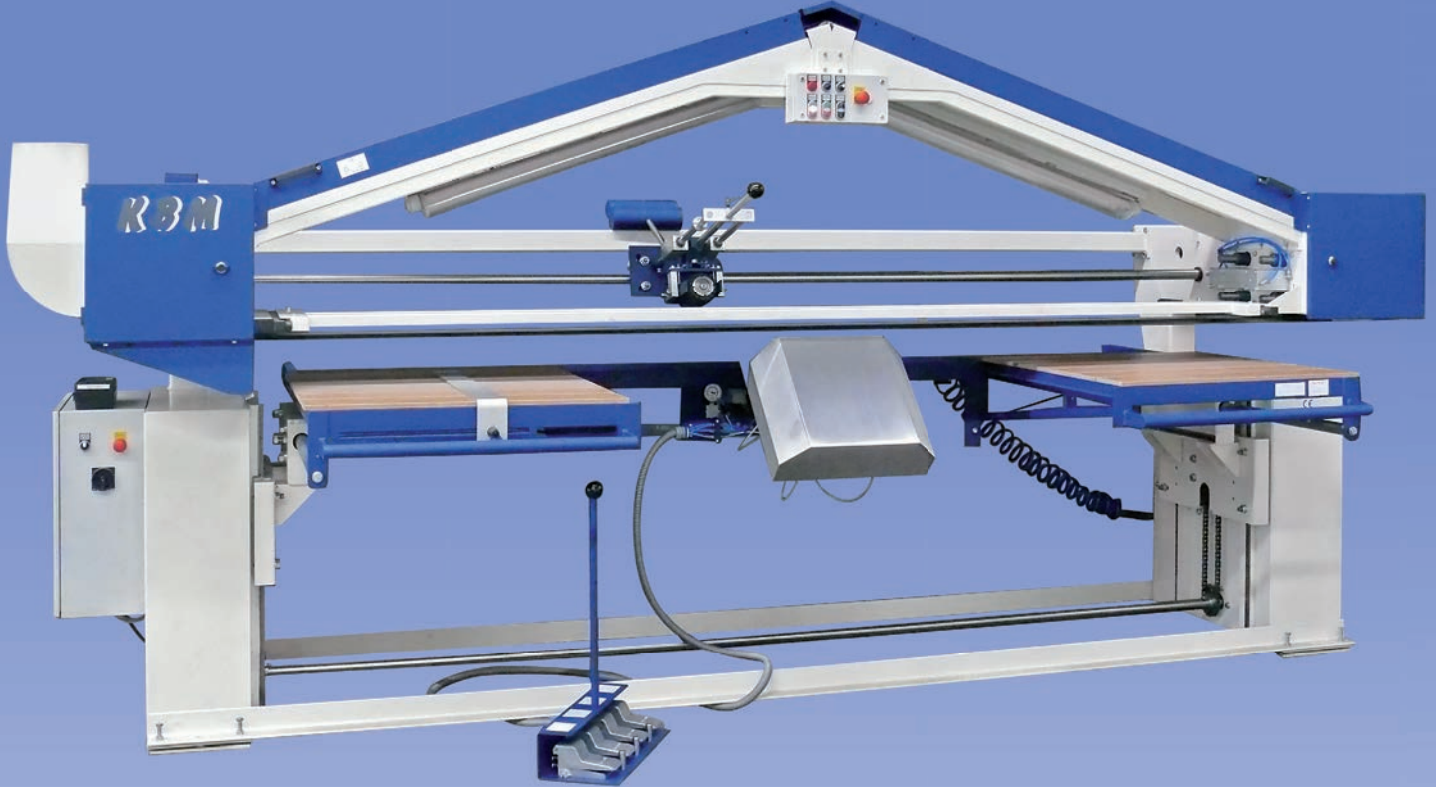
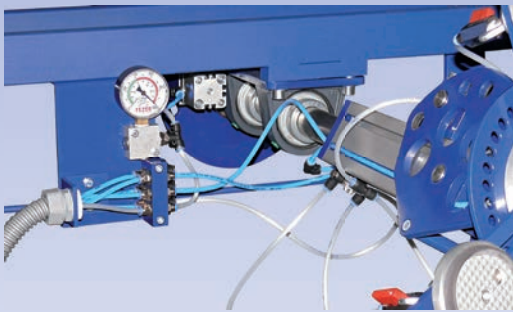


Long Belt Grinding Machine M2S 92 with 3-axis table by means of integrated handling mechanism for rotating and pivoting workpieces

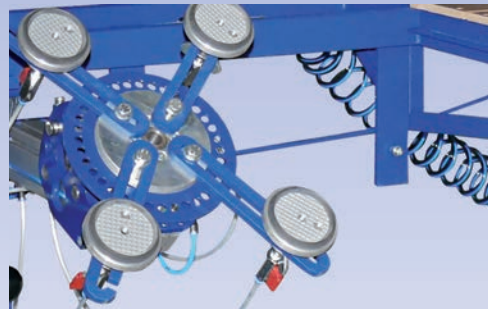


Non-standard equipment:

The handling mechanism is located in the middle of the table under the insertion frame on the rear table frame. Remove the insertion frame from the machine table to work with the handling mechanism. The handling mechanism is equipped with four vacuum suction cups to hold the workpieces and consists of: bearing with rotating shaft, brake disc and disc brake, pivot mechanism (fitted at the front of the rotating shaft) and locking disc (mounted on the pivot mechanism). The pivot mechanism can be locked at 0°, 22.5°, 45°, 67.5° and 90°. The workpieces are finely adjusted in relation to the grinding belt by means of the rotating shaft and the locking disc. The rotating and pivoting shafts are unlocked pneumatically by a foot switch and the rotating shafts are moved manually. Workpiece weight when using as a flat table with insertion frame attached = 80 daN. Workpiece weight when using the handling mechanism relative to the clamping plate = 25 daN and/or 120 Nm relative to the centre of the rotating shaft.



The workpiece is positioned relative to the grinding belt via three shafts, which are pneumatically locked by the locking disc (infinitely) and/or via grid holes.



The workpieces are held in place by vacuum suction cups. The handling mechanism is activated by a foot switch.

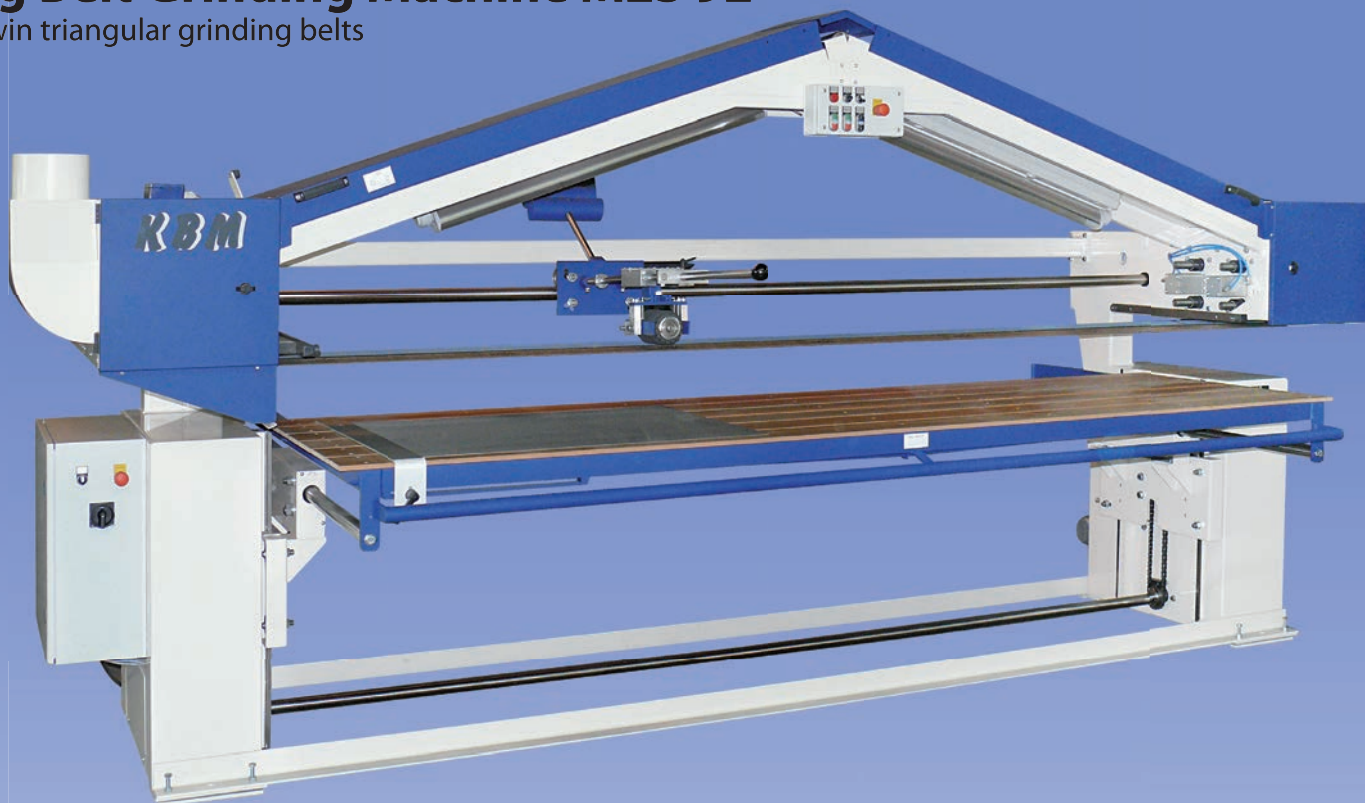
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Long Belt Grinding Machine M2S 92

with twin triangular grinding belts



Long Belt Grinding Machine M2S 92, basic configuration, with a flat machine table and twin offset. Ideal for panels, profiles and small housings. Supplied as standard with variable belt speed, belt width either 100 or 150 mm.

Technical Data:

Width	mm	2650
Height	mm	2200
Length	mm	4610
Weight	daN	1200
Grinding belt width	mm	100 - 150
Grinding belt length (standard)	mm	9000
Number of grinding belts		2
Usable grinding length	mm	2500
Usable working width	mm	950
Table height adjustment	mm	500
Maximum perm. workpiece weight:		
Flat table (basic configuration)	daN	100
Triple-axis table (non-standard)	daN	80
Frame offset L + R = H x D	mm	200 x 650
Belt drive	kW	5.5
Belt speed, adjustable	m/sec	7-25
Operating voltage	V/Hz	400 / 50
Operating pressure	bar	6
Suction nozzle	mm	200
Min. airspeed	m/sec	25
Min. suction airvolume	m ³ /h	3400



Main operating functions arranged in the middle of the machine.

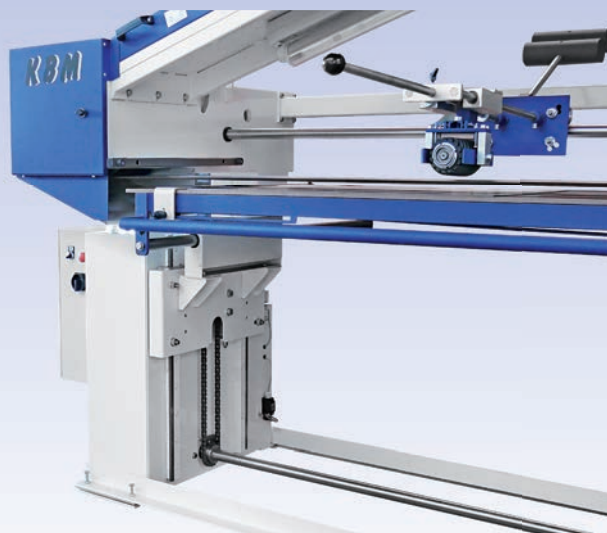


Table height adjustment by means of flat guide on both sides via chain and gear motor.