



AQUASTYL®
SLOVAKIA, s.r.o.



HORIZONTAL SURFACE GRINDER **BRH 250AQ**



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Basic dimensions of grinder BRH 250 AQ

Dimensions and weight		
Parameter	Unit	Value
Work area of the electromagnetic clamp	mm	250x600
Maximum grinding width including disc overflow range	mm	250
Maximum grinding length	mm	630
Max. spacing between spindle axis and workbench clamping surface	mm	525
Grinding disc dimensions (Ø x width x Ø of clamping hole)	mm	250x20÷50x76
Minimum grinding disc diameter	mm	120
Max. width of assembled grinding discs	mm	100
Grinding spindle diameter	mm	50
Grinding spindle clamping cone	1:5	1:5
Max. machine floor space (length x width)	m	2,7 x 1,6
Machine height	mm	2300
Machine weight	kg	1860

Operating characteristics		
Parameter	Unit	Value
Workbench feed with continuous adjustment options	m.min ⁻¹	1-30
Maximum workbench feed path	mm	710
Automatic continuous traverse feed	m.min ⁻¹	0,1-2,0
Automatic intermittent traverse feed	mm	0,5-10
Traverse fast feed	m.min ⁻¹	2
Traverse feed - controlled by the dial on the control panel, adjustable in increments of 0,1 mm, 0,01 mm and 0,001 mm	mm.min ⁻¹	5
Max. traverse feed path	mm	286,5
Automatic vertical in-feed	mm	0,002-0,03
Vertical fast feed	m.min ⁻¹	0,6
Vertical feed - controlled by the dial on the control panel, adjustable in increments of 0,1 mm, 0,01 mm and 0,001 mm	mm.min ⁻¹	0,25
Max. vertical feed path	mm	460
Grinding spindle speed	min ⁻¹	2400 ÷ 4000
Grinding speed motor output	kW	2,2
Maximum input power	kVA	6,0
Max. workbench load including clamp	N	2000
Noise level at the operator's station - permitted	dB	75

