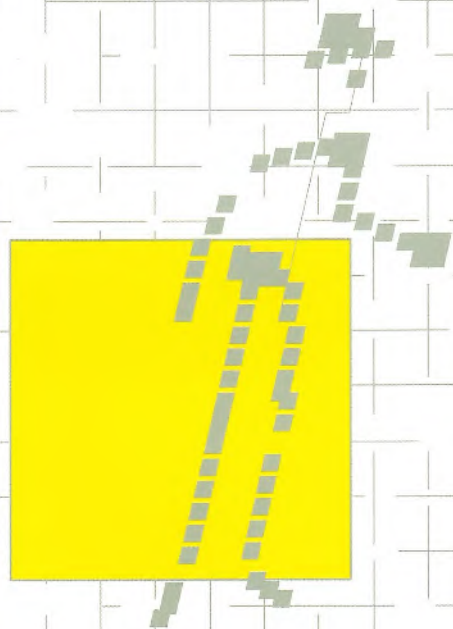




WOOD WORKING MACHINES

BERNARDO®



S 8 **ADM 320**

SURFACE PLANER AND THICKNESSER



S 16 **K5-320/K5-400**

UNIVERSAL COMBINED MACHINE



S 22 **SF-SERIE**

COMBINED CIRCULAR SAW AND SPINDLE MOULDER



S 10 **ADM 410**

SURFACE PLANER AND THICKNESSER



S 17 **FK 2**

COMBINED CIRCULAR SAW AND SPINDLE MOULDER



S 26 **BABY S 1**

CIRCULAR SAW



S 12 **FS 32 N**

SURFACE PLANER AND THICKNESSER



S 18 **CU 320 N**

UNIVERSAL COMBINED MACHINE



S 28 **S-SERIE**

CIRCULAR SAWS



S 14 **FS 41 N**

SURFACE PLANER AND THICKNESSER



S 20 **CU 410 N**

UNIVERSAL COMBINED MACHINE



S 30 **SIRIUS 32 S**

CIRCULAR SAW



S 32 **S 400**

CIRCULAR SAW



S 42 **JUNIOR 1100**

WOODTURNING LATHE



S 50 **KSM 3000**

EDGE SANDER



S 34 **T 800 i**

SPINDLE MOULDER



S 44 **CL 1200**

WOODTURNING LATHE



S 52 **KSM 3000 S**

EDGE SANDER



S 36 **T 1000 S**

SPINDLE MOULDER



S 46 **HBS-SERIE**

WOOD BANDSAWS



S 53 **HV 80 OSZI**

EDGE SANDER



S 40 **LBM 200**

MORTISER



S 48 **KSM 2600**

EDGE SANDER



S 54 **PBVN 2400**

BELT AND EDGE SANDING MACHINES



S 58 **HVS 30/20**

VERTICAL EDGE CLAMPING PRESS



S 66 **DC 300 / DC 500**

DUST COLLECTORS



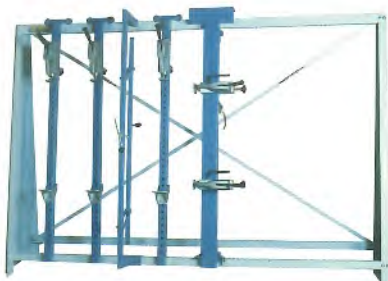
S 72 **BHB 2100 UB**

WORK BENCH



S 60 **HRP 30/20**

FRAME PRESS



S 67 **RV-SERIE**

RADIAL COLLECTORS



S 73 **JUNIOR 640**

RADIAL ARMSAW



S 62 **COMPACT 18 S**

FOUR SIDE PLANER



S 68 **FT-SERIE**

DUST COLLECTORS



S 74

BELT AND DISC SANDER
SCROLL SAW
WOODTURNING LATHE
WOOD BANDSAW
SURFACE PLANER AND THICKNESSER
HAND PALLET TRUCK



S 64 **QUADROPROFILER**

FOUR SIDE PLANER AND MOULDER



S 70 **AF / MX**

POWER FEEDERS



**Surface planer
Universal
Combined circular**

**and thicknesser
combined machines
saw & spindle moulders**

ADM 320

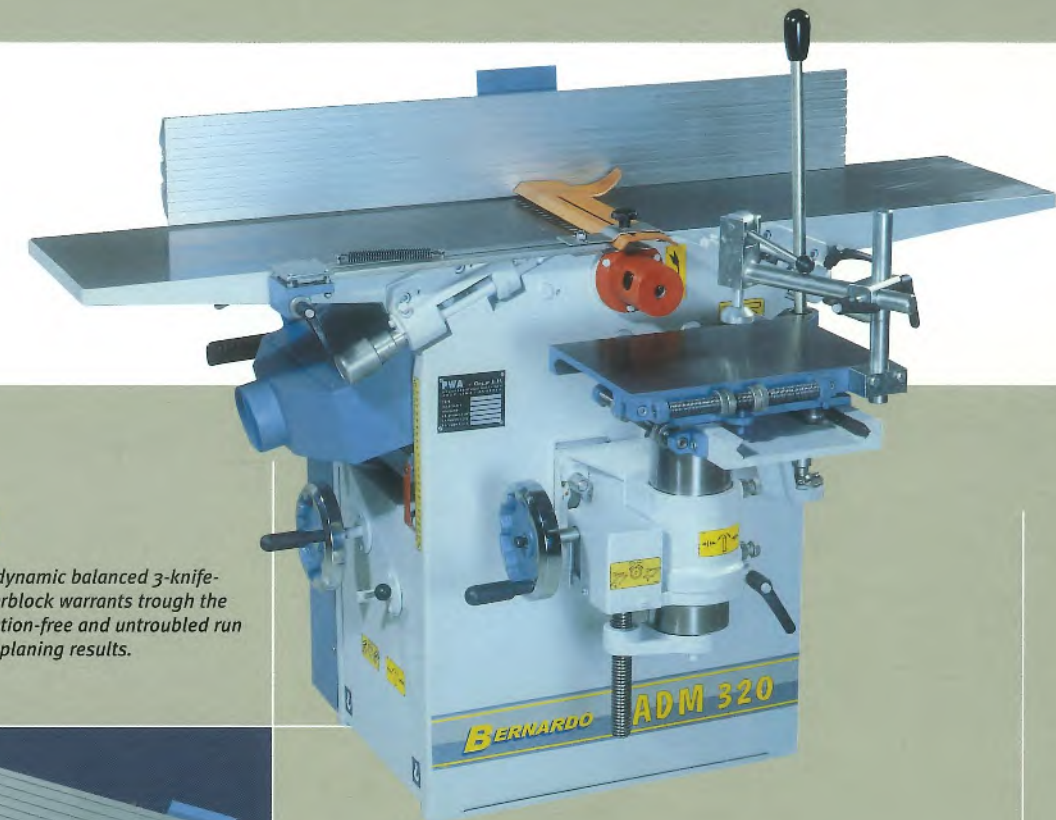
SURFACE

PLANER AND THICKNESSER

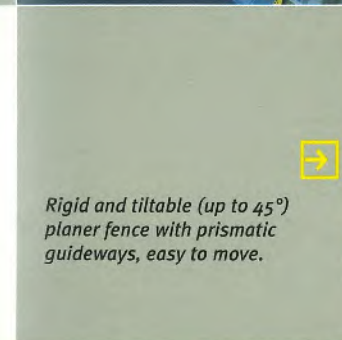
The strong and compact planer and thicknesser is a real bargain for the do-it-yourselfer, with safety and operator's comfort as main priorities.



← The dynamic balanced 3-knife-cutterblock warrants trough the vibration-free and untroubled run best planing results.



On request available with mortiser.



→ Rigid and tiltable (up to 45°) planer fence with prismatic guideways, easy to move.



← Cast iron thicknesser table with center column and additional support, for workpieces up to 230 mm height.

STANDARD EQUIPMENT

- Electrical equipment 400 V/50Hz
- Automatic motor brake
- Planing tables with anti-tipping safety system
- Integrated overturning shaving hood
- Toothed table lips for noise reduction
- Thicknesser table with center column and additional support
- Precision 3-knife cutterblock with HSS 18% knives
- Rigid planer fence tiltable from 90° to 45°
- Cast iron tables with polished surface
- Basic safety protection
- Operation tools

OPTIONAL EQUIPMENT

- Mortiser unit
- Westcott chuck 0 – 16 mm
- Carriage
- Complete set of reversible knives (in connection with the machine only)
- Motor 4,0 HP

TECHNICAL DATAS

Junior ADM 320

PLANER

Planing width	320 mm
Length of tables	1500 mm
Table height	850 mm
Shaft rotation speed	4500 rpm
Cutters	3 pcs.
Planer shaft diam.	80 mm
Planer fence	1100 x 150 mm
Fence tiltable	90° – 45°
Max. cutting depth	5 mm
Motor power	3,0 HP

THICKNESSER

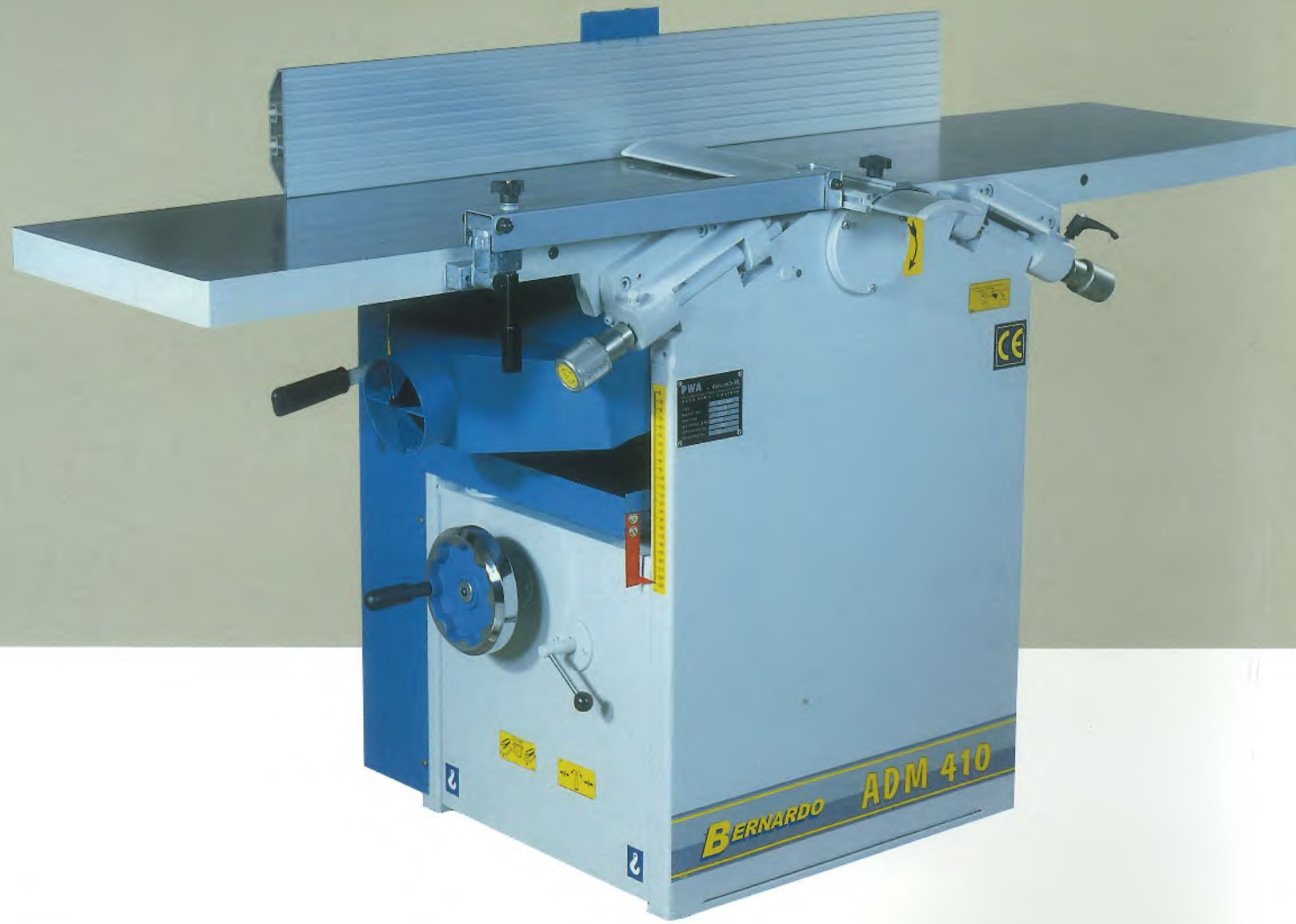
Working table	600 mm
Working width	315 mm
Min./max. working thickness	3 – 230 mm
Max. planing thickness	3 mm
Feed speed	6 m/min.
Weight approx.	315 kg
Space needed	1500 x 520 mm

ADM 410

SURFACE

PLANER AND THICKNESSER

The machine for the professional do-it-yourselfer, with the optimal balance of price and efficiency. Demands as stability, quick changing of operations and high motor capacity are obvious for this machine.

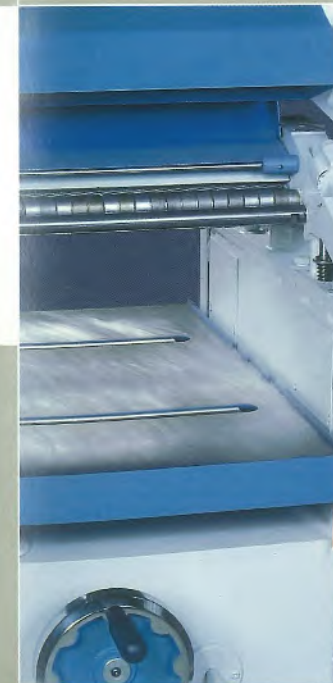


Basic and quick changing of operations from planing to thicknessing through ergonomic mounted elements.

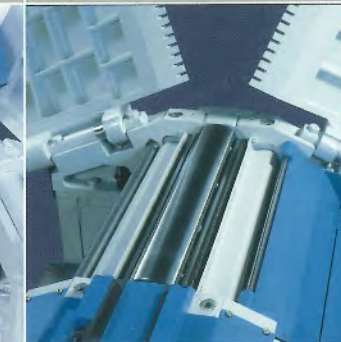
The planing unit consists of a dynamic balanced 4-knife-cutter-block, two feed rollers from steel and strong shaving retrievers.



ADM 410 with mortiser, ideal option for slotting and mortising.



Standard thicknesser rollers for smooth feed of workpiece.



Sturdy and rigid planer fence for rapid and accurate positioning with tilting possibilities from 90° to 45°.

STANDARD EQUIPMENT

- Electrical equipment 400 V/50Hz
- Automatic motor brake
- Planing tables with anti-tipping safety system
- Integrated overturning shaving hood
- Toothed table lips for noise reduction
- Thicknesser rollers
- Precision 4-knife cutterblock with HSS 18% knives
- Thicknesser table with center column and additional support
- Rigid planer fence tiltable from 90° to 45°
- Cast iron tables with polished surface
- Basic safety protection
- Operation tools

OPTIONAL EQUIPMENT

- Mortiser unit
- Westcott chuck 0 – 16 mm
- Carriage
- Complete set of reversible knives (in connection with the machine only)
- Motor 5,5 HP

TECHNICAL DATAS

Profi ADM 410

PLANER

Planing width	410 mm
Length of tables	1800 mm
Table height	850 mm
Shaft rotation speed	4500 rpm
Cutters	4 pcs.
Planer shaft diam.	100 mm
Planer fence	1100 x 150 mm
Fence tiltable	90° – 45°
Max. cutting depth	5 mm
Motor power	4,0 HP

THICKNESSER

Working table	650 mm
Working width	405 mm
Min./max. working thickness	3 – 225 mm
Max. planing thickness	3 mm
Feed speed	6 m/min.
Weight approx.	400 kg
Space needed	1800 x 850 mm

FS 32 N

SURFACE

PLANER AND THICKNESSER

Right from the beginning of the development of these planer- and thicknesser main priority was put on safety, stability, compact construction and operator's comfort.



Surface ground, easy swivelling planer tables interlock in the upright position automatically.



On request available with mortiser.

The machines of the FS-serie fulfil highest demands of professional operators, as e.g. craftsman, training, workshops and small works.

STANDARD EQUIPMENT

- Electrical equipment 400 V/50 Hz
- Planing tables fold to the rear side, allowing space-saving for setting up of the machine
- Integrated overturning shaving hood diam. 120 mm
- Infeed table adjustable by using a parallelogram system
- Toothed table lips for noise reduction
- Precision knife-cutterblock with reversible knives
- Thicknesser table with center column and additional support
- Rigid planer fence tiltable from 90° - 45°
- Cast iron tables with polished surface
- Quick change of knives by using pre-adjusted reversible cutter knives
- Basic safety protection
- Adjustable helical infeed roller to ensure best results

OPTIONAL EQUIPMENT

- Mortiser
- Westcott chuck \varnothing - 16 mm
- PROFI-planer fence
- Carriage
- Motor 5,5 HP

High safety for the operator due to numerous safety devices.



Best planing results due to the generous dimensioned 3-knife-cutterblock.

TECHNICAL DATAS

FS 32 N

PLANER

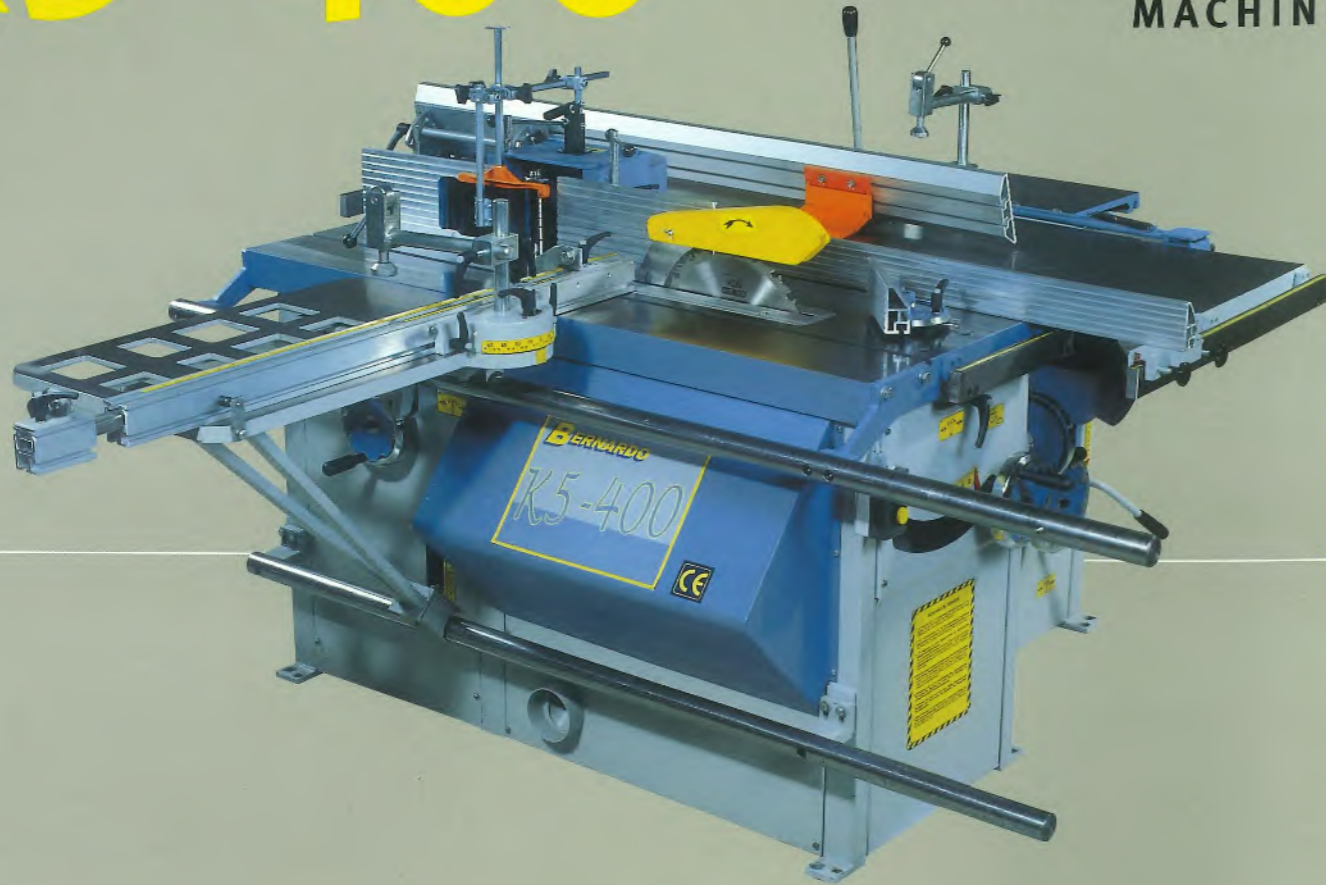
Planing width	320 mm
Length of tables	1500 mm
Table height	850 mm
Shaft rotation speed	4500 rpm
Cutters	3 pcs.
Planer shaft diam.	100 mm
Planer fence	1100 x 150 mm
Fence tiltable	90° - 45°
Max. cutting depth	5 mm
Motor power	4,0 HP

THICKNESSER

Working table	700 mm
Working width	315 mm
Min./max. working thickness	3 - 225 mm
Max. planing thickness	5 mm
Feed speed	8 m/min.
Weight approx.	360 kg
Space needed	1500 x 600 mm

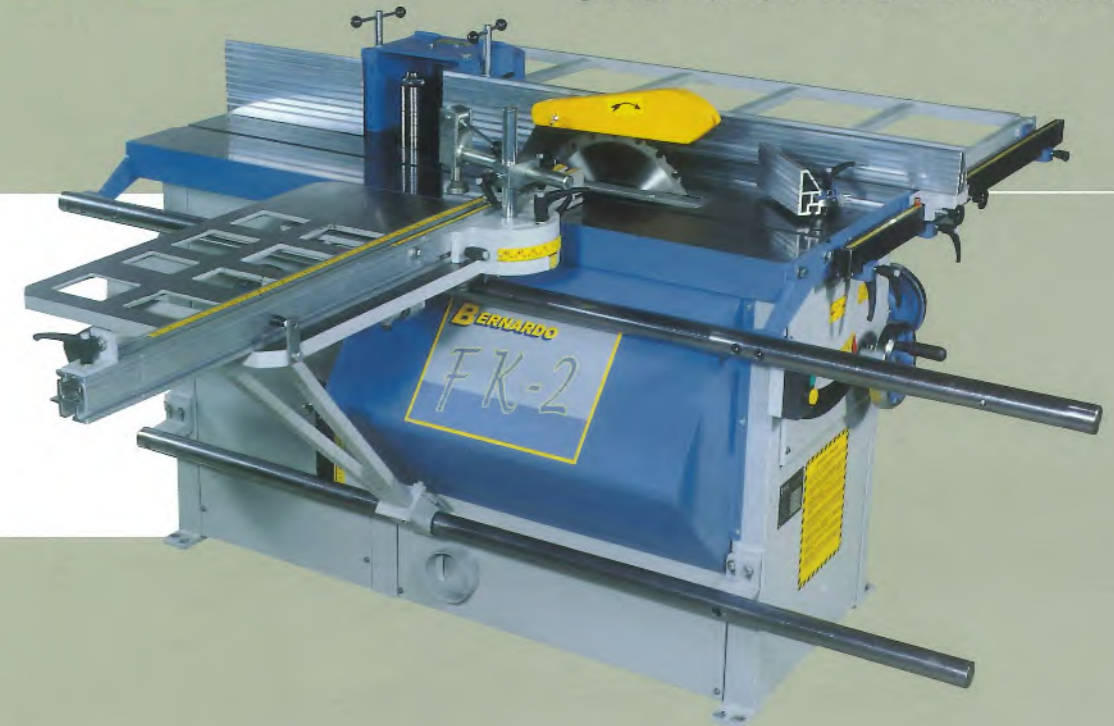
K5-400

UNIVERSAL COMBINED MACHINE



FK 2

COMBINED CIRCULAR SAW & SPINDLE MOULDER



Optimal balance of price to efficiency / Rigid, solid construction / Generous dimensioned saw aggregate / Generous dimensioned rests / Smooth run due to precision-aggregates / Rigid cast iron tables / High capacity / Durable reliability

K5-320

UNIVERSAL COMBINED MACHINE



STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Mortiser (K5-320 / K5-400)
- Telescopic fence, extractable
- Automatic motor brake
- Separate feedmotor for thicknesser (K5-400)
- Double-sided adjustable spindle moulder fence
- Inclining blade up to 45°
- Saw blade and spindle can be lowered under the table completely
- Table extension 900 x 600 mm (FK 2)

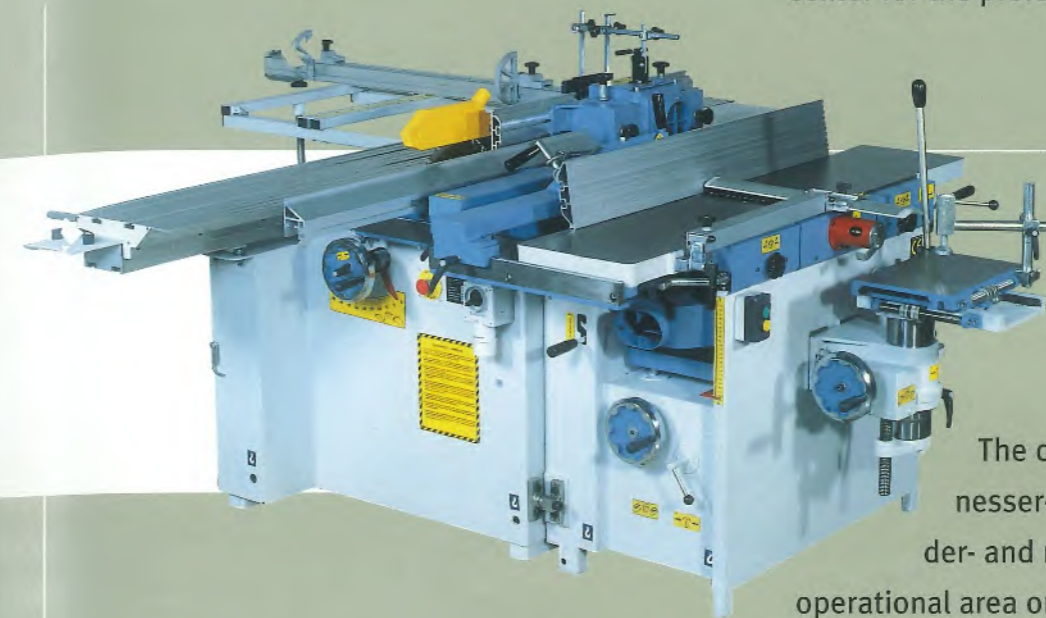
TECHNICAL DATAS	K5-320	K5-400	FK 2
PLANER			
Planing width	320 mm	400 mm	-
Length of tables	1400 mm	1840 mm	-
Planer shaft diam.	80 mm	100 mm	-
Cutters	3 pcs.	4 pcs.	-
Motor power	3,0 HP	4,0 HP	-
THICKNESSER			
Working table	600 mm	800 mm	-
Working width	320 mm	400 mm	-
Min./max working thickness	3 - 230 mm	3 - 230 mm	-
Feed speed	8,5 m/min	6 / 12 m/min	-
CIRCULAR SAW			
Table dimension	1400 x 550 mm		
Max. cutting height 90° / 45°	104 / 75 mm		
Max. saw blade diam.	315 mm		
Spindle speed	4260 rpm		
Motor power	4,0 HP		
SPINDLE MOULDER			
Spindle diameter	30 mm		
Table opening	200 mm		
Vertical stroke spindle	160 mm		
Spindle speeds	3500 / 7000 rpm		
Motor power	3,0 / 4,0 HP		
Weight	920 kg	1180 kg	590 kg

CU 320 N

UNIVERSAL

COMBINED MACHINE

The combined universal machine BERNARDO CU 320 N with 3 motors is the perfect machining center for the professional do-it-yourselfer.



The combination as planer-, thicknesser-, circular saw-, spindle moulder- and mortiser machine offers a big operational area on smallest space and a maximum of performance. The operation comfort of the standard version is increased through the available optional equipment.

STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Saw blade and spindle can be lowered under the table completely
- Anodised aluminium carriage with hardened steel guides
- Telescopic fence with 2 stops
- Rip fence with micrometric fine adjustment
- Squaring table with telescopic fence
- Tiltable spindle to the backside
- Precision supported 3-knife cutterblock with reversible knives
- VARIO-moulding fence
- Tilting of saw blade up to 45°, using the handwheel

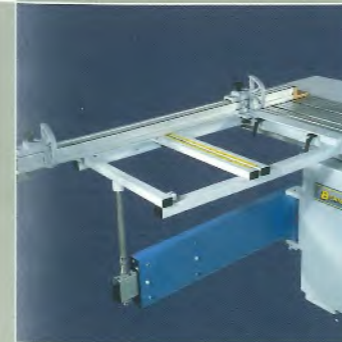
OPTIONAL EQUIPMENT

- Sliding table 2300 mm or 3000 mm
- Mortiser
- Westcott chuck 0-16 mm
- Left and right turning of the spindle moulder
- Scoring unit
- Mitre fence
- Integral safety guide
- Tenoning gadget and extraction hood
- Motor 5,5 HP

The anodised standard rip fence enables to read the same rule, not depending cutting on the high or low side of the guide. Equipped with micrometric fine adjustment.



The strong sliding table has a telescope ruler equipped with adjustable stops to enable the cutting of large and heavy panels with ease and complete accuracy.



High safety for the operator due to numerous safety devices.



TECHNICAL DATAS

CU 320 N

PLANER

Planing width	320 mm
Length of tables	1500 mm
3-knife cutterblock diam.	100 mm

THICKNESSER

Working table	700 x 315 mm
Working width	315 mm
Min./max working thickness	3 - 225 mm
Feed speed	8 m/min
Motor power	4,0 HP

CIRCULAR SAW

Table dimension	1200 x 500 mm
Sliding table dimension	1600 mm
Sliding table stroke	1650 mm
Max. saw blade diam.	315 mm
Max. cutting height 90° / 45°	
with saw blade 315 mm	103 / 72 mm
with saw blade 250 mm	70 / 49 mm
Spindle speed	4000 rpm
Motor power	4,0 HP

SPINDLE MOULDER

Spindle diameter	30 mm
Table opening	190 mm
Tilting spindle	+5° to -45°
Max. tool diameter	
for moulding	180 mm
for tenoning	250 mm
Spindle speeds	1400/3500/6000/8000 rpm
Motor power	4,0 HP

Weight CU 320 N - 1600

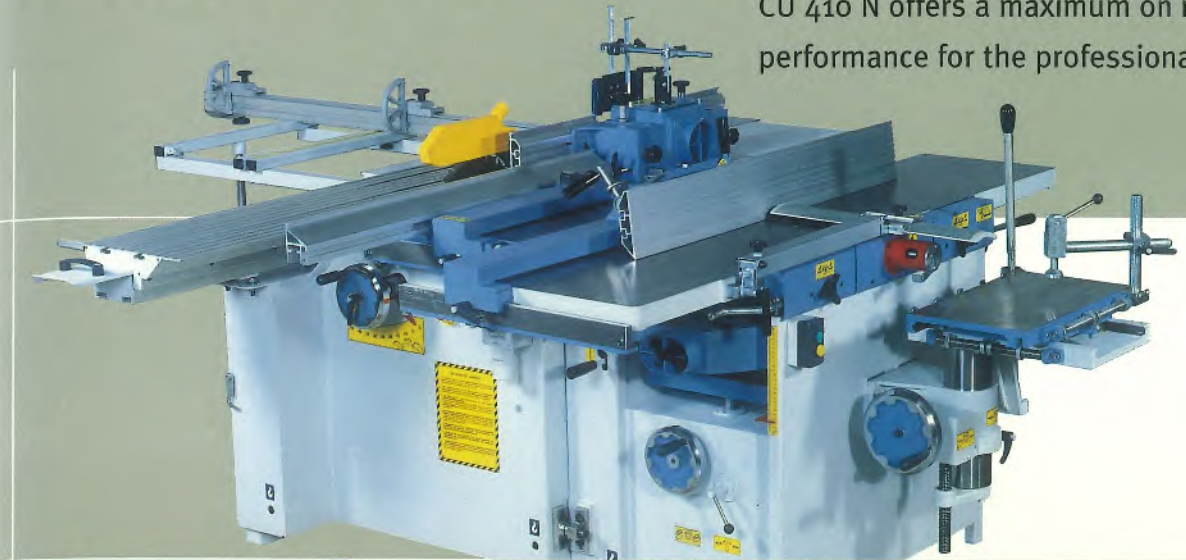
1010 kg

CU 410 N

UNIVERSAL

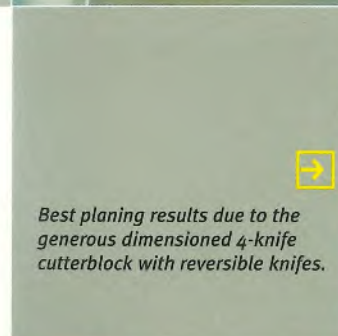
COMBINED MACHINE

The woodworking operation center BERNARDO CU 410 N offers a maximum on range and performance for the professional operator.



The saw blade protection with incorporated dust extractor outlet is fixed to the riving knife. Optionally a scoring unit can be mounted.

During the development of this machine special attention was given to short conversion time, simple handling and operator's convenience.



Best planing results due to the generous dimensioned 4-knife cutterblock with reversible knives.



TECHNICAL DATAS CU 410 N

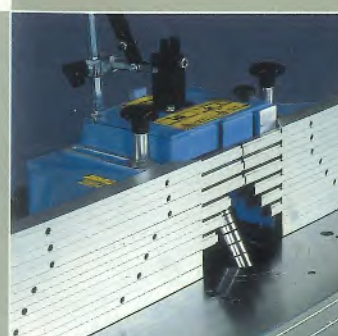
TECHNICAL DATAS		CU 410 N
PLANER		
Planing width		410 mm
Length of tables		1800 mm
4-knife cutterblock diam.		100 mm
THICKNESSER		
Working table		700 x 405 mm
Working width		405 mm
Min./max working thickness		3 - 225 mm
Feed speed		8 m/min
Motor power		4,0 HP
CIRCULAR SAW		
Table dimension		1200 x 500 mm
Sliding table dimension		1600 mm
Sliding table stroke		1650 mm
Max. saw blade diam.		315 mm
Max. cutting height 90° / 45°		
with saw blade 315 mm		103 / 72 mm
with saw blade 250 mm		70 / 49 mm
Spindle speed		4000 rpm
Motor power		4,0 HP
SPINDLE MOULDER		
Spindle diameter		30 mm
Table opening		190 mm
Tilting spindle		+5° to -45°
Max. tool diameter		
for moulding		180 mm
for tenoning		250 mm
Spindle speeds		1400/3500/6000/8000 rpm
Motor power		4,0 HP
Weight CU 320 N - 1600		1070 kg

STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Saw blade and spindle can be lowered under the table completely
- Anodised aluminium carriage with hardened steel guides
- Telescopic fence with 2 stops
- Rip fence with micrometric fine adjustment
- Squaring table with telescopic fence
- Tilttable spindle to the backside
- Precision supported 4-knife cutterblock with reversible knives
- Thicknesser rollers
- VARIO-moulding fence
- Tilting of saw blade up to 45°, using the handwheel

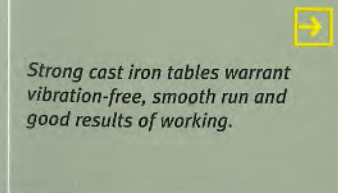
OPTIONAL EQUIPMENT

- Sliding table 2300 mm or 3000 mm
- Mortiser
- Westcott chuck 0-16 mm
- Left and right turning of the spindle moulder
- Scoring unit
- Mitre fence
- Integral safety guide
- Tenoning gadget and extraction hood
- 3-knife cutterblock system WIGO
- Motor 5,5 HP

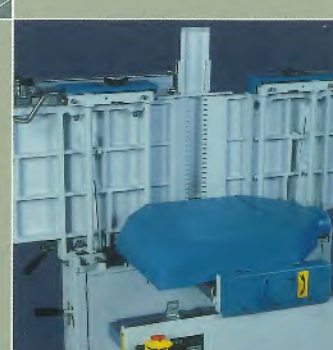


The integral safety guides lower the risk of accident

Tilting spindle to the backside has following advantages:
- high security, the milling cutter is covered trough the workpiece
- better chipdischarge trough the moulder fence and dust extraction underneath the table
- minimal wear of spindle bearing



Strong cast iron tables warrant vibration-free, smooth run and good results of working.



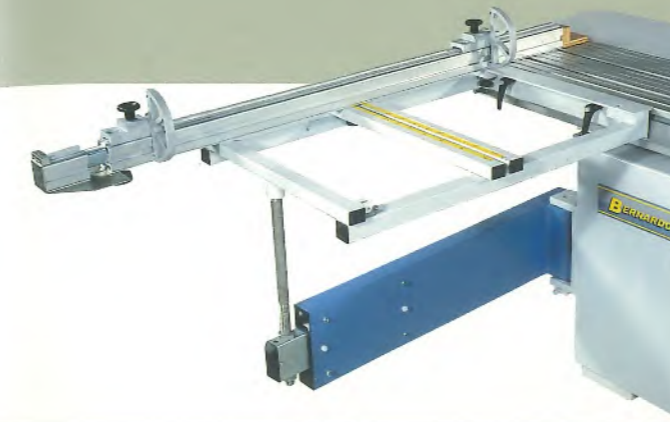
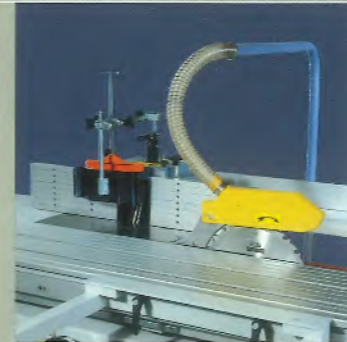
SF 1600/2300/3000 L

COMBINED CIRCULAR SAW & SPINDLE MOULDER

This machine, which is equipped with two independent motors and modern accessories, offers superior performance and maximum working possibilities due to many standard accessories and the availability of many optional accessories.

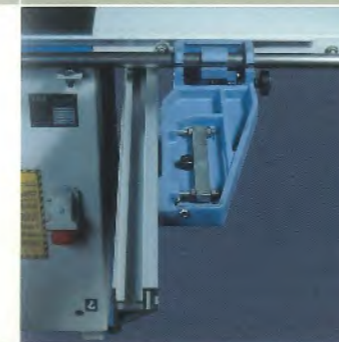
The milling aggregate with tiltable spindle and four spindle speeds guarantees optimal production results on every process and allows the use of shaped grinding tools.

The aluminium sliding table runs on ground and hardened guideways and is available in three lengths.



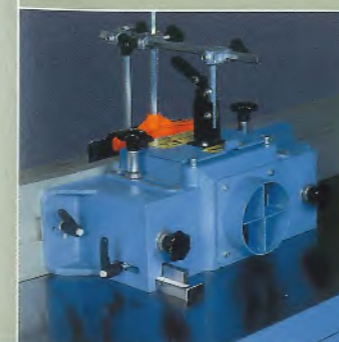
The anodised standard rip fence with a special profile equipped with micrometric fine adjustment enables to read the same measure, no matter if cutting on the high or low side of the guide. To cut large workpieces just flip the fence under the table.

The strong sliding table has a telescope ruler equipped with adjustable stops to enable the cutting of large and heavy panels with ease and complete accuracy.



VARIO-moulding fence with essential features:

- precise parallel adjustment with pin-fitting
- quick and easy adjustment of the fence in accordance to each moulding tool
- easy mounting of fence with bores in the table
- extremely quick preparation



STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Anodised aluminium carriage with hardened steel guides
- Telescopic fence with 2 stops
- Squaring table with telescopic fence
- Rip fence with micrometric fine adjustment
- VARIO-moulding fence
- Table extension up to 950 mm cutting width
- Tilting spindle saw blade to lower completely
- Tilting of saw blade up to 45° using the handwheel
- Tiltable spindle
- Operation tools

OPTIONAL EQUIPMENT

- Scoring unit
- Cutting width 1250 mm on rip fence
- Left and right turning of the spindle moulder
- Mitre fence
- Tenoning table and extraction hood
- Spindle tiltable to the backside
- Integral safety guide
- Dust extraction pipe with hose
- Motor with 5,5 HP

TECHNICAL DATAS

CIRCULAR SAW

	SF 1600 L	SF 2300 L	SF 3000 L
Table dimension	1200 x 500 mm	1200 x 500 mm	1200 x 500 mm
Sliding table dimension	1600 x 350 mm	2300 x 350 mm	3000 x 350 mm
Sliding table stroke	1650 mm	2350 mm	3050 mm
Max. saw blade diam.	315 mm		

Max. cutting height 90°/45°

with saw blade 315 mm	103 / 72 mm
with saw blade 250 mm	70 / 49 mm

Cutting width on rip fence

	950 mm
--	--------

Main saw blade speed

	4000 rpm
--	----------

Dust extractor outlet

	120 mm
--	--------

Motor power

	4,0 HP
--	--------

SCORING UNIT (OPTIONAL)

Scoring saw speed	8000 rpm
-------------------	----------

Scoring saw blade diam.	120 mm
-------------------------	--------

SPINDLE MOULDER

Spindle diameter	30 mm
------------------	-------

Table opening	190 mm
---------------	--------

Tilting spindle	-5° bis +45°
-----------------	--------------

Spindle length	125 mm
----------------	--------

Max. tool diameter	
--------------------	--

for moulding	180 mm
--------------	--------

for tenoning	250 mm
--------------	--------

Spindle speeds	1400/3500/6000/8000 rpm
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Motor power	4,0 HP
-------------	--------

Weight	620 kg	650 kg	680 kg
--------	--------	--------	--------

Circular saws Spindle moulders

1980

1981

1982

1983

1984

1985

1986

1987

1988

1989

1990

1991

1992

1993

1994

1995

1996

1997

BABY S1 CIRCULAR SAW

For many operations little and precise circular saws are required. As these machines are often used in addition with big circular saws, the same requirements such as precision, high operating comfort, quick change variety are necessary.

The BERNARDO circular saw BABY S1 correspond to all these requirements, in addition you can also use the aluminium sliding table, which offers big advantages on small workpieces.



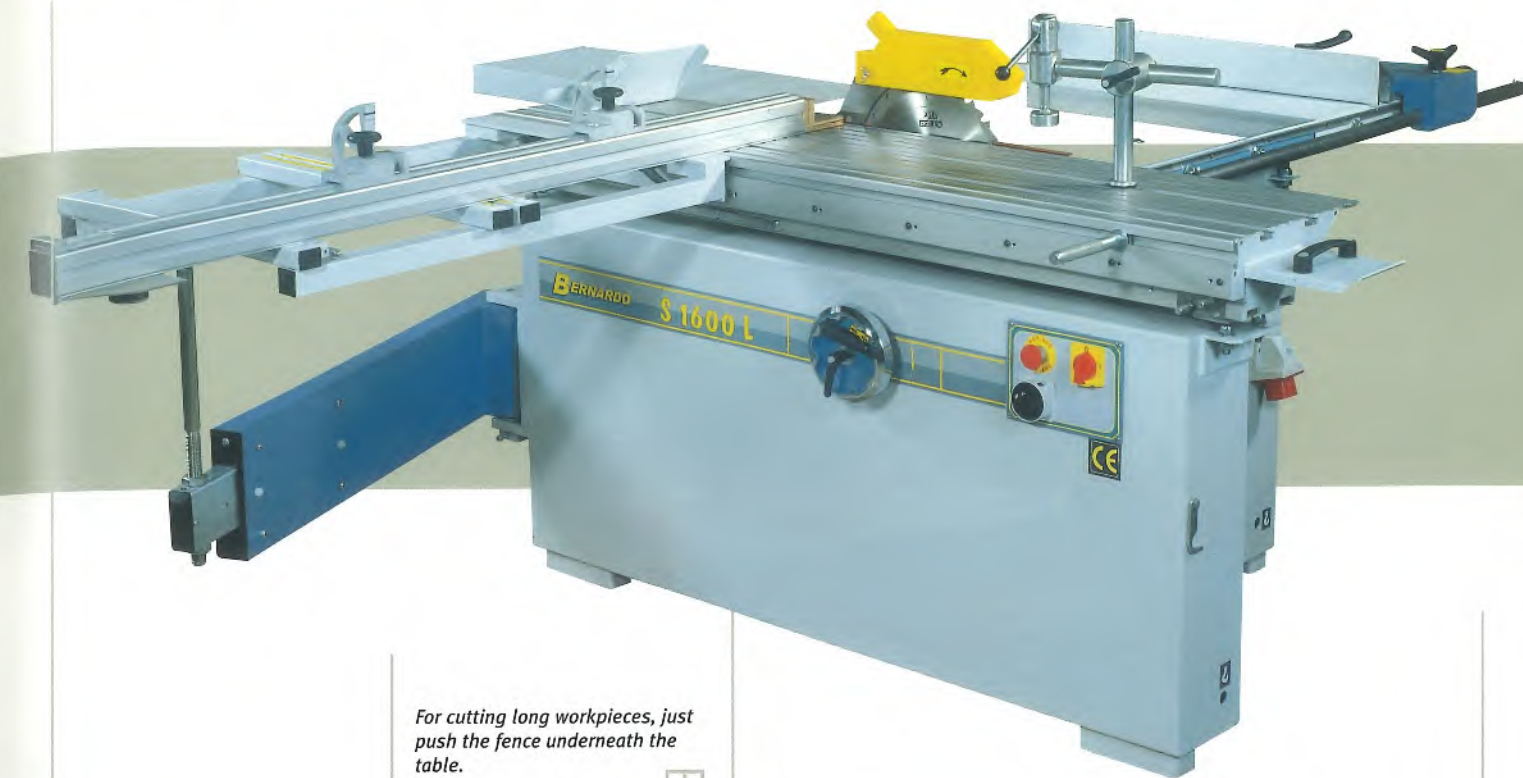
STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Anodised sliding table with hardened steel guides
- Telescopic fence 900 mm with 2 stops
- Rip fence with micrometric fine adjustment
- Table extension up to 950 mm cutting width
- Tilting of saw blade up to 45° by scale, using the handwheel
- Operation tools

OPTIONAL EQUIPMENT

- Scoring unit
- Cutting width 1250 mm on rip fence
- Dust extraction pipe with hose
- Motor 5,5 HP

S 1600 L CIRCULAR SAW



For cutting long workpieces, just push the fence underneath the table.



The saw unit can be tilted at an angle of 45° and adjusted up to 103 mm cutting height by using the handwheel on the front side of the machine.



The S-class circular saws with tiltable blade are ideal for the professional woodworker being aware of investment costs.

Superior technical solutions, such as compact dimensions, high performance and extremely easy operation are some of the main features of these machines.

The anodised aluminium sliding table moves very easily due to the special guiding system available in three different length.

The saw blade protection with incorporated dust extractor outlet is fixed to the riving knife. Optionally a scoring unit can be mounted.



TECHNICAL DATAS

see page 29

S 2300 / 3000 L

CIRCULAR SAWS



STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Tilting of saw blade up to 45° by scale, using the handwheel
- Anodised sliding table with hardened steel guides
- Telescopic fence with 2 stops
- Squaring table with telescopic fence
- Rip fence with micrometric fine adjustment
- Table extension up to 950 mm cutting width
- Operation tools

OPTIONAL EQUIPMENT

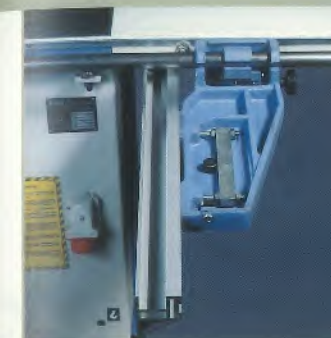
- Scoring unit
- Cutting width 1250 mm on rip fence
- Mitre fence
- Dust extraction pipe with hose
- Motor 5,5 HP



→ Cutting width 950 mm, optionally with 1250 mm.



↑ The strong sliding table has a telescope squaring fence equipped with adjustable stops to enable cutting of large and heavy panels with ease and complete accuracy.



↑ → The anodised rip fence with the special profile enables to read the same rule, not depending on cutting on the high or low side of the guide and is equipped with micrometric fine adjustment.



→ Mitre fence 900 mm, for angular cuts (optional).



TECHNICAL DATAS

	BABY S1	S 1600 L	S 2300 L	S 3000 L
CIRCULAR SAW				
Table dimension	800 x 500 mm	800 x 500 mm	800 x 500 mm	800 x 500 mm
Sliding table dimension	1500 x 350 mm	1600 x 350 mm	2300 x 350 mm	3000 x 350 mm
Sliding table stroke	1800 mm	1900 mm	2600 mm	3300 mm
Max. saw blade diam.	315 mm			
MAX. CUTTING HEIGHT 90° / 45°				
with sawblade 315 mm	103 / 72 mm			
with sawblade 250 mm	70 / 49 mm			
Cutting width on rip fence	950 mm			
Main saw blade speed	4000 rpm			
Dust extractor outlet	120 mm			
Motor power	4,0 HP			
SCORING UNIT (OPTIONAL)				
Scoring saw speed	8000 rpm			
Scoring saw blade diam.	120 mm			
Weight approx.	350 kg	420 kg	450 kg	480 kg

S 400

CIRCULAR SAW

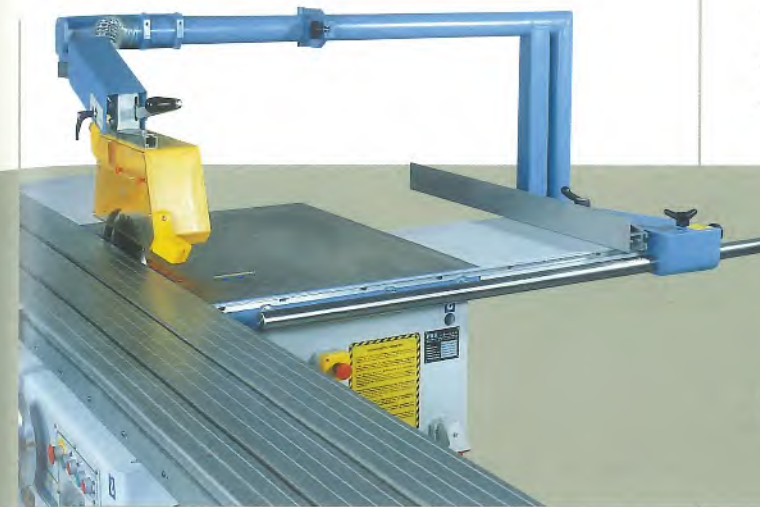


STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Anodised aluminium sliding table with hardened steel guides
- Telescopic fence with 2 stops
- Squaring table with telescopic fence
- Rip fence with micrometric fine adjustment
- Parallelogram guide with dust extraction pipe
- Table extension up to 1250 mm cutting width
- Tilting of saw blade up to 45° by scale, by using the handwheel
- Operation tools

OPTIONAL EQUIPMENT

- Scoring unit
- Cutting width 1500 mm on rip fence
- Mitre fence
- Motor 10,0 HP



The solid and heavy machine body, built in massive construction, as well as the wide bedded sawshaft in connection with the sawing aggregate which is guided on both sides guarantees precise and vibration-free sawing.

Clearly arranged elements on the frontside of the machine.

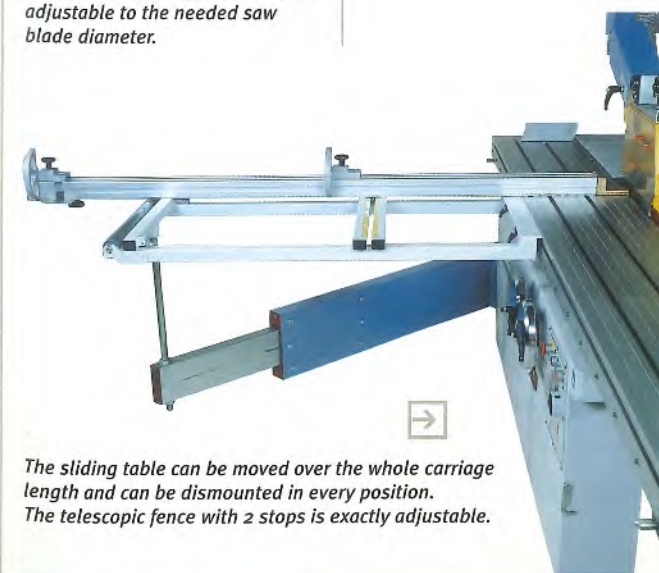
The rip fence with micrometric fine adjustment can be used for cutting widths up to 1500 mm.



Serially with 3 speeds and a max. cutting height of 130 mm. The circular saw BERNARDO S 400 fulfills the requirements of the most crafted woodworker.

Both, the robust construction and the generous dimension of the machine offer best operating conditions when cutting massive wood or big plates, also postformed panels can be processed with the help of the scoring unit (optional).

The parallelogram guide is easily adjustable to the needed saw blade diameter.



The sliding table can be moved over the whole carriage length and can be dismantled in every position. The telescopic fence with 2 stops is exactly adjustable.

TECHNICAL DATAS

S 400

Table dimension	1000 x 700 mm
Sliding table dimension	3200 x 350 mm
Sliding table stroke	3450 mm
Max saw blade diam.	400 mm
Max. cutting height at 90°	130 mm
at 45°	92 mm
Cutting width on rip fence	1250 mm
Spindle speeds	3000 / 4000 / 5000 rpm
Motor power	7,5 HP
SCORING UNIT (OPTIONAL)	
Speed	8000 rpm
Motor power	0,75 HP
Scoring blade diam.	120 mm
Weight approx.	850 kg

T 800 i

SPINDLE MOULDER



STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Stand made from solid steel construction
- 190 mm table opening with dust collection
- Fine adjustable VARIO-moulding fence with anodised guides
- Mounted spindle fixing
- 4 speeds standard
- Big solid cast iron working table
- Operation tools

OPTIONAL EQUIPMENT

- Execution with carriage 650 x 400 mm, telescopic fence and eccentric holder
- Tenoning table and extraction hood (only in connection with carriage)
- Left and right turning of spindle moulder
- Table extension left and right from machine
- Spindle diameter optional 35 mm, 40 mm or 50 mm
- Integral safety guides
- Motor 5,5 HP



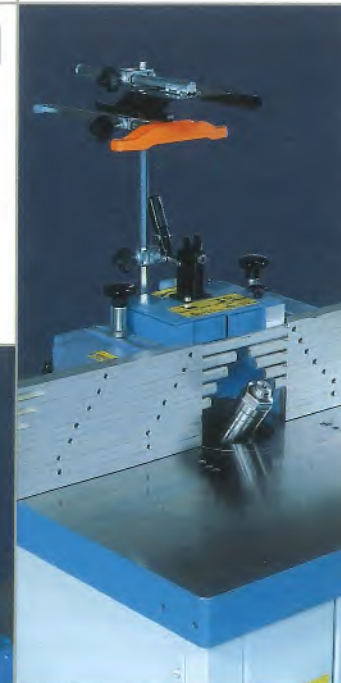
T 800 i for tenoning with front sided carriage, tenoning table and extraction hood.



T 800 i with front sided carriage, telescopic fence and table extension.



The anodised aluminium integral safety guide (option) can be individually adjusted to any shape of the moulding tool. When working on large work-pieces, the shiftable bars offer a continuous fence and guarantee a maximum of safety.



VARIO moulding fence with essential features:

- precise parallel adjustment with pin-fitting
- quick and easy adjustment of fence to each moulding tool
- easy mounting of fence with bores in the table
- extremely quick preparation

With the approved spindle moulder T 800 i, the optimal combination of quality and low price is guaranteed.

Large operational area and optimal comfort were considered during development of the machine. The security and easy handling are more positive features of this machine.

TECHNICAL DATAS

	T 800 i
Worktable size	800 x 800 mm
Spindle diam.	30 mm
Tilting spindle	-5° bis +45°
Height adjustment of spindle	175 mm
Spindle working length	125 mm
Max. tool diameter	
for profiling	180 mm
for tenoning	250 mm
Spindle speeds	1400/3500/6000/8000 rpm
Motor power	4,0 HP
Weight approx.	360 kg

T 1000 S/L



STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Anodised aluminium sliding table 1150 mm or 1600 mm
- 190 mm table opening with dust extraction
- VARIO moulding fence
- Integral safety guides
- Electronical speed indication
- Double sided swiveling aggregate
- Mounted spindle fixing
- 4 speeds standard
- Big solid cast iron working table
- Operation tools

OPTIONAL EQUIPMENT

- Telescopic fence 900 mm with 2 stops
- Eccentric holder
- Left and right turning of spindle moulder
- Tenoning table and extraction hood
- Spindle moulder tilting to the back side
- Table extension left and right from the machine
- Spindle diam. optional 35 mm, 40 mm or 50 mm
- Motor 5,5 HP or 7,5 HP

SPINDLE MOULDER

Right from the development of this machine a lot of effort was put on security and easy operation to ensure best working conditions and optimal operating comfort.



T 1000 S with solid anodised aluminium sliding table, telescopic fence and table extension for big workpieces.



T 1000 S with tenoning table, telescopic fence and extraction hood.

Tilting spindle to the backside (option) offer the following advantages:

- Increased security, the milling cutter is hooded through the workpiece
- Better chip discharge through the moulder fence and dust extraction underneath the table

The integral safety guides lower the risk of accident.



VARIO moulding fence with essential features:

- precise parallel adjustment with pin-fitting
- quick and easy adjustment of fence to each moulding tool
- easy mounting of fence with bores in the table
- extremely quick preparation

The compact and easy spindle moulder BERNARDO T 1000 S/L is equipped with tiltable spindle, so the same moulding cutter can be used for various profiles. Therefore the BERNARDO T 1000 S/L is the ideal machine for all moulding works. Profiling, moulding or tenoning, with this machine you will always have best results, safe and easy. The strong cast iron steel construction ensures permanent high performance and precision.

TECHNICAL DATAS

T 1000 S/L

Worktable size	1000 x 500 mm
Tenoning carriage T 1000 S	1150 x 350 mm
Tenoning carriage T 1000 L	1600 x 350 mm
Spindle diam.	30 mm
Tilting spindle	-5° bis +45°
Height adjustment of spindle	175 mm
Spindle working length	125 mm
Max. tool diameter	
for profiling	180 mm
for tenoning	250 mm
Spindle speeds	1400/3500/6000/8000 rpm
Motor power	4,0 HP
Weight approx. T 1000 L	390 kg

Mortiser
Woodturning lathes
Wood bandsaws
Edge sanders
Belt and edge sanding machines

LBM 200

MORTISER



STANDARD EQUIPMENT

- Eccentric workpiece holder (1 pc.)
- Longitudinal and transversal stops
- Stop pin can be used on both sides
- Drilling aggregate can be swivelled to both sides
- Westcott chuck 0 - 20 mm
- One-hand operation
- Motor protection
- Service wrenches

OPTIONAL EQUIPMENT

- 2-speed motor (3,0 / 4,0 HP)
- Carriage
- Eccentric workpiece holder
- Mitre fence
- Extension for working table
- 4-size rotor group with fixed positions at 16-22-25-32 mm

The mortiser with the optimal balance of price and efficiency. Torsion free steel construction with fixed big cast iron table with polished surface.



LBM 200 with mounted 4-size rotor group with fixed positions at 16-22-25-32 mm.



LBM 200 with tilted aggregate (optimal for slotting operations) and carriage.

Adjustable mitre fence, tiltable 2 x 45°



Extractable table extension for big workpieces

Easy handling in connection with the adjustable roller guideways of the cross support guarantees precise working.

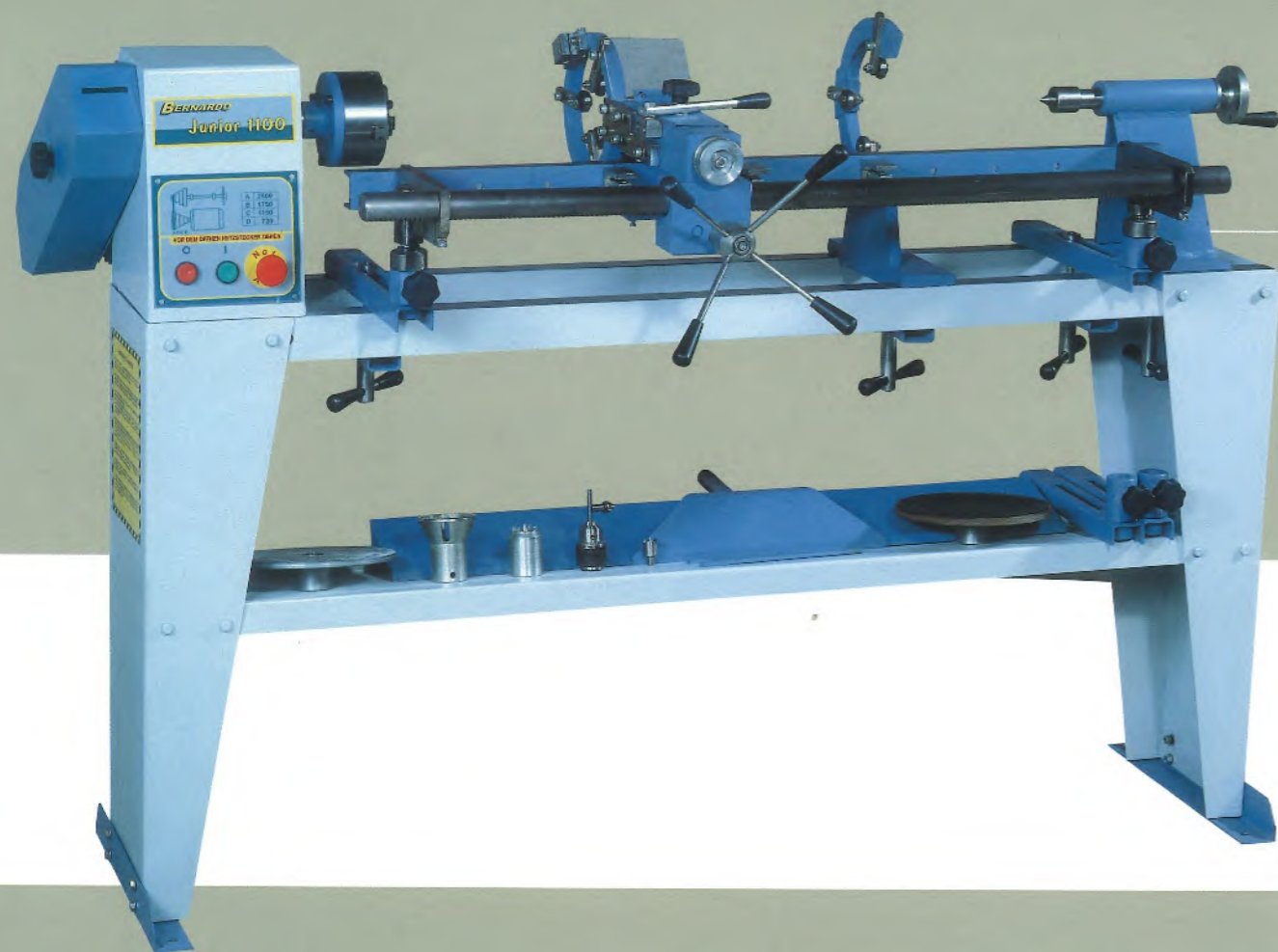
Stop pin for serial production is included, as well as a drill chuck with cover, one eccentric workpiece holder, motor protection and a drilling aggregate which can be swivelled to both sides complete the standard equipment.

TECHNICAL DATAS

LBM 200

Table size	600 x 320 mm
Height of table	850 mm
Transversal stroke	200 mm
Longitudinal stroke	260 mm
Vertical stroke	140 mm
Spindle speed	2840 rpm
Inclinable spindle group	45° - 0° - 45°
Westcott chuck	0 - 20 mm
Motor power	3,0 HP
Weight approx.	180 kg

JUNIOR 1100



STANDARD EQUIPMENT

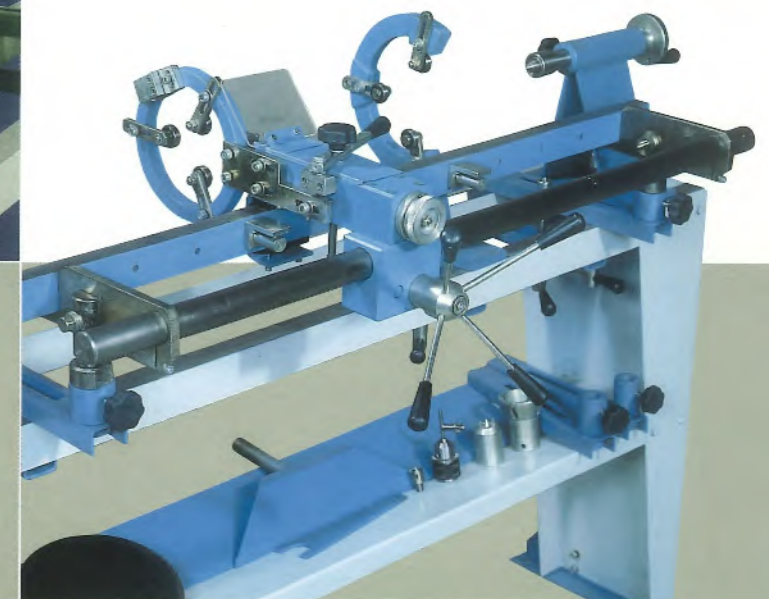
- Electrical equipment 400 V / 50 Hz
- Copying device
- Face plate diam. 220 mm
- Sanding disc diam. 220 mm
- Tool rest 370 and 1000 mm
- Steady rest
- Follow rest
- Spore drive center
- Drill chuck
- Live center
- Cup chuck

OPTIONAL EQUIPMENT

- 4-jaw chuck diam. 125 mm
- Independent chuck diam. 125 mm
- Flange diam. 125 mm

WOODTURNING LATHE

The compact and good value woodturning lathe with the unbeatable balance of price and efficiency for the do-it-yourselfer, who gets a extensive accessories when investing in the standard execution.



Sanding disc diam. 220 mm. →



↑ Copying device for efficient copying from original piece or from a template.



→ 4-jaw chuck diam. 125 mm (optional).



← Face plate diam 220 mm.

TECHNICAL DATAS

JUNIOR 1100

Distance between centers	1100 mm
Height of centers	225 mm
Height of bed	820 mm
Speeds	720/1150/1750/2800 rpm
TAILSTOCK	
Taper of tailstock	MT 2
Travel of tailstock sleeve	80 mm
COPY ATTACHMENT	
Copying length	1000 mm
Max. copying diameter	100 mm
Motor power	1,0 HP
Dimension (LxW)	1700 x 850 mm
Weight approx.	170 kg

CL 1200



STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Copying device
- Steady rest
- Follow rest
- Live center
- Spore drive center
- Face plate diam. 200 mm
- Tool rest

OPTIONAL EQUIPMENT

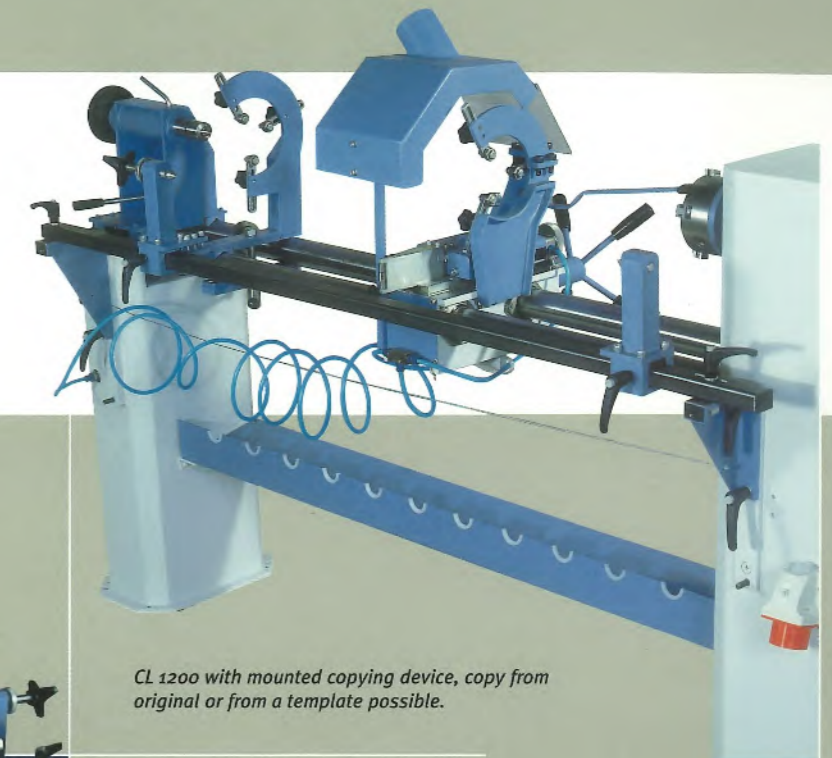
- 4-jaw chuck diam. 160 mm
- Independent chuck diam. 160 mm
- Flange diam. 160 mm

WOODTURNING LATHE

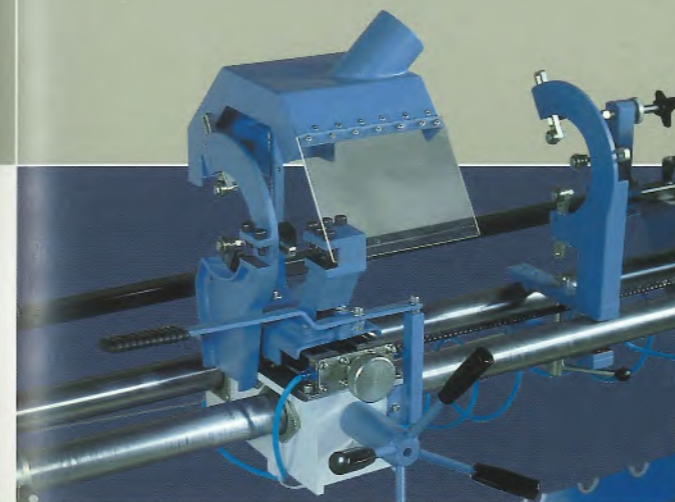
The efficient woodturning lathe CL 1200 for the professional wood turner with high expectations offers optimal function, nice construction, safety and preciseness.



Easy and precise movable tailstock with quick clamping.



CL 1200 with mounted copying device, copy from original or from a template possible.



Copying device with pneumatic pressure device, steady and follow rest.

The massive, spindle with precision bearings, with the four tuned speeds guarantees optimal revolution also on big workpieces.



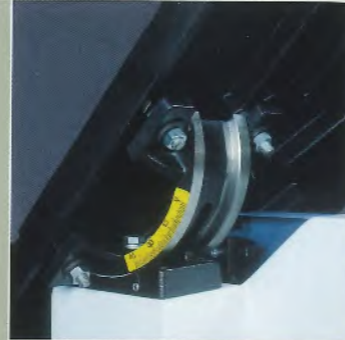
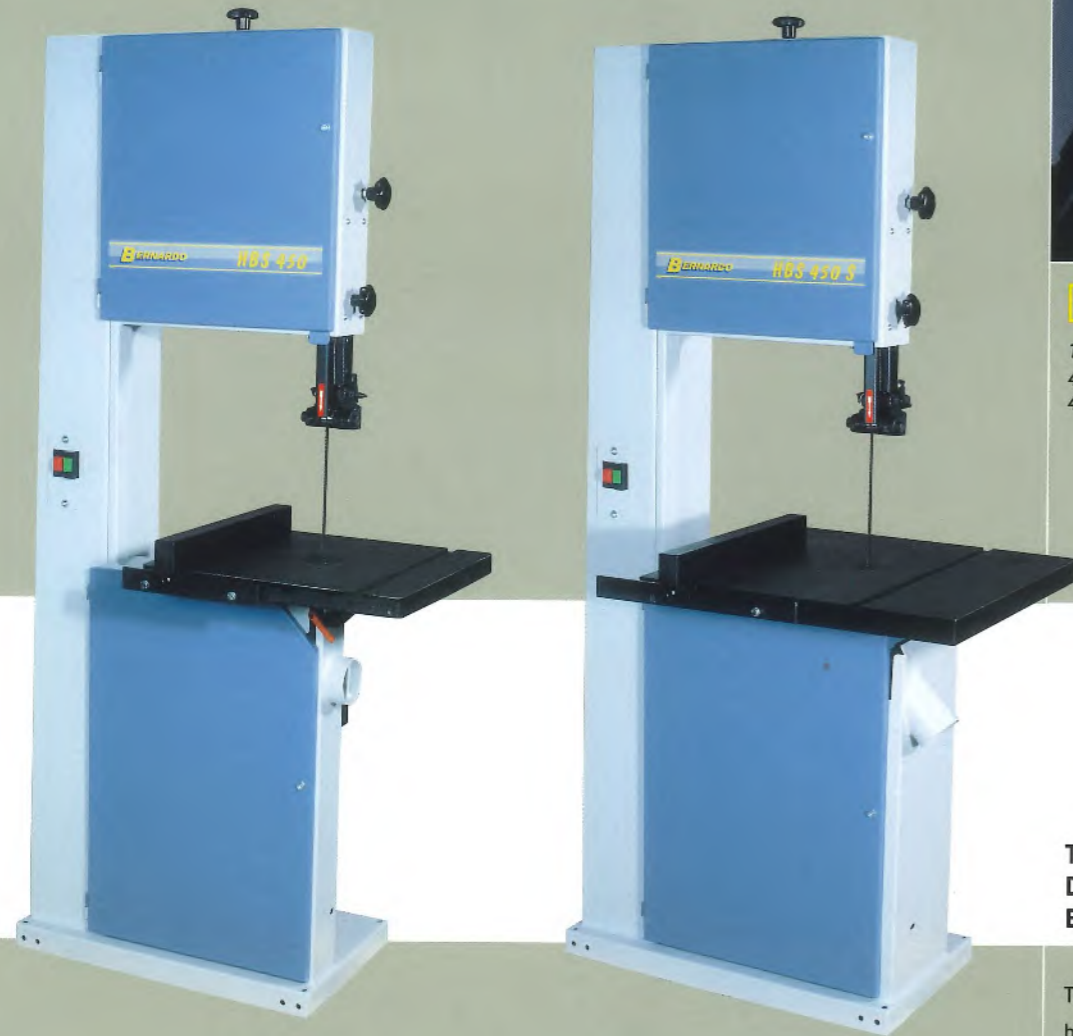
Stable headstock for vibration-free and clean working. Machine with 4-jaw chuck diam. 125 mm (optional).


TECHNICAL DATAS	CL 1200
Distance between centers	1250 mm
Working diam.	
- over guideways	440 mm
- over support	250 mm
- at copying	250 mm
Spindle speeds	500/1000/2000/2800 rpm
Spindle thread	M 33 x 3,5 mm
TAILSTOCK	
Taper of tailstock	MT 2
Travel of tailstock sleeve	100 mm
COPY ATTACHMENT	
Copying length	1100 mm
Max. copying depth	65 mm
Motor power	1,5 HP
Dimension (LxW)	2100 x 750 mm
Weight approx.	370 kg

HBS 450 / 450 S

HBS 550 S

WOOD BANDSAWS



 *Tiltable table made of cast iron (HBS 450 S and HBS 550 S), tiltable up to 45°.*

TECHNICAL DESCRIPTION AND EXECUTION

The height adjustment of the saw blade is performed with a toothed rack and gear

Large dimensioned flywheels with rubber coat for long life of the saw blades

Torsion free, solid steel construction

Table of cast iron with longitudinal groove

Quick change of cutting speed by means of quick clamping unit (S-4 types)

STANDARD EQUIPMENT

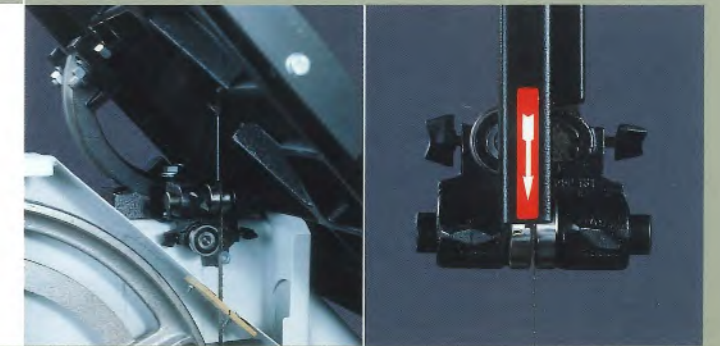
- Toothed rack for upper blade guideways
- Rubber coated flywheels
- Precision blade guides
- Steel fence
- Saw blade
- Wheel cleaning brush


OPTIONAL EQUIPMENT

- Mitre fence
- Circle cutting device
- Carriage
- Different saw blades



Heavy enclosed construction guarantees vibration-free run, flywheels of alloy-die casting with rubber coat, for a long life span of the saw blades.



 *Precision ball-bearing guideways over and under the table (HBS 450 only over the table) guarantee perfect blade guiding.*

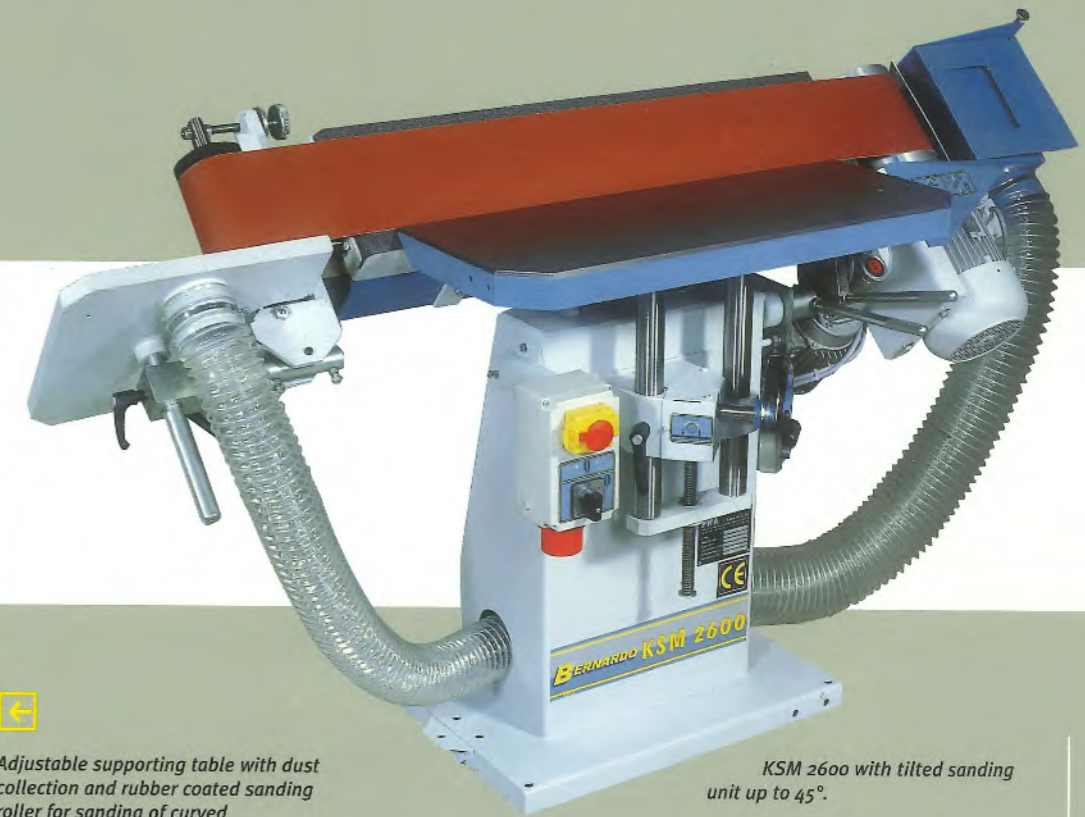
TECHNICAL DATAS

	HBS 450	HBS 450 S	HBS 450 S - 4	HBS 550	HBS 550 S - 4
Flywheels diam.	450 mm	450 mm	450 mm	550 mm	550 mm
Cutting capacity	440 mm	440 mm	440 mm	540 mm	540 mm
Cutting height	270 mm	270 mm	270 mm	280 mm	280 mm
Blade length	3430 mm	3430 mm	3430 mm	3980 mm	3980 mm
Cutting speed	750 m/min	750 m/min	70/180/380/980 m/min	695 m/min	70/180/380/980 m/min
Table dimension	520 x 460 mm	630 x 580 mm	630 x 580 mm	630 x 580 mm	630 x 580 mm
Table height	890 mm	900 mm	900 mm	990 mm	990 mm
Tilting table	0°- 45°	0°- 45°	0°- 45°	0°- 45°	0°- 45°
Dust extraction diam.	90 mm	90 mm	90 mm	90 mm	90 mm
Motor power 70% ED	2,0 HP	2,0 HP	2,0 HP	2,0 HP	2,0 HP
Weight approx.	130 kg	160 kg	168 kg	208 kg	220 kg
Dimensions: (WxDxH)	620x900x1890 mm	700x950x1890 mm	700x950x1890 mm	800x1050x2050 mm	800x1050x2050 mm

KSM 2600



EDGE SANDER



Adjustable supporting table with dust collection and rubber coated sanding roller for sanding of curved workpieces.

KSM 2600 with tilted sanding unit up to 45°.



Sanding oscillation with separate motor and lever for tilting of the aggregate with scale.



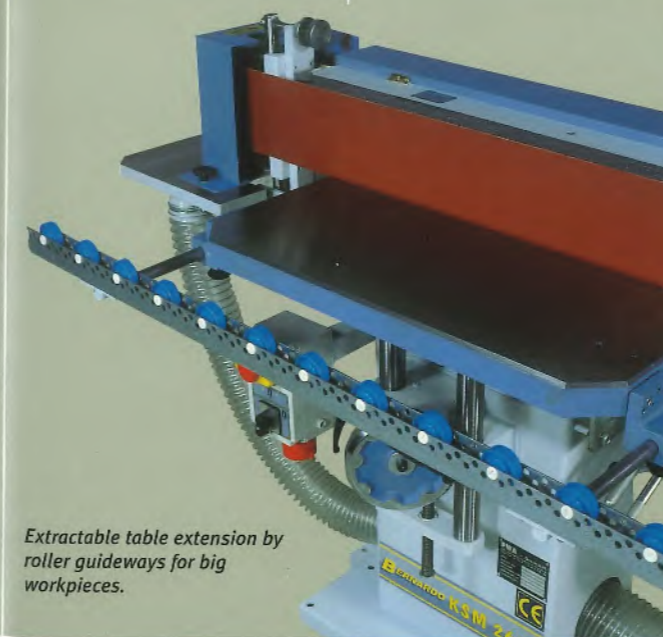
Handwheel for table height adjustment with clamping possibility and electric control box.

TECHNICAL DESCRIPTION AND EXECUTION

- Belt tension with tightening springs for automatic compensation of length tolerances
- Torsion- and vibrations-free construction, extremely stable
- Sanding unit adjustable between 90° and 45° by handwheel
- Band oscillation with separate motor
- Height adjustable sanding table in order to use the whole band width
- Height adjustable supporting table with dust extraction for grinding of curves

OPTIONAL EQUIPMENT

- Sanding table with 2 additional rubber coated rollers
- Support for power feeder
- Carriage
- Extension for working table
- Rubber coated sanding roller diam. 100 mm



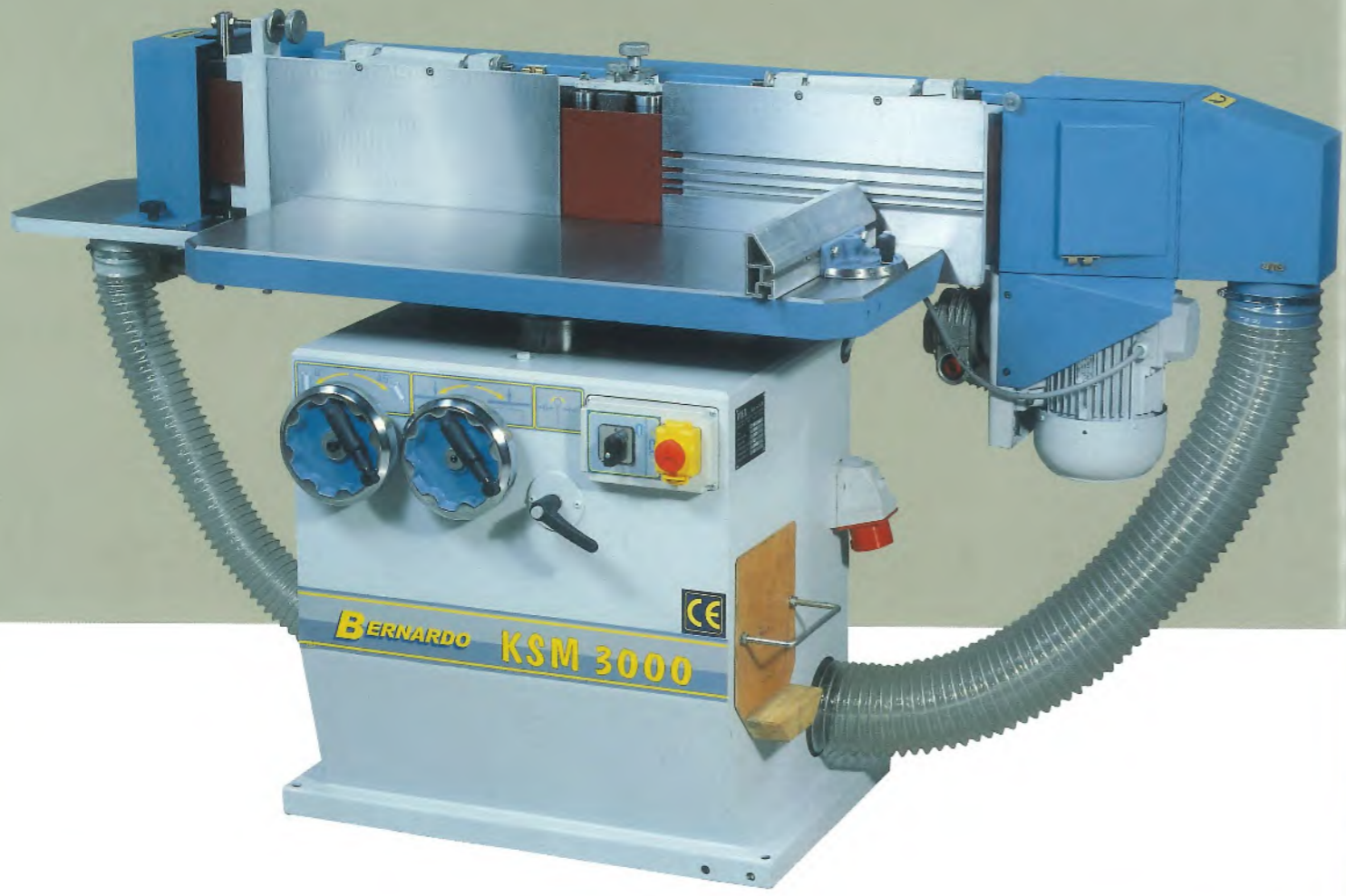
Extractable table extension by roller guideways for big workpieces.

TECHNICAL DATAS

KSM 2600

Work table	750 x 300 mm
Table height adjustment	200 mm
Belt length	2600 mm
Belt width	150 mm
Sanding table	850 x 200 mm
Tilting of sanding unit	90° - 45°
Belt speed	20 m/sec.
Oscillation motor	0,33 HP
Oscillation stroke	20 mm
Motor	4,0 HP
Speed	2840 rpm
Dust hood diameter	120 / 80 mm
Overall dimensions	1600 x 850 x 1350 mm
Weight approx.	180 kg

KSM 3000

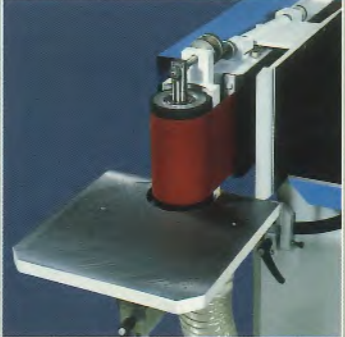


EDGE SANDER

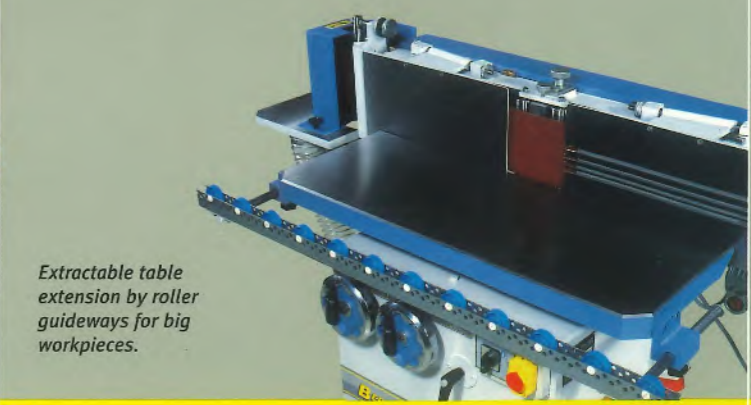


← Sanding devices can be opened and fixed.

KSM 3000 with tilted sanding unit and veneer edge sanding device in upright position.



→ Adjustable supporting table with dust collection and rubber coated sanding roller for sanding curved workpieces.



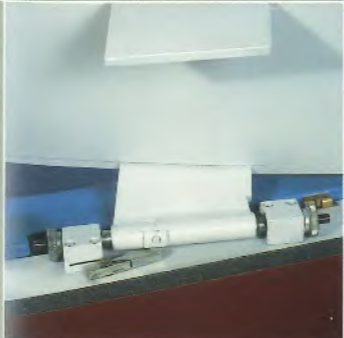
Extractable table extension by roller guideways for big workpieces.

TECHNICAL DESCRIPTION AND EXECUTION

- Belt tension with tightening springs for automatic compensation of length tolerances
- Torsion- and vibrations-free construction, extremely stable and solid
- Sanding unit adjustable between 90° and 45° by handwheel
- Grooved fence for excess length of veneer
- Band oscillation with separate motor
- Height adjustable supporting table with dust extraction for grinding of curves
- Height adjustable sanding table in order to use the whole band width
- Serial veneer sanding device with fine adjustment and fences
- Quick change from veneer-, to massive wood sanding

OPTIONAL EQUIPMENT

- Rubber coated sanding roller diam. 100 mm
- Support for power feeder
- Carriage
- Extension for working table
- Sanding table with 2 additional rubber coated rollers



← Sanding device with fine adjustment and a self fixing.



→ Sanding table with turnable dustplate to take up the standard roller or the two rubber coated rollers diam. 60 mm and 120 mm.

TECHNICAL DATAS	KSM 3000
Work table	960 x 350 mm
Table height adjustment	230 mm
Belt length	3000 mm
Belt width	150 mm
Belt width KSM 3000 S	200 mm
Sanding table	1050 x 200 mm
Tilting of sanding unit	90° - 45°
Belt speed	20 m/sec.
Oscillation motor	0,33 HP
Oscillation stroke	20 mm
Motor	4,0 HP
Speed	2840 rpm
Dust hood diam.	120 / 80 mm
Overall dimension	1800 x 900 x 1350 mm
Weight approx.	320 kg

KSM 3000 S

EDGE SANDER



Working with heavy workpieces is significantly easier, due to the tiltable aggregate which can be tilted up to 45° and the stable horizontal position of the working table.

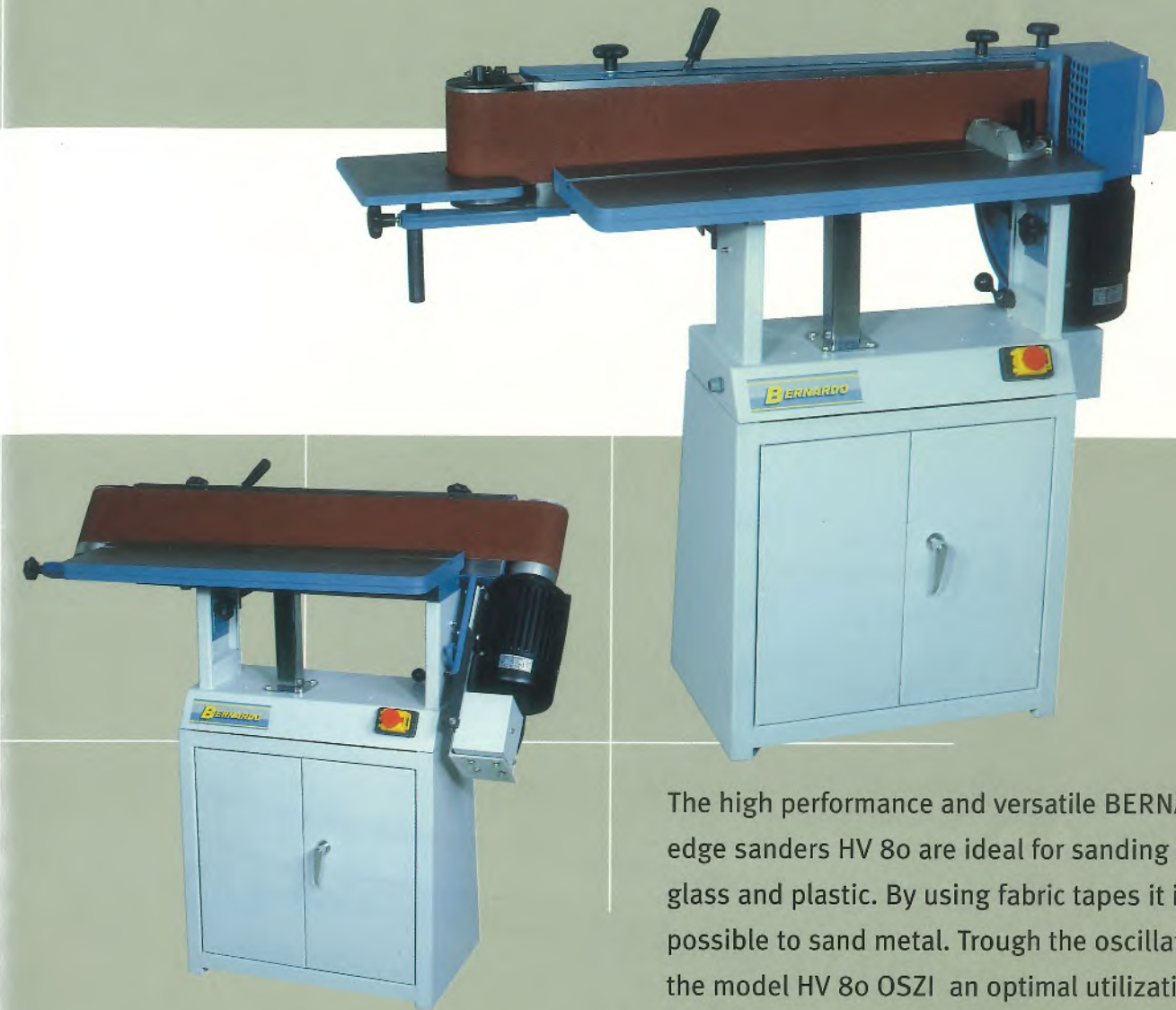


DESCRIPTION,
EXECUTION AND
TECHNICAL DATAS

see page 51

HV 80 OSZI

EDGE SANDER



The high performance and versatile BERNARDO edge sanders HV 80 are ideal for sanding of wood, glass and plastic. By using fabric tapes it is possible to sand metal. Trough the oscillation on the model HV 80 OSZI an optimal utilization of the sanding paper is guaranteed. Trough stepless tilting of the horizontal flank side the operation possibilities are increased.

STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Height adjustable table for sanding curved workpieces
- Sanding belt
- Table height adjustment with handwheel (HV 80 OSZI)
- Mitre fence
- Tool cabinet with storage (HV 80 OSZI)
- Tilttable sanding unit

TECHNICAL DATAS

	HV 80	HV 80 OSZI
Table dimension	750 x 250 mm	840 x 300 mm
Table height adjustment	110 mm	80 mm
Tilting of sanding unit	90° - 0°	90° - 45°
Belt length	2250 mm	2510 mm
Belt width	150 mm	150 mm
Dust hood diam.	100 mm	100 mm
Belt speed	16 m/sec.	16 m/sec.
Roller diam.	110 mm	110 mm
Motor power	1,5 HP	1,5 HP
Weight approx.	99 kg	148 kg

PBVN 2400

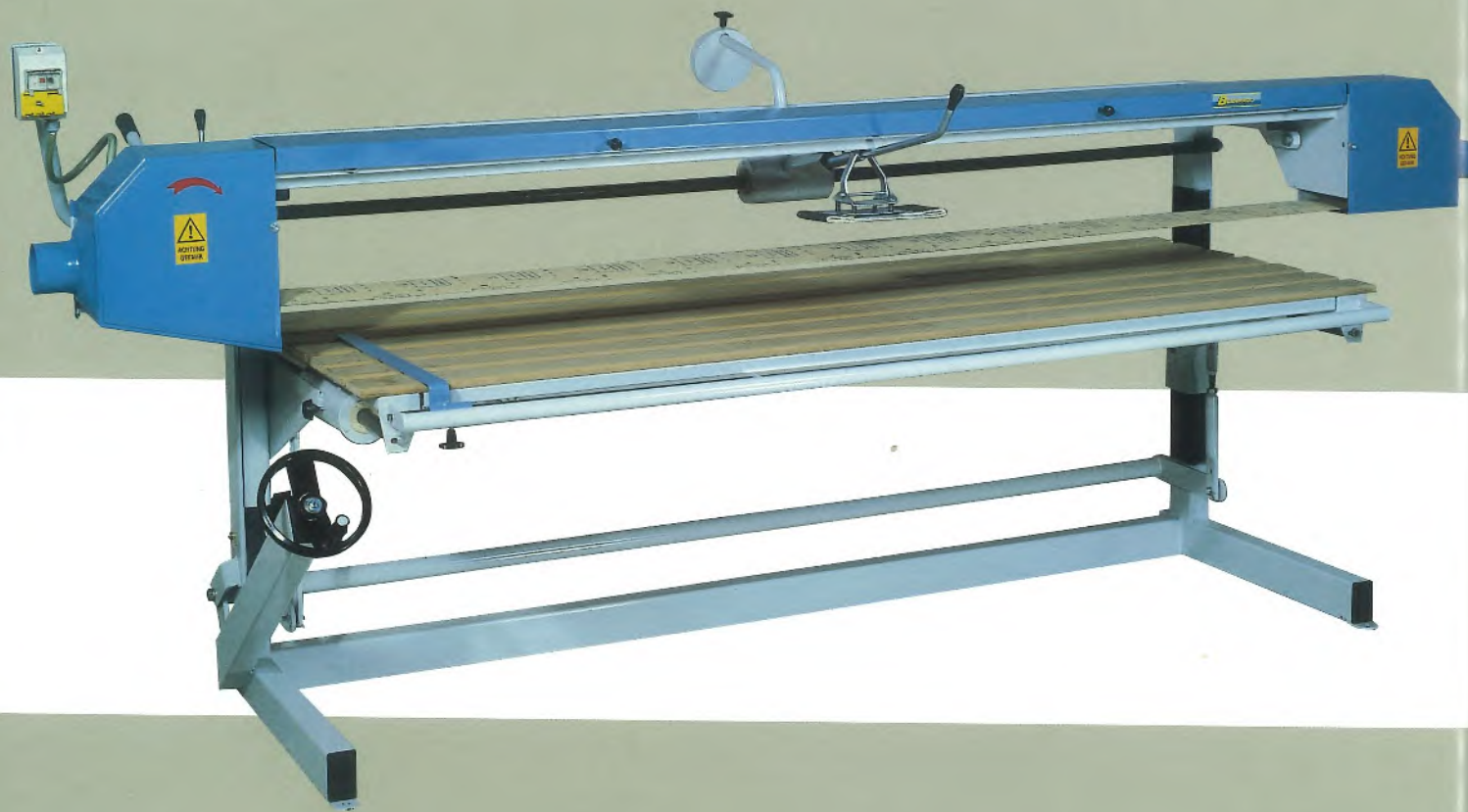
PBVN 2000

PB 2400

BELT AND

EDGE SANDING MACHINES

The belt and edge sanding machines type PB and PBVN are ideal for sanding of wood, chipboard and similar materials.



Model PBVN with tilted sanding unit and opened working table to use the whole belt width.



All these machines are outstanding due the simple and robust construction, easy handling and low maintenance.

TECHNICAL DESCRIPTION AND EXECUTION

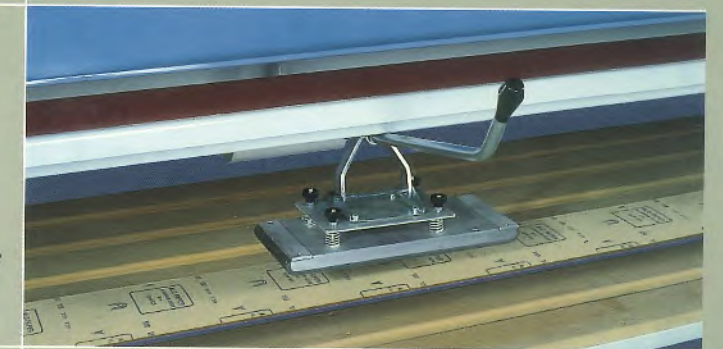
- Easy change from surface grinding machine to edge sanding machine by simply tilting (PBVN)
- Trough the big crank left and right and the open construction to the backside, big work pieces can be sanded (PBVN)
- Easy moving height adjustable table by handwheel from the front (PBVN)

STANDARD EQUIPMENT

- Standard sanding pad
- Double-sided dust extraction
- Graphite coating for upper table
- Tilttable table (PBVN)
- Fence



Big belt rollers (diam. 265 mm) ensure a optimal and vibration-free run.



The special sanding pad (optional) is commuting bedded, the four compression springs ensure permanent seating of the sanding paper on to the workpiece.

TECHNICAL DATAS

	PB 2400	PBVN 2000	PBVN 2400
Work table	2400 x 960 mm	2000 x 960 mm	2400 x 960 mm
Belt length	6800 mm	6000 mm	6800 mm
Belt width	150 mm	150 mm	150 mm
Sanding height	420 mm	420 mm	420 mm
Belt speed	20 m/sec.	20 m/sec.	20 m/sec.
Motor power	4,0 HP	4,0 HP	4,0 HP
Length	3500 mm	3100 mm	3500 mm
Width	1060 mm	1060 mm.	1060 mm
Height	1520 mm	1520 mm	1520 mm
Weight approx.	370 kg	400 kg	415 kg

Vertical edge clamping press

Frame press

Four side planer

Four side planer & moulder

Dust collectors

Radial collectors

Power feeders

Work benches

Radial arm saw

HVS 30/20



STANDARD EQUIPMENT

- 4 flexible pressing beams on ball-bearings with one vertical hydraulic cylinder and clamp
- Flexible adjustable front clamp

OPTIONAL EQUIPMENT

- Flexible pressing beam with one hydraulic cylinder
- Clamping area 2800 x 1900 mm
- Flexible, adjustable front clamp
- Manual hydraulic cylinder and clamp
- Angular press plate
- Carriage
- Electro heated ruler in various lengths

VERTICAL EDGE CLAMPING PRESS

Universal use as well quick and easy operation are features of the vertical edge clamping press HVS 30/20.

Simple and quick changing of all workpiece dimensions through ball-bearings print bar which is adjustable sideways continuously.

Quality-cylinder with 2000 kp pressure and shuttle plate (optional) for production of for example slanted windows.

Essential for e.g. craft works and carpenters for various tasks such as glueing massive wood, production of doors or different repair works.

Inexpensive variant of the cylinder with max. 1000 kp, applicable for bonding and assembly works where no extreme pressure is necessary.

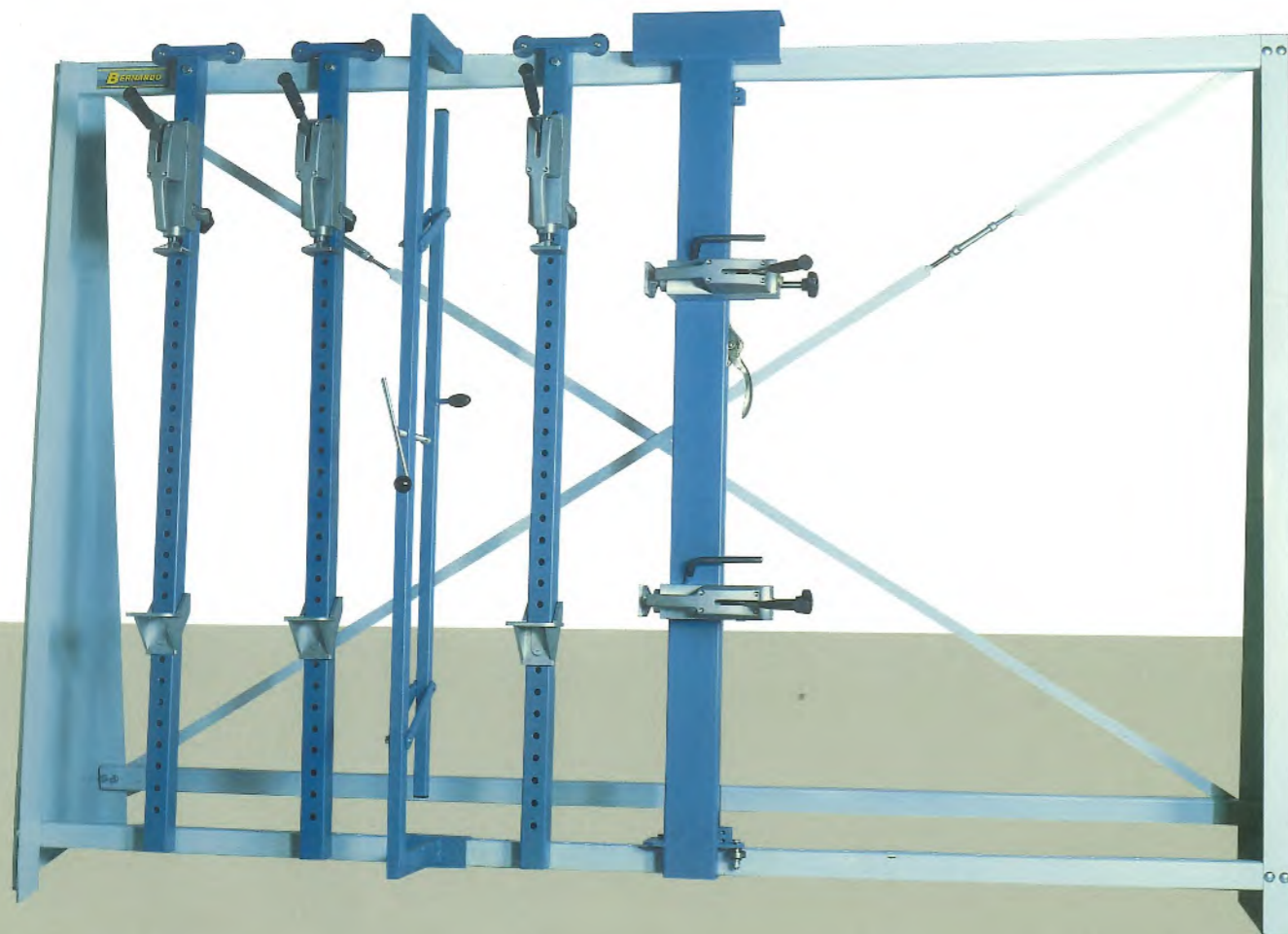
Front clamp for glueing blocks.

TECHNICAL DATAS

HVS 30/20

Working length	2800 mm
Working height	1360 mm
Stroke of ram	60 mm
Pressure force	2000 kp
Length	3000 mm
Height	2000 mm
Width	550 mm
Weight approx.	250 kg

HRP 30/20



STANDARD EQUIPMENT

- 3 flexible pressing beams on ball-bearings, with one vertical hydraulic cylinder and clamp
- 1 flexible pressing beam on ball-bearings with two horizontal manual hydraulic cylinder
- Flexible adjustable front clamp

OPTIONAL EQUIPMENT

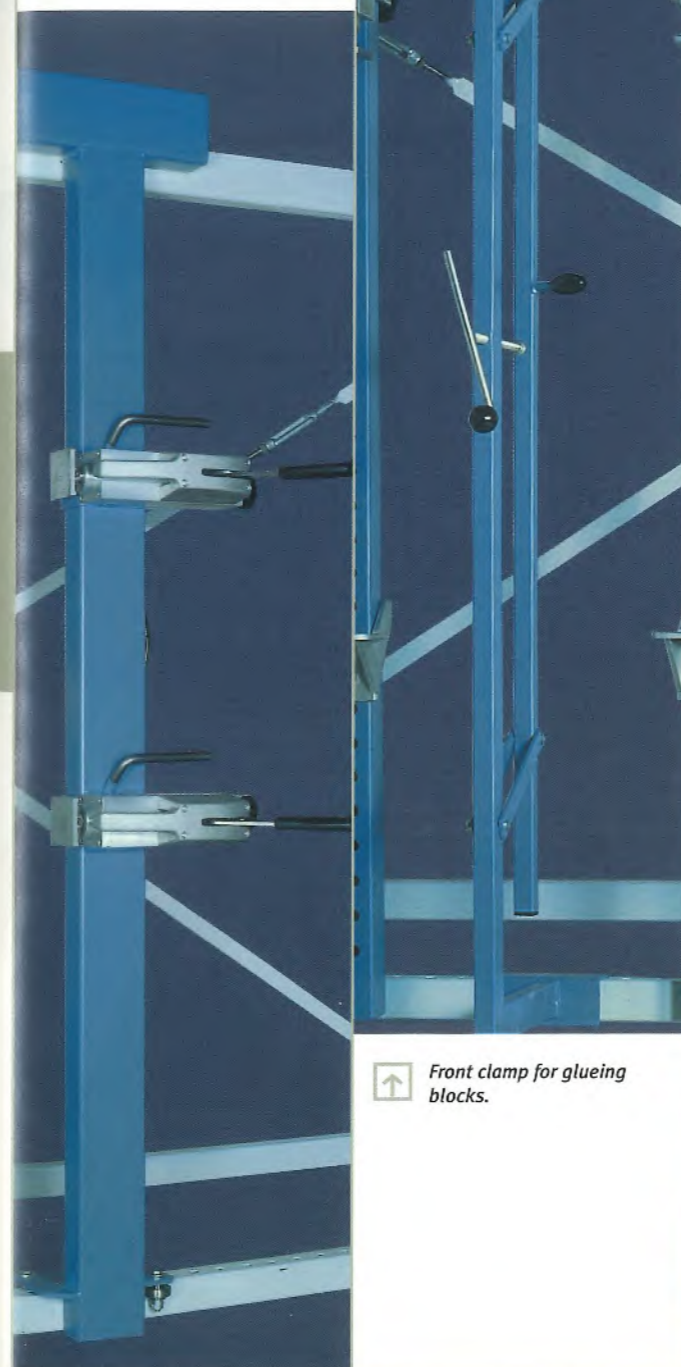
- Flexible pressing beam with one hydraulic cylinder
- Flexible adjustable front clamp
- Manual hydraulic cylinder and clamp
- Angular press plate
- Carriage
- Electric heated ruler in various lengths

FRAME PRESS

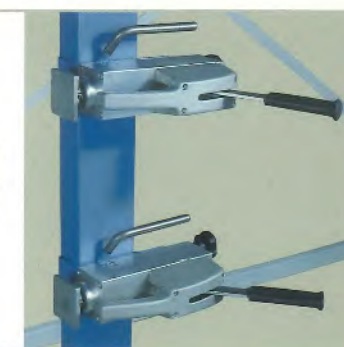
The frame clamp HRP 30/20 is especially constructed for extreme use.

Production of furniture, glueing blocks or stairs, due to the high pressure of 2000 kp per cylinder all works can be carried out easily without effort.

The pressing beam with 2 horizontally adjustable cylinders has ball-bearings and can be used every 5 cm.



Horizontally adjustable cylinders for exact pressing of frames, drawers etc.



Quality-cylinder with 2000 kp pressure force and angular press plate (optional) for the slanted bonding of stairs, windows, ...



Front clamp for glueing blocks.



TECHNICAL DATAS

HRP 30/20

Working length	2800 mm
Working height	1360 mm
Stroke of ram	60 mm
Pressure force	2000 kp
Length	3000 mm
Height	2000 mm
Width	670 mm
Weight approx.	400 kg

COMPACT 18 S



STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Standard with 4 pcs. of cutterblocks
- Long infeed table
- Optimal balance of price and efficiency
- Protection cover
- Knife setting device
- Digital readout for 3rd and 4th spindle

OPTIONAL EQUIPMENT

- Infeed table length 2300 mm
- Electrical up and down for spindle group

FOUR SIDE PLANER

COMPACT 18 S is an inexpensive and efficient four side planer for the professional worker. Compact and space saving construction in connection with solid and sophisticated technique lead to optimal working results.



→ Easy feeding of the workpieces trough the feed roller in front of the spindle.



↓ Precise positioning of the planer height and width from the front with digital readout, accuracy 1/10 mm.



TECHNICAL DATAS

COMPACT 18 S

Working width min./max.	23 - 180 mm
Working height min./max.	7,5 - 120 mm
Min. length of workpiece	350 mm
Length of infeed table	1700 mm
Fast regulation of the infeed table	10 mm
Spindle speed	6000 rpm
Spindle diam.	40 mm
Diam. of cutterhead	120 mm
Min./max. diam. of cutterhead no. 2nd, 3rd and 4th	120 / 137 mm
Length of vertical spindle	130 mm
Length of horizontal spindle	190 mm
Feeding speeds	6 / 12 m/min
Diam. of the feed rollers	120 mm
Feeding motor	1,1 / 1,5 HP
Motor of horizontal spindles	10,0 HP
Motor of vertical spindles	10,0 HP
Diam. of dust extraction hoods	150 / 120 mm
Weight approx.	930 kg

QUADROPROFILER 18 S



STANDARD EQUIPMENT

- Electrical equipment 400 V / 50 Hz
- Standard with 4 pcs. of cutterblocks
- Long infeed table
- Optimal balance of price and efficiency
- Protection cover
- Operation tools
- Digital readout for spindle adjustment

OPTIONAL EQUIPMENT

- Infeed table length 2300 mm
- 5th universal spindle
- Stepless feed

FOUR SIDE PLANER AND MOULDER

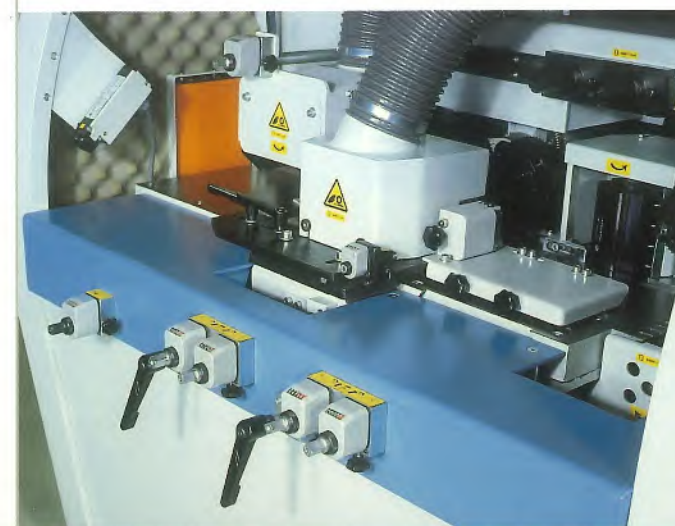
With the four side planer and moulder QUADROPROFILER 18 S, a further development of the reknown Compact 18 S is it possible to plane on four sides and also profile at the same time. These features at a very interesting and economical price.



← Ergonomically arranged electric control elements on the control panel.



↓ Setting of the cutterblocks with digital readout, at an accuracy of 1/10 mm, on the front side of the machine.



TECHNICAL DATAS

QUADROPROFILER 18 S

Working width min./max.	16 - 180 mm
Working height min./max.	6 - 120 mm
Min. length of workpiece	430 mm
Length of infeed table	1700 mm
Fast regulation of the infeed table	10 mm
Spindle speed	6000 rpm
Spindle diameter	40 mm
Diameter of 1st spindle	120 mm
Min./max. diam. of cutterhead no. 2nd, 3rd and 4th	100 / 180 mm
Length of vertical spindles	130 mm
Length of horizontal spindles	190 mm
Feeding speeds	6 / 12 m/min
Diam. of the feed rollers	120 mm
Feeding motor	1,2 / 2,0 HP
Motor of horizontal spindles	2 x 7,5 HP
Motor of vertical spindles	10,0 HP
Diam. of dust extraction hoods	120 mm
Weight approx.	1300 kg

DC 300

DUST COLLECTORS



The high-performance and mobile dust collectors of the DC-series increase the productivity of your woodworking machines and help you, to hold the workplace chip and dust free.

DC 500



Uncomplicated and quick change of waste sack / Steel fan impeller unsensitive against suction in, of little workpieces / Little space requirements, with high suction capacity

STANDARD EQUIPMENT

- Fine dust filter sack
- Steel fan impeller
- Carriage
- Quick clamping device for filter- and waste sack

TECHNICAL DATAS

	DC 300	DC 500
Capacity	2000 m ³ /h	3200 m ³ /h
Inlet diameter	1 x 130 / 2 x 100 mm	1 x 150 / 3 x 100 mm
Waste sack volume	200 l	2 x 150 l
Motor power	2,0 HP	3,0 HP
Voltage	400 V / 50 Hz	400 V / 50 Hz
Weight approx.	47 kg	59 kg

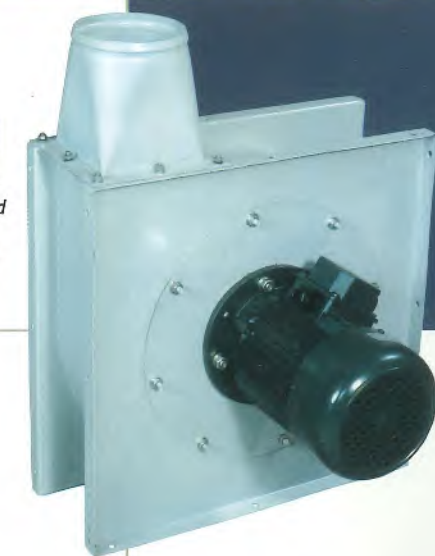
SDC 1241

RADIAL COLLECTORS



Mobile, compact radial collector for suction of dust, gas, etc. in the private sector.

RV 305



The static radial collector RV 305 with steel fan impeller is designed for wall- and ceiling mounting. Delivery without switch and wire.

RV 403



The radial collector RV 403 is used in small and middle dust collectors with low chipping content in the air.

TECHNICAL DATAS

	SDC-1241	RV 305	RV 403
Capacity	1100 m ³ /h	3000 m ³ /h	5800 m ³ /h
Inlet diam.	100 / 65 mm	140 mm	250 mm
Outlet diam.	100 mm	140 mm	250 / 250 mm
Waste sack volume	70 l	-	-
Motor power	0,75 HP	3,0 HP	3,0 HP
Voltage	230 V	400 V	400 V
Weight approx.	22 kg	40 kg	43 kg

FT 202

DUST COLLECTORS



FT 302



FT 504



The FT-serie offer the right dust collector for any use. The high performance equipments are made for the professional worker to exhaust chipping and saw dust according to dust regulation class M, norm IEC 60335-2-69.

Particular characteristics of this series are the enormous capacity, high profitability and the optimal balance between price and efficiency.

FT 400



FT 403



FT 502



FT 404



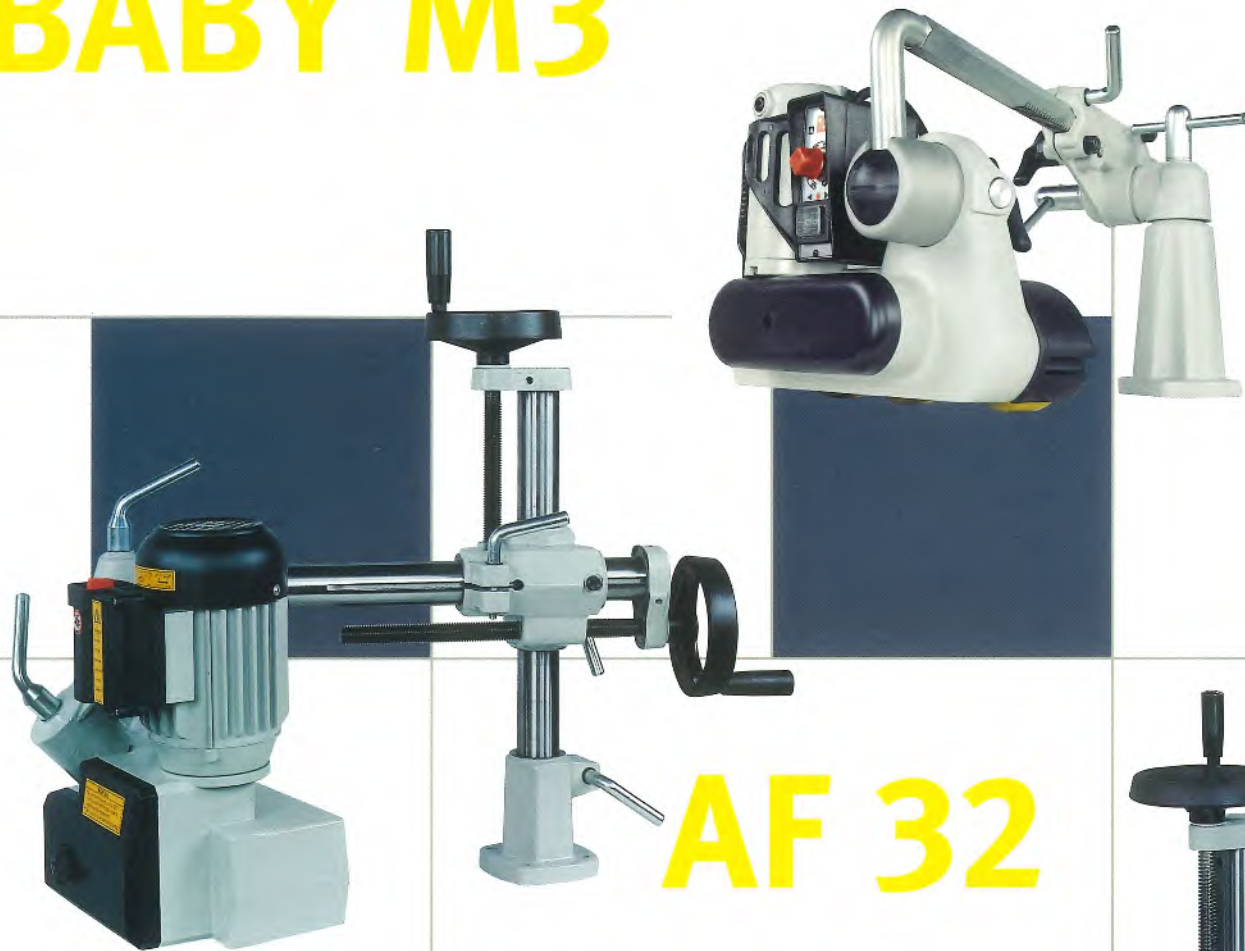
STANDARD EQUIPMENT

- Dust bag
- Waste sack
- Alloy fan impeller (at FT 202 / FT 302)
- Steel fan impeller
- Quick clamping device for dust- and waste sack
- Carriage (FT 202)

TECHNICAL DATAS

	FT 202	FT 302	FT 400	FT 403	FT 404	FT 502	FT 504
Capacity max.	1700 m ³ /h	3600 m ³ /h	4600 m ³ /h	5800 m ³ /h	5800 m ³ /h	7900 m ³ /h	8700 m ³ /h
Inlet diam.	150 mm	180 mm	250 mm	250 mm	250 mm	300 mm	300 mm
Filter area	2,4 m ²	4,6 m ²	6,0 m ²	9,0 m ²	12 m ²	12 m ²	18 m ²
Waste sack volume	240 l	420 l	660 l	1000 l	1320 l	660 l	1320 l
Motor power	1,5 HP	1,5 HP	3,0 HP	3,0 HP	3,0 HP	4,0 HP	4,0 HP
Voltage	400 V	400 V	400 V	400 V	400 V	400 V	400 V
Dimensions (LxWxH) in mm	1350 x 540 x 2100	1610 x 620 x 2200	1320 x 1220 x 2700	2750 x 700 x 2700	3400 x 700 x 2700	2000 x 700 x 2900	3450 x 700 x 2900
Weight approx.	45 kg	68 kg	78 kg	85 kg	95 kg	125 kg	171 kg

BABY M3



AF 32

AF 308

TECHNICAL DESCRIPTION AND EXECUTION

- Right- and left turning as a standard
- Individual setting possibilities for every required working position
- Metal gear unit with hardened gears
- Simple changing of speeds through exchangeable gears
- High spring travel of the rollers
- Tiltable in all directions
- Decreasement of accidents
- Consistent feeding speed

POWER FEEDERS

The power feeders from the largest producer of the world, CO-MATIC, are characteristic for high quality, robust construction, easy handling and reliability.

The production range from the hobby feeder to the industrial version, thus you find the right machine for every operational area.



MX 38

MX 48



TECHNICAL DATAS

	BABY M3	AF 32	AF 308	MX 38	MX 48
Feeding speeds	Stepless 2-12 m/min	5 / 6,5 / 8 / 11 m/min	2,9 / 4,5 / 5,8 / 7,5 / 9 / 11,5 / 15 / 23 m/min	3,5 / 5 / 7 / 10 / 12,5 / 16 / 25 / 32 m/min	3,5 / 5 / 7 / 10 / 12,5 / 16 / 25 / 32 m/min
Rollers	3	3	3	3	4
Roller diam.	76 mm	80 mm	100 mm	120 mm	120 mm
Roller width	30 mm	30 mm	50 mm	60 mm	60 mm
Roller suspension	16 mm	12 mm	20 mm	20 mm	20 mm
Motor	0,13 HP	0,25 HP	0,5 HP	1,0 HP	1,0 HP
Voltage / 50 Hz	230 V	400 V	400 V	400 V	400 V
Weight approx.	12 kg	34 kg	49 kg	57 kg	61 kg

BHB 2100 UB WORK BENCHES



Standard equipment
BHB 1600 UB / 2100 UB

2 hooks
1 tool cabinet

BHB 1600

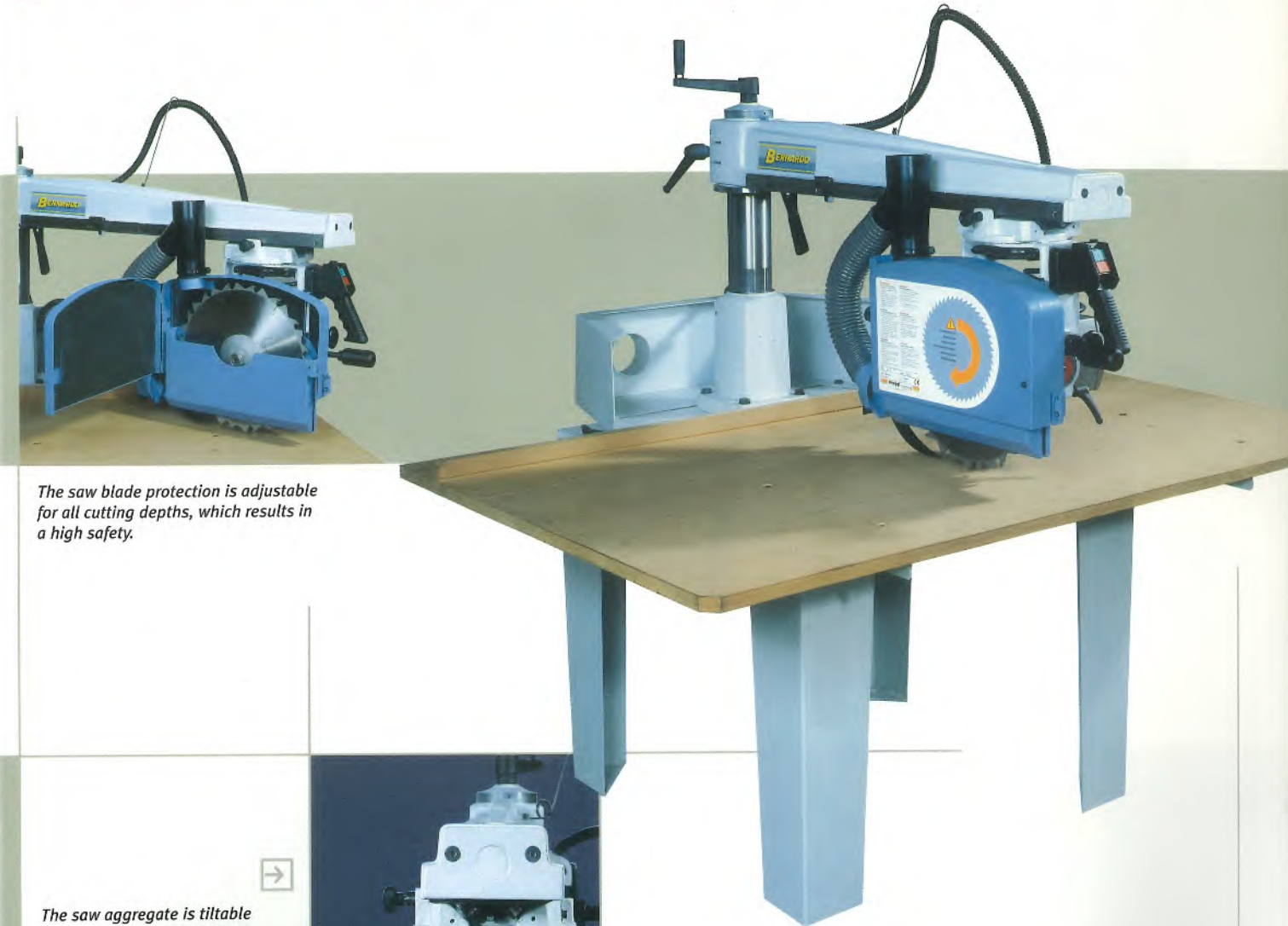


Standard equipment BHB 1600 / 2100

2 hooks

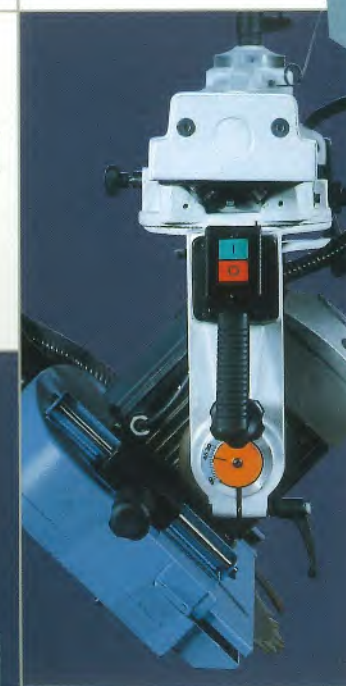
- Superior work bench for professional work and training
- French front clamping device with spindle drive and parallel guideways
- Work disk, trailer and hooks from hushed red beech-tree
- Permanent stability trough adjustable thread rod in the stand
- German backside clamping with solid adjustable guideway
- Massive work plate

JUNIOR 640 RADIAL ARM SAW



The saw blade protection is adjustable for all cutting depths, which results in a high safety.

The saw aggregate is tiltable from 0°-45° for mitre cuts.



The saw blade guideways is guided by ball-bearing 8-fold and adjustable, this leads to best cutting results even after many years.

The radial arm saw JUNIOR 640 can be used for cross-, longitudinal-, tilting and mitre cuts. Thus it is the ideal machine for various production works for the joiner, carpenters and the furniture production.

TECHNICAL DATAS

	BHB 1600	BHB 1600 UB	BHB 2100	BHB 2100 UB
Length	1600 mm	1600 mm	2100 mm	2100 mm
Width	530 mm	530 mm	680 mm	680 mm
Board thickness	90 / 40 mm	90 / 40 mm	100 / 40 mm	100 / 40 mm
Height	820 mm	820 mm	840 mm	840 mm
Weight approx.	80 kg	87 kg	115 kg	127 kg

TECHNICAL DATAS

	JUNIOR 640
Saw blade diam.	350 mm
Max. cut depth at 90°	100 mm
Max. cut depth at 45°	60 mm
Max. cutting length	630 mm
Max. trimming capacity	860 mm
Table dimension	975 x 1580 mm
Motor power	4,0 HP
Weight approx.	180 kg

ADM 260

PLANER AND THICKNESSER



BS 320

WOOD BANDSAW



KDM 900

WOODTURNING LATHE



BDSM

BELT AND DISC SANDER



PHW 2,5 P

HAND PALLET TRUCK



SSM

SCROLL SAW



TECHNICAL DATAS

ADM 260

Planing width	260 mm
Length of tables	1000 mm
Max. thicknesser height	160 mm
Feeding speed	5,0 m/min
Motor power	2,7 HP
Weight approx.	66 kg

BS 320

Throat	305 mm
Cutting height	160 mm
Speeds	6 / 12 m/sec.
Motor power	0,75 HP
Weight approx.	70 kg

KDM 900

Distance between center	900 mm
Turning diameter	305 mm
Speeds stepless	500 - 2000 rpm
Motor power	0,75 HP
Weight approx.	80 kg

BDSM

Table size	158 x 225 mm
Belt size	100 x 915 mm
Table tilt	0° - 45°
Motor power	0,33 HP
Weight approx.	17 kg

SSM

Throat	406 mm
Cutting height	50 mm
Stroke	19 mm
Table size	413 x 253 mm
Table tilt	0° - 30°
Weight approx.	17 kg

PHW 2,5 P

Capacity	2,5 to
Fork length	1100 mm
Wheel material	Polyurethane
Weight approx.	81 kg

