 25 mm, Ø 32 mm	
05-1835	Steel brush wheel Ø 250 x 60 mm, Ø 50 mm	
05-18342	Steel brush wheel Ø 350 x 45 mm, Ø 32 mm	
05-1834	Steel brush wheel Ø 350 x 50 mm, Ø 32 mm	

Accessories sanding and polishing machines

Sanding discs

Grinding wheels



Grit 60 / Grit 80

Special corundum grinding wheels are perfect for grinding of HSS steel such as twist drills, chisels, scissors, knives and many more.



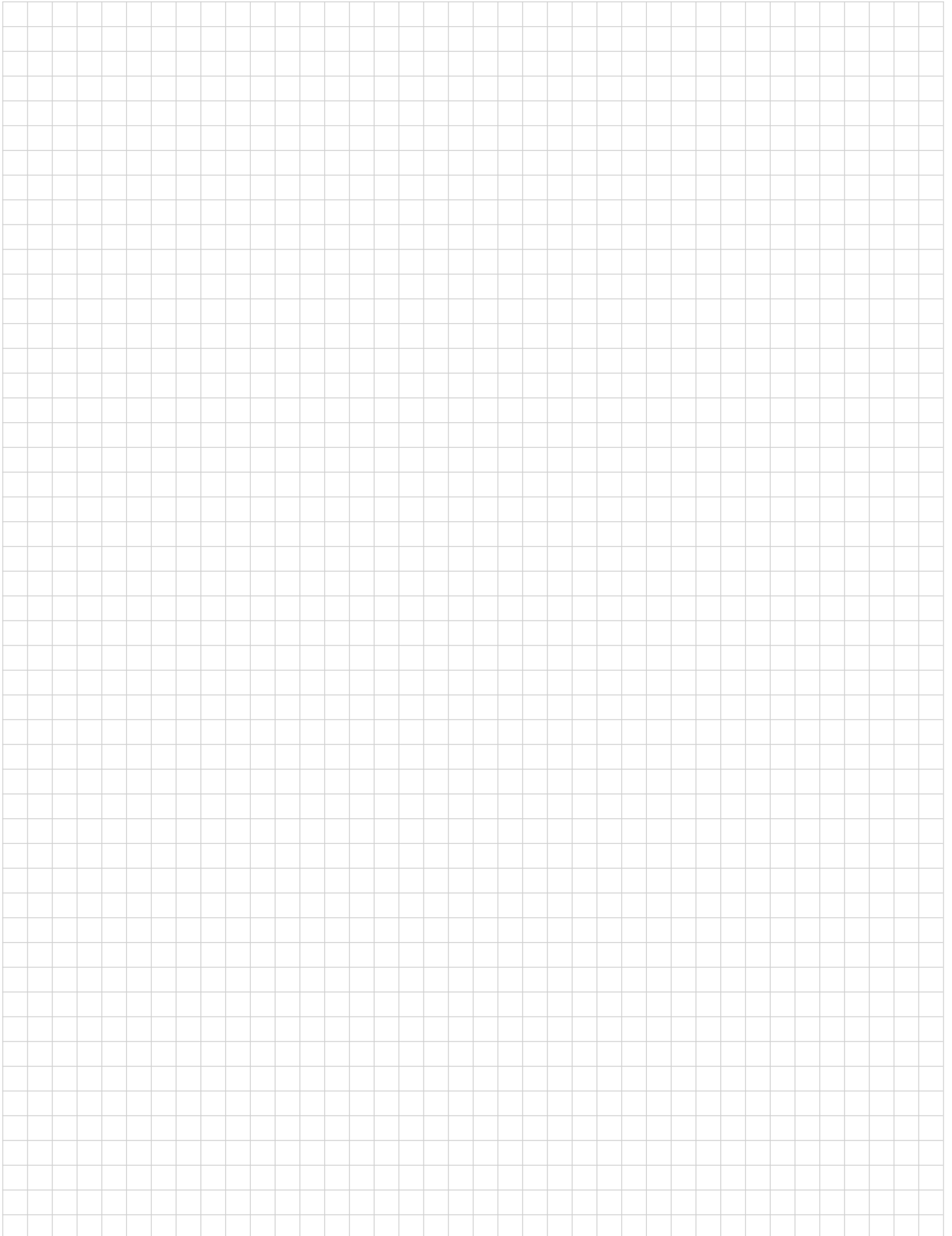
Grit 36

Standard corundum grinding wheels are suitable for simple tool grinding operations, for instance knives, flat irons, axes and more made from iron, steel, construction steel, cast steel, and brass.

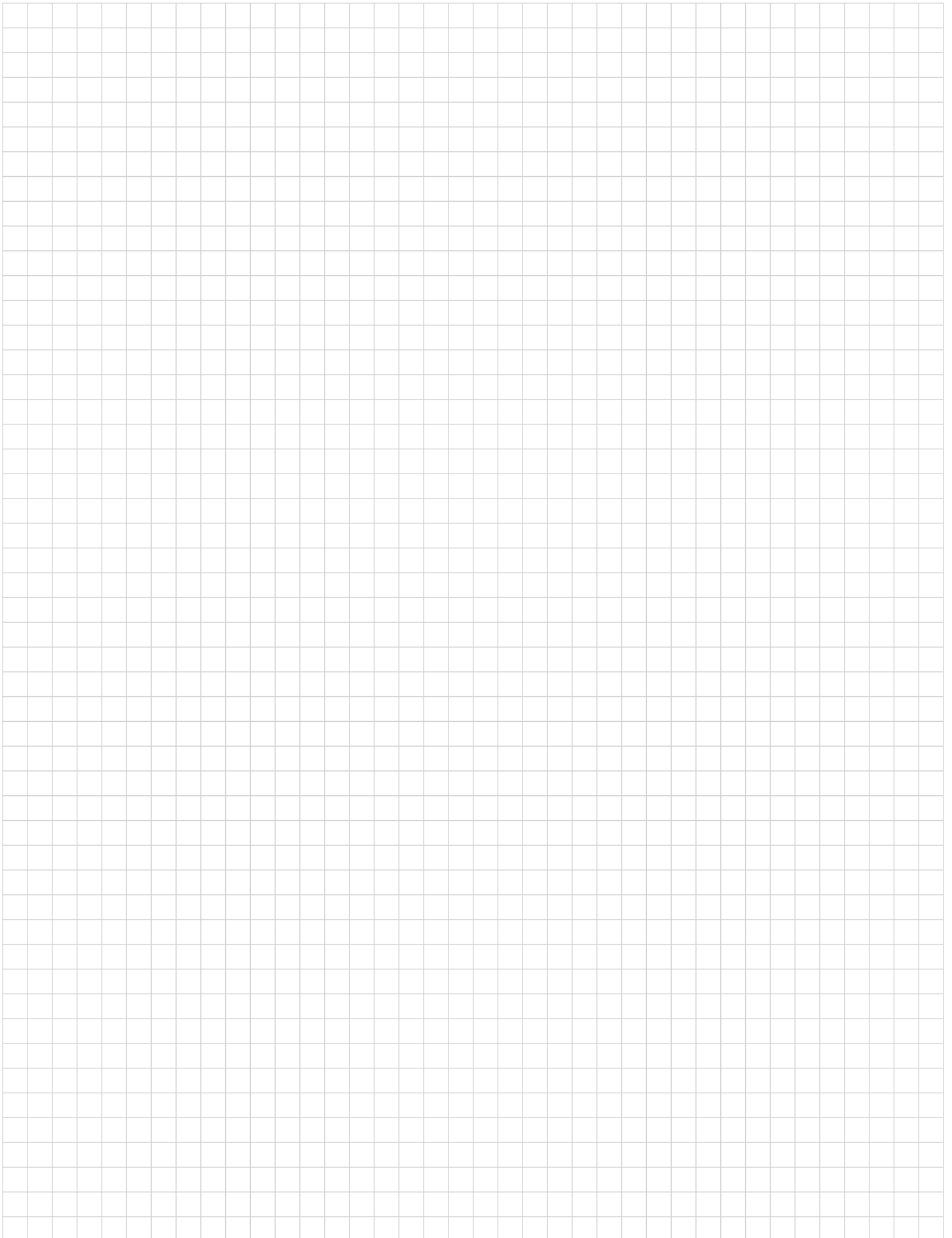
Art. no.	Description	excl. VAT
05-18020	Grinding wheel rough Ø 150 x 25 mm, Ø 32 mm, Grit36	
05-18022	Grinding wheel rough Ø 150 x 25 mm, Ø 32 mm, Grit60	
05-18021	Grinding wheel fine Ø 150 x 25 mm, Ø 32 mm, Grit80	
05-1800	Grinding wheel rough Ø 150 x 20 mm, Ø 12,70 mm, Grit36	
05-1801	Grinding wheel fine Ø 150 x 20 mm, Ø 12,70 mm, Grit80	
05-1810	Grinding wheel rough Ø 150 x 25,4 mm, Ø 12,70 mm, Grit36	
05-1811	Grinding wheel fine Ø 150 x 25,4 mm, Ø 12,70 mm, Grit60	
05-1816	Grinding wheel rough Ø 175 x 25 mm, Ø 32 mm, Grit36	
05-1817	Grinding wheel fine Ø 175 x 25 mm, Ø 32 mm, Grit80	
05-1812	Grinding wheel rough Ø 200 x 25,4 mm, Ø 15,88 mm, Grit36	
05-1813	Grinding wheel fine Ø 200 x 25,4 mm, Ø 15,88 mm, Grit60	
05-1818A	Grinding wheel rough Ø 200 x 32 mm, Ø 32 mm, Grit36	
05-1818B	Grinding wheel fine Ø 200 x 32 mm, Ø 32 mm, Grit60	
05-1819A	Grinding wheel fine Ø 200 x 32 mm, Ø 32 mm, Grit80	
05-1827	Grinding wheel rough Ø 200 x 20 mm, Ø 15,88 mm, Grit36	
05-1828	Grinding wheel fine Ø 200 x 20 mm, Ø 15,88 mm, Grit80	
05-1808	Grinding wheel fine Ø 250 x 12 mm, Ø 50 mm, Grit220	
05-1814	Grinding wheel rough Ø 250 x 25,4 mm, Ø 20 mm, Grit36	
05-1815	Grinding wheel fine Ø 250 x 25,4 mm, Ø 20 mm, Grit60	
05-1820	Grinding wheel rough Ø 250 x 32 mm, Ø 32 mm, Grit36	
05-18200	Grinding wheel rough Ø 250 x 32 mm, Ø 32 mm, Grit60	

Art. no.	Description	excl. VAT
05-1821	Grinding wheel fine Ø 250 x 32 mm, Ø 32 mm, Grit80	
05-1822A	Grinding wheel rough Ø 300 x 50 mm, Ø 75 mm, Grit36	
05-1822B	Schleifscheibe grob Ø 300 x 50 mm, Ø 75 mm, K60	
05-1823A	Grinding wheel fine Ø 300 x 50 mm, Ø 75 mm, Grit80	
05-18220	Grinding wheel rough Ø 400 x 50 mm, Ø 127 mm, Grit36	
05-18221	Grinding wheel fine Ø 400 x 50 mm, Ø 127 mm, Grit60	
05-18222	Grinding wheel fine Ø 400 x 50 mm, Ø 127 mm, Grit80	

notes



notes



notes

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.

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