

# ELB-ROTARY



The ELB-Rotary line features our well established and very successful program of surface grinders with rotary tables. These machines are especially suited for grinding faces and/or steps on round workpieces and are also more economical than conventional surface grinders when grinding mass production parts no matter what their shape is. The reason for this is the fact that a continuous rotating movement allows for higher table speed and does not waste any time and energy for deceleration, reversal and acceleration as it is the case with longitudinal table machines.

The worktable, which is driven by a toothed belt, is supported by a manually scraped

flat way and uses playfree preloaded ball bearings in the centre. For worktable diameters of 1000 mm (40") and beyond the drive system uses a preloaded worm gear.

The worktable can be equipped with a variety of workpiece holding devices like e.g. magnetic chucks or custom-made clamping fixtures. The basic line of ELB-rotary grinders offers machines up to a table diameter of 1500 mm (60"). Up to the Rotary 80 the base is made of MICRO-GRANIT. Larger models have a Meehanite cast iron base. All machines can be equipped with an ELB PLC or CNC control.

ELB-Rotary		60		80		100		120		150	
Rotary table diameter	mm/inch	600	23.6	800	31.5	1000	39.4	1200	47.2	1500	59
Grinding height	mm/inch	400 (600)/15.7 (23.6)				500 (700, 900)/19.7 (27.5, 35.4)					
Grinding spindle drive	kW/HP	10/13.6				22/30					
Spindle nose diameter	mm/inch	60/2.4				90/3.5					
Grinding wheel dimensions (D x W x B)	mm/inch	400 x 100 x 127/16 x 4 x 5				600 x 100 x 304.8/24 x 4 x 12					