

Machine - Datasheet

Machinetype:	Guideway grinding machine
Make:	KOLB
Type:	CUBIMAT Vd 3000
Retrofit:	2020
Control:	SIEMENS 840 D
Origin:	Germany
Term of delivery:	On request
Quotation:	Ex works



Technical description	Value
<u>Travel distances</u>	
x-distance	6500/13150 mm
y-distance	4000 mm
z-distance	1250 mm
w-axis	2250 mm
Table surface	5500/12150 x 3000 mm
max. workpiece weight	70,000/105,000 kg
Ram dimensions	480 x 510 mm
Milling spindle motor	63 kW
Torque at the spindle	3300 Nm
Milling spindle speed range	6.3 - 4000 rpm
Tool holder	DIN 39871 AD ISO 50
Feed speed	1 - 24000 mm/min
w-axis	1 - 6000 mm/min.
Clearance between the columns	3500 mm
Clearance height	3000 mm
Total power requirement	120 kW
Machine weight approx.	245 t
Space requirement approx.	29.0 x 7.7 x 8.1 m

Accessories/additions

-automatic tool magazine for	153 tool positions
-automatic milling head magazine for 6 milling heads	
-machining module -standard angle -	4000 rpm, 144 x 2.5°, ISO 50
-machining module -narrow extended angle -	40 kW, 4000 rpm, 1800 Nm, 144 x 2.5°, ISO 50
-machining module -universal index -	40 kW, 4000 rpm, 2100 Nm,
-C-axis 144 x 2.5° , B-axis +/- 44 x 2.5° ,	