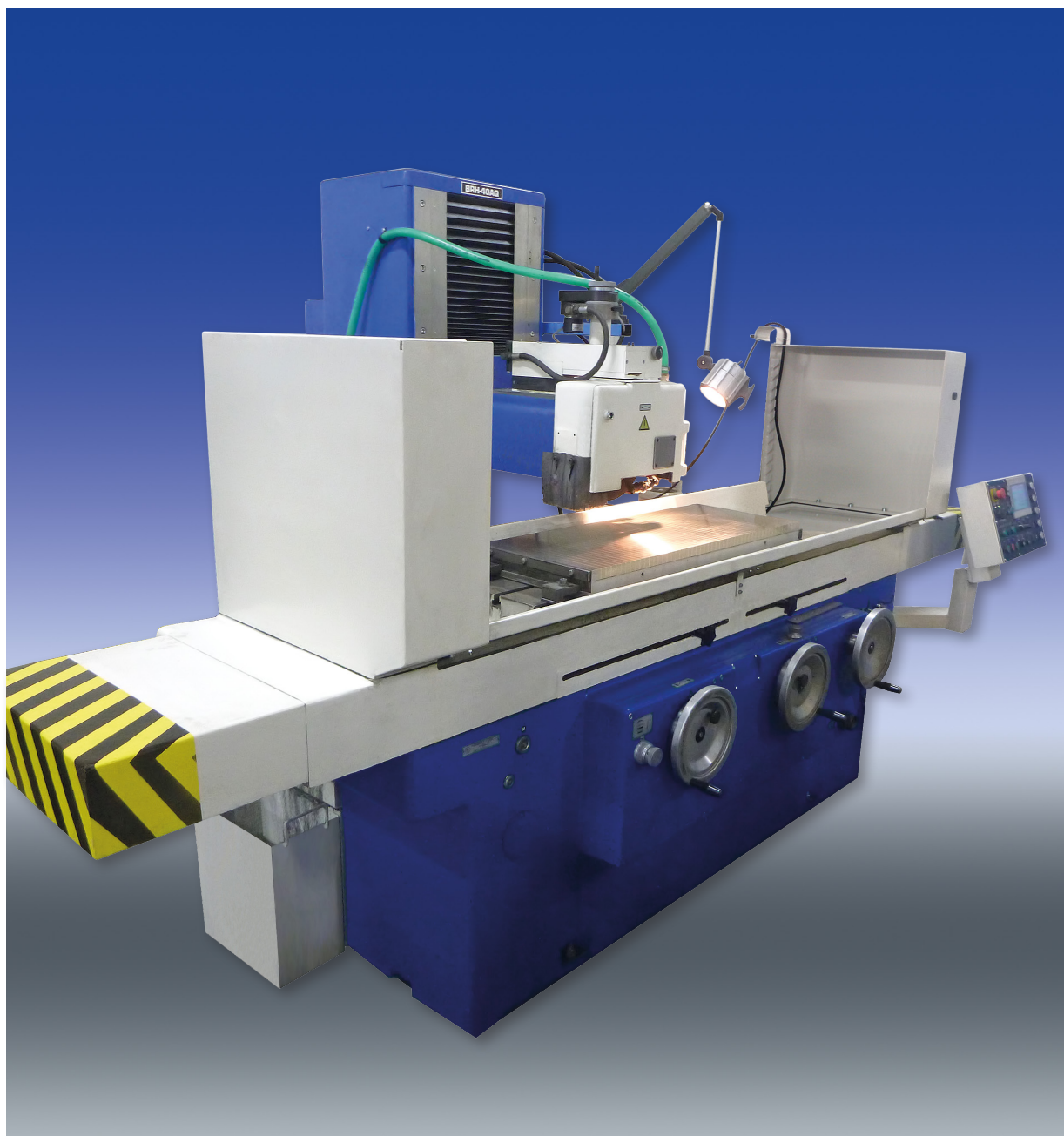




AQUASTYL®
SLOVAKIA, s.r.o.

HORIZONTAL SURFACE GRINDER
BRH 40AQ



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BASIC TECHNICAL DATA

Dimensions and weight		
	Unit	Value
Workbench working area	mm	400 x 1000
Maximum grinding length	mm	1000
Max. spacing between spindle axis and workbench working area	mm	660
Grinding disc dimensions (diameter x width x clamping hole)	mm	350 x 40-80 x 127
Grinding spindle clamping cone		Morse 1:5
Maximum machine floor space (length x width)	mm	4650 x 2300
Machine height	mm	2000
Machine weight	kg	3800
Maximum load of working table (including the fixture)	kg	500

Operating characteristics		
Workbench feed with continuous adjustment options	m/min	1-30
Maximum path of longitudinal workbench feed	mm	1200
Automatic continuous traverse feed	m.min. ⁻¹	0,2-3
Hydraulic intermittent traverse feed	mm	1-30
Traverse fast feed	m.min. ⁻¹	3
Manual traverse feed (1 increment=0,05)	mm.ot ⁻¹	5
Manual vertical in-feed (1 increment=0,005)	mm.ot ⁻¹	0,5
Maximum vertical feed path	mm	485
Vertical fast feed	m.min. ⁻¹	0,5
Automatic vertical in-feed	mm	0,0025 - 0,05
Manual vertical in-feed (1 increment)	mm	0,002
Size of vertical feed path for one turn	mm.ot ⁻¹	0,25
Grinding spindle speed	ot./min.	1850
Total power of motor of grinding spindle	kW	7,5
Total input power	kVA	15,0
Machine noise at the operator's station	dB	75

