Saw-mill combination

minimax st 4e F 27

In professional design with swiveling saw blade, swiveling milling spindle and format sliding carriage

Article number
5501069

Brand
Holzkraft



Availability
No stock available
Information:
Next availability
Unknown

Catalog directory
Woodworking machinery » Saw milling machine combinations » minimax st 4e

Purchase
Minimum 1 pc(s).

Shipping informations

Packaging Metrics		Weights		Delivery		Other	
Length	n/a	Gross	588 kg	Delivery	Carrier	DualUse	✖
Width	n/a	Net	588 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	4036351221173	84659200	pc(s).

MADE IN ITALY

Description

- High-precision format sliding carriage made of anodised aluminium
- Large trimming frame (1200 x 650 mm) with material roller and aluminium telescopic fence extendable up to max. 3200 mm
- Stable sawing unit and large dimensioned double cradle trimming unit guarantee highest stability, precision, smooth running and long service life
- Max. saw blade Saw blade Ø 315 mm tiltable from 90° to -45
- Cast iron double cradle saw unit for precise cuts: extremely robust and torsion-resistant, unit close to the saw blade and mounted on both sides, height adjustment via dovetail guide
- Saw parallel fence with fine adjustment
- Large swivelling range of the milling spindle up to -45° to the rear
- Four milling speeds, manually adjustable
- Milling spindle with right-left rotation
- Fixed handwheels with numerical displays
- Solid and precise cast iron machine table, annealed and stress relieved
- Two powerful industrial motors with motor protection switch designed for continuous use
- With lockable main switch and emergency stop switch

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

Significant Features





Media informations





Aluminium sliding table

- Equipped with thousandfold proven ball contact system
- Permanently smooth running
- Insensitive to dust and dirt due to minimal contact point between ball and trapezoidal rail
- 10 years Holzkraft warranty on wear of the guideways



Swivel segment

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



High quality milling fence

- Heavy-duty professional design made of grey cast iron with aluminium stop jaws
- Fine adjustment via toothed rack as standard
- 3-fold positionable for fast return of the setting
- Numerical display of the position



Cast iron saw unit with two-sided swivel segment guide

- 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
- Illustration shows optional scoring device with separate motor (Art. No. 5510405)



Grey cast iron milling unit with two-sided swivel segment guide

- Pivotable up to -45
- Fixing points directly at the table, therefore optimal running smoothness
- Milling spindle mounted high up with precision ball bearing, thus low bearing load and longest possible service life



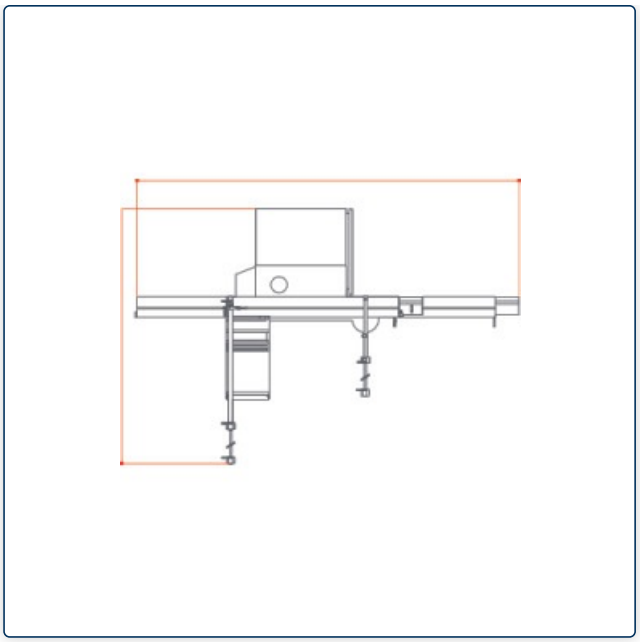
Rip fence

- 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



Angle cutting device

- Trimming frame with degree grid division as standard for even easier angle cutting



Technical data

Dimensions and weights			
Net weight approx.	588 kg		
Extraction port			
Number of suction nozzles	2	Suction nozzle diameter	120 mm
Suction port diameter Saw blade guard	60 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
Sliding carriage and table			
Sliding table width	360 mm	Format sliding carriage height	142 mm
Table length	1250 mm	Table width	430 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	275 mm
Circular saw unit			
Trimming length	2660 mm	Cutting width with rip fence	900 mm
Max. Cutting width to the left of the saw blade	3260 mm	Saw blade tilt	90 – 45 °
Max. cutting height 90°	90 mm	Max. cutting height 45°	63 mm
Max. Saw blade projection 90	100 mm	Max. Saw blade projection 45	71 mm
Diameter (main) saw blade	315 mm	Explanation Diameter (main) saw blade	with scorer
Diameter scoring saw blade	100 mm	Speed (main) saw blade	4000 min^{-1}

Equipment

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	✔
Saw parallel stop	with round rod guide	Trimming shoe	✔
Eccentric clamp	✔	Control of saw blade height, tilting and rip fence	manual
Table extension	✔	Table lengthening	✔
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



Blade guard
PSH

Article number 5510404
Availability In stock, Immediate delivery
Purchase Minimum 1 pc(s).
Price informations



Milling cutter with protective cover
for tools Ø 275 mm

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



Mitre fence
1060 mm, with telescopic guide

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



System stop jaws, adjustable
500 mm

Article number 5851000
Availability In stock, Immediate delivery
Purchase Minimum 1 pair (2 pc(s).)
Price informations



System stop jaws, adjustable
650 mm

Article number 5851650
Availability In stock, Immediate delivery
Purchase Minimum 1 pc(s).
Price informations



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

Options equipment



Digital display of the working width at the rip fence
PA-DIGI-UNI

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

Pre-cutting device with saw blade 100 mm

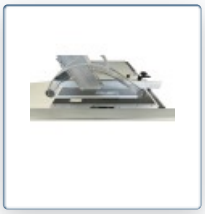
Article number 5510406
Availability In stock, Immediate delivery
Purchase Minimum 1 pc(s).
Price informations

Pre-cutting device with separate motor, saw blade 100 mm

Article number 5510405
Availability No stock available, Information: Next availability Unknown
Purchase Minimum 1 pc(s).
Price informations

Swivel arm for feed unit

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



Preparation for DADO-Set

Article number	Availability	Purchase	Price informations
5514375	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	

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