

Dimensions and weight:

table clamping surface	mm 400x1000/1500
max. length of grinding	mm 1000/1500
max. distance of spindle axis from table clamping area	mm 675
Max. height of grinding with a new grinding wheel (without magnet. plate)	mm 500
grinding wheel f x width x bore	mm 350 x 40 - 80 x 127
min. diameter of worn grinding wheel	mm 260
max. width of composite grinding wheels	mm 200
wheel spindle taper	1 : 5
machine installation area (length x width.)	mm 4650/5650 x 2300
machine height	mm 2000
machine weight with normal accessories	kg 3800/4400
max. load of working table	N 5000 (including clamp)
Noise on the operator's place	dB 75

Functional properties

Infinitely variable speed of table longitudinal feed	m.min ⁻¹ 1-30 ± 1
Max. hand-operated table longitudinal feed	mm 1200/1700
Max. length of automatic table feed	mm 1502/1650

Cross feed of the wheelhead

Infinitely variable speed of table cross feed	m.min ⁻¹ 0,2 - 3
Hydraulic intermittent feed	mm 1 - 30
Manual feed 1 division = 0,05	mm/revol. 10
Manual microfeed 1 division = 0,005	mm/revol. 0,5
Max. cross feed of grinding spindle	
Manual	mm 470
By engine	mm 460

Vertical feed of the wheelhead

Vertical quick feed	mm.min ⁻¹	0,5
Automatic infeed	mm.	0,0025-0,05
Manual fine infeed (1 division)	mm	0,002
Vertical feed per 1 wheel revolution	mm/revol.	0,25
Total, vertical feed of the wheelhead	mm	580
Speed of the grinding spindle 50Hz/60Hz	r.p.m. ⁻¹	1850/1830

Outputs of electric motors

Motor of the grinding spindle	MA 4	kW 7,5
Hydraulic motor I.	MA 1	kW 0,75
Hydraulic motor II.	MA 3	kW 2,2
Motor of vertical quick feed	MA 5	kW 1,1
Suction device motor power output	MA 9	kW 0,55
Motor of hydraulic oil cooling	MA 14	kW 0,18
Motor of working stroke of the spindle	MA 6	kW 0,12
Motor of the magnetic filter	MA 8	kW 0,18
Motor of the coolant pump	MA 7	kW 0,12
Motor of the vertical tilting wheelhead	MA 13	kW 2,2
Motor of the pulley - dressing		kW 0,18
Motor of the pulley - calibrating	MA 16	kW 0,18
Overall output of the machine	MA 17	kVA 15,7