Circular saw

L'invincibile si 3 BLADE OFF

The new BLADE OFF safety system - working on a circular saw has never been so safe!

Article number
5530020

Brand
Holzkraft



Availability
No stock available
Information:
Next availability
Unknown

Catalog directory
Woodworking machinery » Circular saw / Sliding table saws » Sliding table saws » L'invincibile si 3 BLADE OFF

Purchase
Minimum 1 pc(s).

Shipping informations

Packaging Metrics		Weights		Delivery		Other	
Length	3,800 mm	Gross	1,312 kg	Delivery	Carrier	DualUse	✖
Width	1,350 mm	Net	1,307 kg	Content	1 pc(s).	SCIP	n/a
Height	1,950 mm					SVHC	No

Root data

Country of origin	EAN	Customs Tariff Number	Quantity unit
Italy	4036351349099	84659120	pc(s).

Video

www.youtube.com/watch?v=ADYjkOpvGxA

MADE IN ITALY

Description

- The BLADE OFF system recognizes potentially dangerous situations in advance and prevents them by making the saw blade disappear into the machine table in a fraction of a second
- With the help of sensors, the system is able to distinguish between the workpiece and the operator
- An LED light in the saw blade guard indicates with a green light whether the safety system is active
- Control via 15" eye-S control panel
- Connection with SCM Thundercut (optimizer/process control app) possible
- Three rip fences with integrated digital displays
- Electrically adjustable rip fence
- Start/stop buttons for main and scoring saw blade integrated in the sliding carriage
- Special guides and an innovative curved cut enable a fourfold increase in the load capacity of the edging carriage
- Ball-bearing telescopic arm ensures greater stability and smoother guidance of the workpiece

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

Significant Features



Holzkraft guarantee
for wear of the guideways

Media informations





Control console

- Control via 15" eye-S control console with Maestro active user interface
- Connection between machines that belong to the same pool possible and ready for Industry 4.0
- Connection with "SCM Thundercut" possible
- Control console with tablet holder (tablet not included)



BLADE OFF system

- Barrier with intelligent sensors that detect the human body
- Suitable for processing wood and plastic (aluminum possible with deactivated "Blade Off" function)



Aluminum sliding carriage

- Arc-shaped contact surfaces ensure freedom of play and four times higher load capacities
- Ball contact system for maximum cutting quality and guidance accuracy
- The special position of the guides ensures protection from dust and optimal ease of movement
- 10 year Holzkraft guarantee on wear of the guideways



Cast iron saw unit

- Solid, vibration-free with smoother running
- Height adjustable and inclined up to +/-46°
- Two-axis scoring unit with automatic positioning when the sawing process starts and stops
- Self-tensioning of the drive belt (SCM patent)



Programmable rip fence

- Highest precision thanks to electrical adjustment via ball screw



CompeX miter gauge

- For quick and precise execution of miter cuts with automatic compensation of the stop position



Telescopic arm for the trimming frame

- Made of large-area extruded part with revolving ball linear guide
- Even and smooth guidance of the workpiece during processing
- No play, dust-protected, maintenance-free

Technical data

Dimensions and weights			
Length (product) approx.	7250 mm	Width/depth (product) approx.	4460 mm
Height (product) approx.	1770 mm	Net weight approx.	1307 kg
Extraction port			
Extraction port diameter bottom	120 mm	Saw blade protection extraction port diameter	100 mm
Installation information			
Space requirement length	7250 mm	Space requiremen width/depth	4460 mm
Space requirement height	1766 mm	Explanation about space requirement	The dimensions take into account maximum travel distances or usable lengths
Work area length	2850 front / rear mm	Work area width/depth	1400 left / 500 right mm
Explanation about work area	Please add the given dimensions with the required space to obtain the free space recommended for the machine.		
Electrical Data			
Supply voltage	400 V	Mains frequency	50 Hz
Scoring blade motor output	1.3 kW	Output power (motor power)	9.0 kW
Duty type drive motor	S6	Duty cycle drive motor	40 %
Sliding carriage and table			
Sliding carriage length	3200 mm	Sliding carriage width	360 mm
Table length	1040 mm	Table width	630 mm
Circular saw unit			
Max. cutting width with rip fence	1500 mm		

		Max. cross cut width left from saw blade	3200 mm
Trimming length	3200 mm	Saw blade angle	90 45 °
Max. cutting height 90°	120 mm	Max. cutting height 45°	89 mm
Explanation to: Max. cutting height	with 400mm saw blade	Max. saw blade diameter	400 mm
Min. saw blade diameter	300 mm	(Main) saw blade speed	3000 – 5000 min^{-1}
Pre-scoring unit			
Diameter scoring saw blade	120 mm	Scoring saw blade speed	8500 min^{-1}

Equipment

Scoring saw unit	Two-axis scoring unit with automatic positioning	Anodised aluminium sliding sizing carriage	✔
On/off switch on sliding carriage	for motors of the main and scoring saw blade	Claming frame	with angle-adjustable aluminum telescopic fence
Material roll on claming frame	✔	Saw rip fence	motorized, via control panel
Stops	Three professional folding stops	Eccentric clamp	✔
Control of saw blade height, tilting and rip fence	✔	Swivable top control panel	✔
Table broadening	✔	Table lengthening	✔
Saw blade pendulum protection	✔		

Accessories



Cutting flat tooth circular saw blade
KSB-ZF 400/18

Highest quality level especially for industrial applications on stationary machines

Article number 5264018

Availability In stock Immediate delivery

Purchase Minimum 1 pc(s).

Price informations



Cut-to-size alternating teeth circular saw blade
KSB-WZ 400/36

Article number 5264036

Availability In stock Immediate delivery

Purchase Minimum 1 pc(s).

Price informations



Edging and production cut circular saw blade
KSB-BF 400/60

Edging and production cutting circular saw blade with highest quality level especially for industrial applications on stationary machines

Article number 5264060

Availability In stock Immediate delivery

Purchase Minimum 1 pc(s).

Price informations



Edging and production cut circular saw blade
KSB-BF 400/96

Edging and production cutting circular saw blade with highest quality level especially for industrial applications on stationary machines

Article number	Availability	Purchase	Price informations
5264096	No stock available Information: Next availability Expected on calendar week 47/2026	Minimum 1 pc(s).	



Scoring saw blade
VSB 120/20

Article number	Availability	Purchase	Price informations
5514006	In stock Immediate delivery	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).	

Options equipment

Reinforced table extensions

Article number	Availability	Purchase	Price informations
5540012	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	

Version with trimming carriage 3800 mm

Article number	Availability	Purchase	Price informations
5540013	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Cutting width with rip fence
900 mm

Article number	Availability	Purchase	Price informations
5540014	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Cutting width with rip fence
1170 mm

Article number	Availability	Purchase	Price informations
5540015	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Barcode reader

Article number	Availability	Purchase	Price informations
5540017	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



SAV€NERGY

Article number	Availability	Purchase	Price informations
5540101	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	

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