Saw-mill combination

minimax st 5es 32

Maximum equipment for the professional. With miter cutting device and swiveling milling spindle

Article number
5501086

Brand
Holzkraft



Availability
No stock available
Information:
Next availability
Unknown

Catalog directory
Woodworking machinery » Saw milling machine combinations » minimax st 5es

Purchase
Minimum 1 pc(s).

Shipping informations

Packaging Metrics		Weights		Delivery		Other	
Length	n/a	Gross	840 kg	Delivery	Carrier	DualUse	✖
Width	n/a	Net	840 kg	Content	1 pc(s).	SCIP	n/a
Height	n/a					SVHC	No

Root data

Country of origin	EAN	Customs Tariff Number	Quantity unit
Italy	4036351221203	84659200	pc(s).

Video

www.youtube.com/watch?v=e58iAmJ36iE

MADE IN ITALY

Description

- Ø 350 mm main saw blade with 118 mm max. cutting height, which is also achieved with the pre-scoring saw blade installed.
- Scoring device with separate motor and Ø 120 mm saw blade, easily and precisely adjustable from the outside
- Saw unit can be tilted from 90° to -45
- High-precision sliding carriage made of anodized aluminium
- Large edging frame (1200 x 650 mm)
- With material roller and extendable aluminium telescopic fence up to 3300 mm
- Pivoting milling spindle from 90° to -45° backwards into the milling fence
- Four milling speeds
- With right-left rotation of the milling spindle
- Three independent motors
- With lockable main switch, motor protection switch
- With separate saw-parallel fence and separate jointing fence for dressing as standard

Manufacturer
SCM Group S.p.A Div. MINIMAX
Via Casale 450, 47826 Villa Verucchio (RN), Italy
minimax@scmgroup.com

Significant Features





Media informations





Sliding carriage with ball contact system

- Made of anodised aluminium
- Guides made of hardened and ground steel, 15% harder than conventional steel
- Guides riveted and not glued
- Smooth running, quiet and reliable
- 10 years Holzkraft guarantee on wear of the guideways



Sawing unit with double swivel segment guide

- Durable precision due to double swivel segment guide
- 6-year Holzkraft warranty on wear of the swivel segments



Cast iron double weigh saw unit

- Height adjustment via dovetail guide
- Extremely robust and torsion-resistant for precise cuts
- Close to the saw blade, mounted on both sides
- Height and up to 45° inclination adjustable
- Scoring unit as standard with separate scoring motor 0.55 kW



Milling unit with double support

- Swivelling, made of grey cast iron
- Fixing points directly on the table, thus optimum running smoothness
- Milling spindle mounted high up on precision ball bearings, thus low bearing load and longest possible service life
- Powerful industrial motors



Milling stop

- Heavy-duty professional version
- The high-quality milling fence made of grey cast iron is supplied with fine adjustment as standard
- 3-fold positionable for fast return of the setting
- With fine adjustment via toothed rack, numerical display and aluminium milling stop jaws



Memory system

- Milling fence can be removed and replaced without losing the working position



Trimming frame

- With angle-adjustable telescopic crosscut fence
- Degree graduation for even easier angle cutting



Crosscut fence

- Easy reading at the crosscut fence due to slanted scale



Rip fence

- With fine adjustment and quick clamping
- Sturdy round bar guide made of ground steel
- Conveniently foldable for cutting large workpieces to size
- Reversible aluminium ruler for narrow workpieces

Technical data

Dimensions and weights			
Net weight approx.	900 kg		
Extraction port			
Number of suction nozzles	3	Suction nozzle diameter	120 mm

Suction port diameter Saw blade guard	80 mm		
Electrical Data			
Supply voltage	400 V	Mains frequency	50 Hz
Nominal operating mode Drive motor	S6	Duty cycle drive motor	40 %
Number of drives	2	Power drive motor	5.0 kW
Scoring motor power	0.55 kW		
Sliding carriage and table			
Sliding table width	360 mm	Format sliding carriage height	142 mm
Table length	1380 mm	Table width	465 mm
Milling spindle			
Spindle inclination	0 – -45 °	Useful length of the spindle	125 mm
Spindle speeds	3500/6000/8000/10000 min^{-1}		
Milling cutter diameter max.			
Tool diameter max. lowerable	240 mm	Tool diameter max. tenon milling	320 mm
Circular saw unit			
Trimming length	3200 mm	Cutting width with rip fence	900 mm
Max. Cutting width to the left of the saw blade	3300 mm	Saw blade tilt	90 – 45 °
Max. cutting height 90°	118 mm	Max. cutting height 45°	84 mm
Diameter (main) saw blade	350 mm	Explanation Diameter (main) saw blade	with scorer
Diameter scoring saw blade	120 mm	Speed (main) saw blade	4200 min^{-1}

Equipment

Scoring device	with separate scoring motor	Anodised aluminium sliding sizing carriage	✔
Handle for sliding carriage	✔	Trimming frame	1200 x 650 mm, with angle-adjustable telescopic cross-cut fence with two professional folding fences, with degree graduation
Material roll on the trimming frame	✔	Trimming shoe	✔
Eccentric clamp	✔	Table extension	✔
Table lengthening	✔	Saw blade protection	Saw blade pendulum guard with suction hood
Milling stop	with quick positioning	Curved milling protective hood	✔
Height adjustment of the spindle	manual	Inclination adjustment of the spindle	manual
Height adjustment of the saw blade	manual	Tilting adjustment of the saw blade	manual

Accessories



Milling cutter with protective cover
for tools Ø 275 mm

Article number	Availability	Purchase	Price informations
5510407	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Mitre fence
1060 mm, with telescopic guide

Article number	Availability	Purchase	Price informations
5514315	In stock Immediate delivery	Minimum 1 pc(s).	



Replacement tool mandrel

Article number	Availability	Purchase	Price informations
5514322	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Replacement tool mandrel with collet holder
ESWDSPZTR

Article number	Availability	Purchase	Price informations
5515563	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Trolley for accessories
minimax ease

For the storage of a variety of accessories such as: Dressing fence, telescopic ruler, milling fence, milling unit, etc.

Article number	Availability	Purchase	Price informations
5510010	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	

Options equipment



Digital display of the working width at the rip fence

PA-DIGI-ST5ES

Article number	Availability	Purchase	Price informations
5514343	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Digital display of the working width at the rip fence

PA-DIGI-UNI

Article number	Availability	Purchase	Price informations
5516000	In stock Immediate delivery	Minimum 1 pc(s).	



Longitudinal stop

with three LCD displays of the stop position

Article number	Availability	Purchase	Price informations
5514392	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	

Swivel arm for feed unit

Article number	Availability	Purchase	Price informations
5510510	In stock Immediate delivery	Minimum 1 pc(s).	

Quick-change spindle

Article number	Availability	Purchase	Price informations
5514321	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	

Motor power

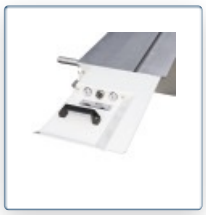
2 x 7 kW

Article number	Availability	Purchase	Price informations
5514324	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Two saw blade speeds

Article number	Availability	Purchase	Price informations
5514326	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



On-off switch for main and scoring saw blade on sliding carriage

Article number	Availability	Purchase	Price informations
5514328	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Motorized height adjustment and swiveling for sawing and milling unit

Article number	Availability	Purchase	Price informations
5514341	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	

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