MULLER MACHINES SA
top second hand and new precision machine tools

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SAM 020348 **ELB Type SMART BD10 STC**

Group	CNC Surface / profil grinder
Manufacturer	ELB
Type	SMART BD10 STC
Controller CNC	ELB STC touch screen
Year	2009
Youtube video	https://youtu.be/Pr2Nh1op36I

Table length	1360 mm
Table width	590 mm
Axial motion:	
Longitudinal travel (X-axis)	1100 mm
Cross travel (z-axis)	670 mm
vertical travel (Y-axis)	400 mm
Table load max.	1000 kg
Grinding length	1000 mm
Grinding width	600 mm
Grinding height over table	640 mm
Grinding wheel:	
Diameter	400 mm
Width	100 mm
Bore	127 mm
Grinding wheel speeds:	1450
Table speeds:	
stepless	
from	2 m/min
up to	30 m/min
Automatic cross feed:	
from	mm/min
up to	2000 mm/min
Automatic vertical feed:	
from	mm/min
up to	1500 mm/min
Vertical rapid traverse	1 m/min
Noise level	75 dB (A)
Voltage 50 Hz 3x	400 Volt
Grinding spindle motor	10 kW
Total power required	30 kW
Machine's weight about	6900 kg
Overall dimensions machine:	
Length	3550 mm
Width	2410 mm
Height	2660 mm

Various accessories:
Coolant system
Paper filtration system
Oil mist extractor

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Magnetic plate:	
Length	800 mm
Width	600 mm
Redressing device	
Profile roll dressing device	
Set of grinding wheels	
Set of flanges	
Handwheel electroinic	

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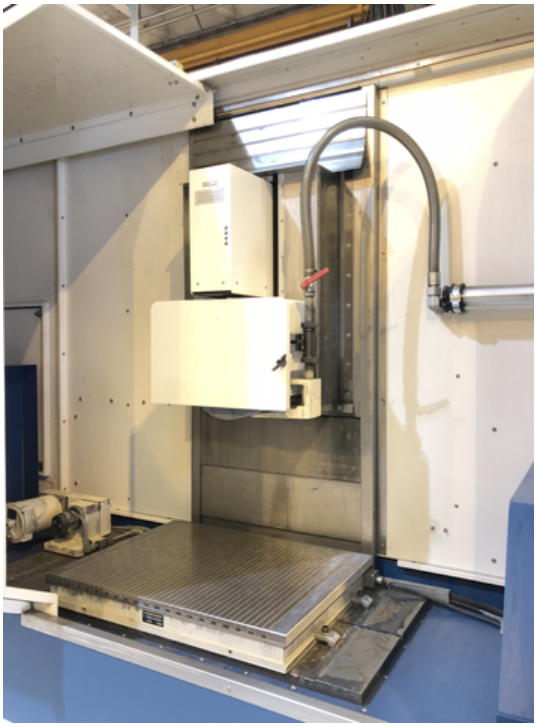

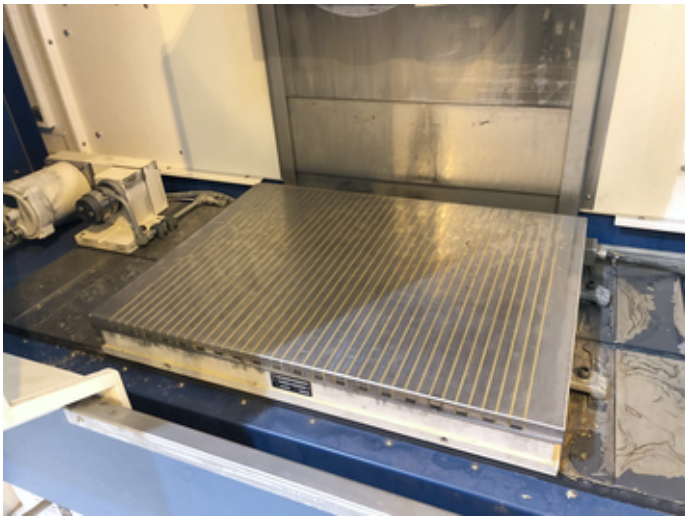

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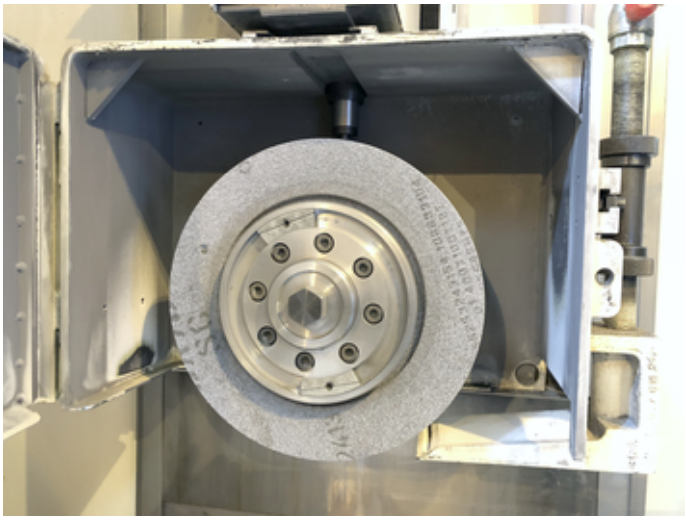

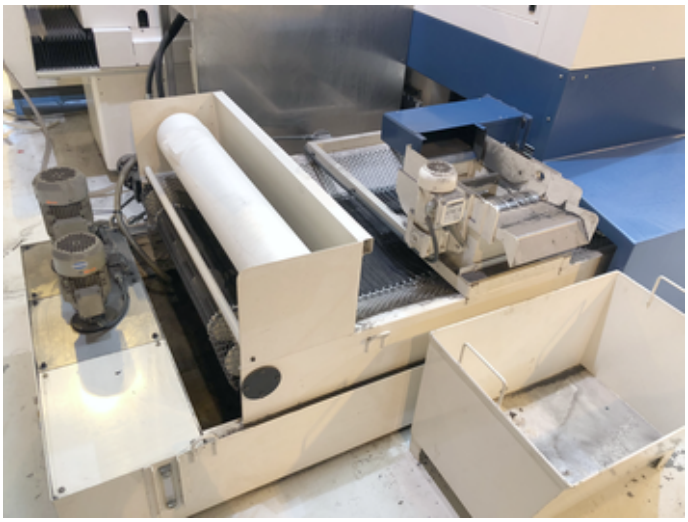

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