Universal multiple combination

minimax lab 300p F16 TERSA

Universal with aluminum sliding carriage. High performance in a small space with low investment costs.

Article number
5500314

Brand
Holzkraft



Availability
In stock
Immediate delivery

Catalog directory
Woodworking machinery » Multiple combinations » minimax lab TERSA

Purchase
Minimum 1 pc(s).

Shipping informations

Packaging Metrics		Weights		Delivery		Other	
Length	1,000 mm	Gross	430 kg	Delivery	Carrier	DualUse	✖
Width	1,670 mm	Net	430 kg	Content	1 pc(s).	SCIP	n/a
Height	1,250 mm					SVHC	No

Root data

Country of origin	EAN	Customs Tariff Number	Quantity unit
Italy	4036351001331	84651010	pc(s).

MADE IN ITALY

Description

- For sawing, milling, planing, thicknessing and optional long hole drilling
- Stable steel gray cast iron construction
- Format sliding table 1600 mm made of anodized aluminum for highest cutting precision
- Precise and convenient cuts even on large workpieces thanks to stable support on the 270 mm wide sliding carriage
- Robust, ribbed cast work tables
- Swiveling saw blade from 90° - 45°
- Trimming frame with telescopic aluminum crosscut fence with a flap stop for plates and large workpieces
- Planing aggregate as standard with TERSA quick change system with three planing knives
- Helical steel pick roller for constant workpiece feed during thickness planing
- Three cutting speeds, manually adjustable from 3,600 - 10,000 rpm
- Three independent industrial motors
- With lockable main switch, motor protection switch, emergency stop switch

aluminum sliding table

- Equipped with a ball contact system proven millions of times
- Permanently smooth-running
- Dust and dirt-resistant due to minimal contact point between the ball and the trapezoidal rail.
- 10-year HOLZKRAFT warranty for wear of the guideways

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

Media informations







Sawing unit

Suitable for saw blades with maximum diameter of 315 mm. The optionally available scoring device is conveniently adjustable from the outside of the machine.



Aluminium sliding table

- Equipped with a ball contact system that has been tried and tested thousands of times
- Runs on hardened and ground steel guides
- Is torsion-resistant, extremely precise, smooth-running and problem-free in daily use
  Insensitive to dust and dirt due to minimal contact point between ball and trapezoidal rail
- Ten-year HOLZKRAFT warranty on wear of the hardened guideways (warranty conditions can be requested at www.stuermer-maschinen.de or from Stürmer Maschinen GmbH)



Milling unit with top performance

- 100 mm useful length of the spindle
- Runs on hardened and ground steel guides
- Tool with maximum diameter of 180 mm can be recessed under the work table



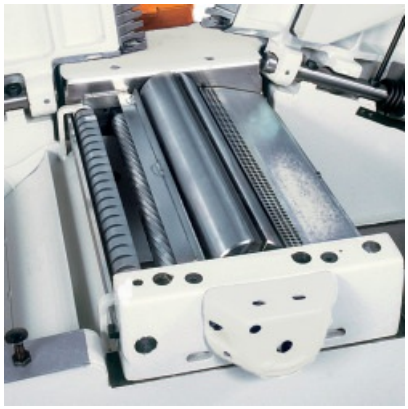
Arc milling protective hood

- For protection during mould milling work
- Included in standard equipment
- For maximum safety and greater flexibility



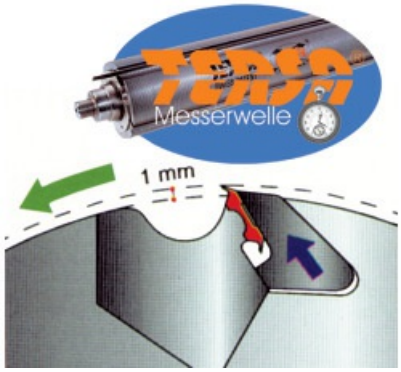
Planer feed drive

- Stable chain drive
- Steel drive wheels
- Solid cast iron bearing pedestal



Planing mills

- Helical toothed steel feed roller for a constant and even material feed
- Massive kick-back guards prevent workpieces from kicking back
- 3-blade shaft ensures an optimal planing pattern



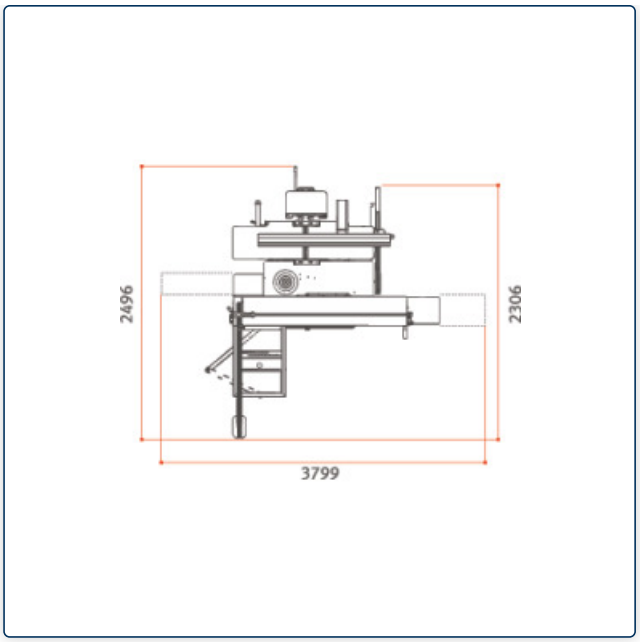
TERSA planer cutterhead

- No more adjusting and screwing
- Change planing knives in seconds
- Self-locking
- Particularly low noise



Professional saw and planer stop

- Enables quick changes during processing
- Continuously adjustable inclination of the planer stop



Technical data

Dimensions and weights			
Net weight approx.	430 kg		
Jointing			
Infeed table width	300 mm	Infeed table length	1300 mm
Angle of inclination saw/joint stop	90/45 °	Max. cutting depth of joints	3 mm
Extraction port			
Saw blade protection extraction port diameter	60 mm	Number of extraction ports	4
Extraction port diameter	120 mm		
Installation information			
Space requirement length	3859 mm	Space requirement width/depth	2793 mm
Space requirement explanation	The dimensions take into account maximum travel distances or useful lengths.	Machine body length	802 mm
Machine body width/length	960 mm	Work area length	1600 mm
Work area width/depth	2300 mm	Explanation about work area	Please add the given dimensions with the required space to obtain the free space recommended for the machine.
Thickness			
Thicknessing table length	450 mm	Thicknessing table width	300 mm
Working height min. thickness	3 mm	Working height max. thickness	220 mm
Max. cutting depth thickness	3 mm		
Electrical Data			
Supply voltage	400 V	Mains frequency	50 Hz
Duty type drive motor	S6	Duty cylce drive motor	40 %
Number of drives	3	Drive motor output	4 kW
Sliding carriage and table			
Sliding table length	1600 mm	Sliding table width	270 mm
Sliding table height	124 mm	Table length	1020 mm

Table width	325 mm	Table height	900 mm
Milling spindle			
Spindle angle	0 °	Mandrel diameter	30 mm
Usable spindle length	100 mm	Spindle speed(s)	3600/7500/10000 min^{-1}
Milling cutter diameter max.			
Max. tool diameter	180 mm	Max. tool diameter, lowerable	120 mm
Max. tool diameter pin milling	275 mm		
Planing knife shaft			
Planing shaft type	TERSA	Planing shaft diameter	72 mm
Number of planing blades	3 St		
Circular saw unit			
Trimming length	1600 mm	Cutting width with rip fence	800 mm
Max. cross-cutting width left of saw blade	1660 mm	Saw blade angle	90 – 45 °
Max. cutting height at 90°	90 mm	Max. cutting height at 45°	63 mm
Max. saw blade protrusion 90°	100 mm	Max. saw blade protrusion 45°	78 mm
Diameter of (main) saw blade	315 mm	Explanation about diameter of (main) saw blade	with scorer
(Main) saw blade speed	3500 min^{-1}		
Feed			
Feed speed	7 m/min		

Equipment

Scoring unit	optionally available	Sliding carriage	made of anodised aluminium
Trimming frame	with angle-adjustable telescopic crosscut fence with two professional folding fences	Eccentric clamp	✔
Strokes	Combination dressing/parallel fence	Curved milling protection hood	✔
Height adjustment and tilting of the saw unit	manual	Height adjustment and swivelling of the milling unit	manual

Accessories



Mitre fence
for lab 300

holzkraft Holzbearbeitungsmaschinen

Article number
5510322

Availability
In stock
Immediate delivery

Purchase
Minimum 1 pc(s).

Price informations



Turning stop jaws
Aluminum 450 mm

holzkraft Holzbearbeitungsmaschinen

Article number
5852000

Availability
No stock available
Information:
Next availability
Unknown

Purchase
Minimum 1 Set (2 pc(s).)

Price informations



Long hole drill set

5-part, left-handed

Article number	Availability	Purchase	Price informations
5333681	In stock Immediate delivery	Minimum 1 pc(s).	



Wescott chuck

0-16 mm for planer shafts Ø 72 mm

Self-centering

Article number	Availability	Purchase	Price informations
5510308	In stock Immediate delivery	Minimum 1 pc(s).	



Lifting and moving device

Article number	Availability	Purchase	Price informations
5510031	In stock Immediate delivery	Minimum 1 pc(s).	



Slot mortising equipment

LLBE lab 300p

In cast version

Article number	Availability	Purchase	Price informations
5510307	In stock Immediate delivery	Minimum 1 pc(s).	



System stop jaws, adjustable

500 mm

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



System stop jaws, adjustable

650 mm

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



Reversible planer knife

Tersa 300 x 10 x 2.3 mm chrome (3 pieces)

Quality at reasonable prices

Article number	Availability	Purchase	Price informations
5270300	In stock Immediate delivery	Minimum 1 Set (3 pc(s).)	



Reversible planer knife

Tersa 300 x 10 x 2.3 mm M+ HSS (3 pieces)

Quality at reasonable prices

Article number	Availability	Purchase	Price informations
5271301	In stock Immediate delivery	Minimum 1 Set (3 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



Pre-cutting device with saw blade 80 mm

Article number	Availability	Purchase	Price informations
5510311	In stock Immediate delivery	Minimum 1 pc(s).	



Milling cutter with protective cover

for lab 300p

Article number	Availability	Purchase	Price informations
5510216	In stock Immediate delivery	Minimum 1 pc(s).	



Quick-change spindle

Article number	Availability	Purchase	Price informations
5514370	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Saw fence extension and infinitely variable dressing fence

Article number	Availability	Purchase	Price informations
5510324	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	

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