



Conventional grinding machine SPG 400x800

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Opis

Standard equipment:

- Grinding wheel with a holder
- Puller for removing grinding wheel holder
- Arbor for static balancing of grinding wheel
- Scraper for cleaning the table
- Device for dressing a grinding wheel, mounted on the table (without diamond)
- Lamp
- Levelling blocks
- Operation and Maintenance Manual



Special equipment:

- Hydraulic device for dressing a grinding wheel, mounted on a headstock
- Device for radial dressing grinding wheel
- Device for angular dressing grinding wheel
- Device for static balancing
- Electromagnetic table
- Demagnetizer ZZR
- Sensing device for the measurement of headstock of grinding wheel infeed accuracy
- Sensing device for the measurement of workpiece orientation infeed accuracy
- Coolant tank with magnetic filter
- Coolant tank with magnetic-paper filter
- Angle machine vice
- Machine vice with a base
- Dust extractor
- Straight edge in the transverse axis and in the infeed axis

Specyfikacja

	Description	Unit	Dimension
1	Working surface of the table	mm	400x800
2	Max. grinding width (with grinding wheel shift)	mm	400
3	Max. grinding width (without grinding wheel shift)	mm	480
4	Max. grinding length	mm	800
5	Grooves for mounting on the table	1	mm
			14H7
6	Max. distance between spindle axis and surface of the table for manual traverse of headstock	mm	600
7	Min. distance between spindle axis and surface of the table	mm	200
8	Max. height of workpiece for new grinding wheel $\varnothing 400\text{mm}$ and used grinding wheel $\varnothing 250\text{mm}$.	mm/ mm	450 used 350 new
9	Max. weight of workpiece	N	3000

10	Range of steplessly adjustable table speeds		m/min	2-20
11	Max. column cross traverse		mm	450
12	Range of steplessly adjustable column traverse rates for continuous motion		m/min	0.1 - 2
13	Range of steplessly adjustable column traverse rates per every table stroke		mm	0.001 - 30
14	Grinding wheel infeed per 1 unit of hand-operated controller/electronic wheel	Accurate	mm	0.001
		Rough	mm	0.100
15	Min. automatic grinding wheel infeed		mm	0.001
16	Max. automatic grinding wheel infeed		mm	0.060
17	Headstock rate (rapid grinding wheel traverse up-down)		m/min	1,5
18	Revolutions of grinding wheel spindle		r.p.m	1500
19	Diameter of new grinding wheel		mm	400
20	Diameter of used grinding wheel		mm	250
21	Hole for mounting a grinding wheel		mm	127
22	Diameter of grinding wheel (nominal / maximal)		mm	50/75
23	Overall dimensions of grinding machine	Length	mm	2400
		Width	mm	3500
		Height	mm	2500
24	Weight		kN	38