



# Surface and Rotary Grinding



rotary H

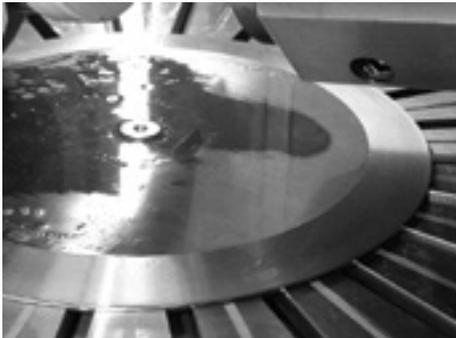
## Experience the rotary H

This model is well suited for efficient, economical processing of circular work pieces via surface and step grinding operations. There is no lost time through deceleration, acceleration and reversal as with conventional reciprocation grinding. The grinding wheel remains in contact with the work piece throughout the grinding process. Single work pieces can be located centrally on the table while multiple work pieces can be located concentrically to optimize table space utilization. A tilting table option allows grinding of chamfers or blade edges (i.e. circular blades), where the table of the H6/8 models can be tilted +/- 5 degrees.

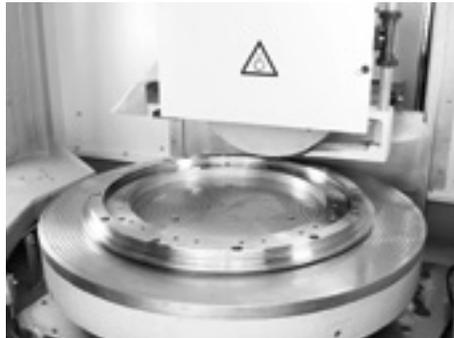
The high-precision rotary table of the rotary H 6/8 models is belt driven while the H 10/12 models are equipped with a hydrostatic bearing and torque motor drive.

This machine is offered with the xpressCube SPS controls package. A software option is available for step grinding operations.





Grinding of circular cutting blades. Swiveling of the table allows grinding of the edge.



Grinding of rings. The rotary table grinding concept results in highest flatness and parallelism.

## Design Characteristics

### rotary H 6/8

- Microgranit machine base
- Rotary table with scraped guides
- Table can be swiveled for chamfer grinding (option)
- Compact design

### rotary H 10/12

- Gusseted welded machine base
- Rotary table with hydrostatic bearing and torque motor
- High-powered spindle drive
- Over-sized grinding spindle and wheel for increased material removal capacity



Economical grinding of a table load of small work pieces. In contrast to reciprocating machines the grinding wheel stays in contact with the work pieces. Time savings of up to 25% can be achieved.

## Benefit Overview

- Compact and robust machine design
- High productivity through continuous contact between wheel and work piece
- High long-term precision
- Precision rotary table
- Easy to operate



Head-mounted straight-line dressing unit. Best method to dress wheel circumference. No interfering contours no matter how high the work piece.

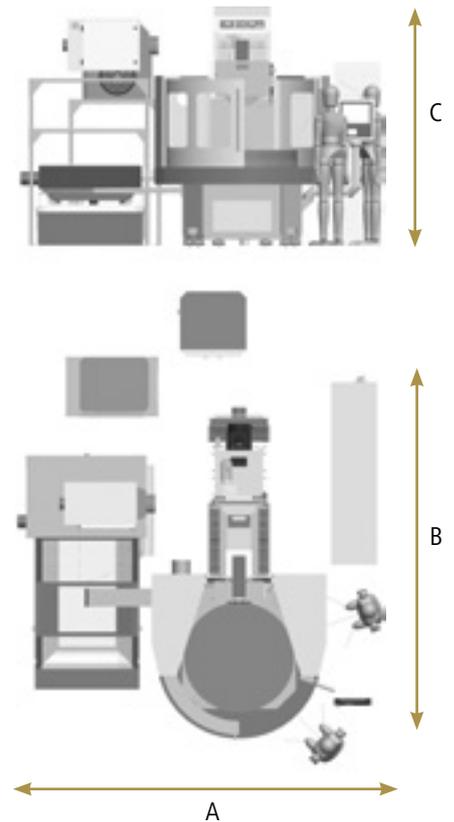
## rotary H | Technical Data

rotary H	6	8	10	12
Grinding Diameter (mm)	600	800	1,000	1,200
Distance Magnetic Chuck to Spindle Center (mm)	600	600	700	700
Spindle Power (kW)	10/15		22	
Spindle Cone (mm)	60		75	
Grinding Wheel (mm)	400 x 100 x 127		500 x 100 x 203.2	
Table Swivel Angle (Degree)	+/- 10	+/- 5	-	-

### Dimensions / Weight

Length A (mm)	3,000	5,250
Width B (mm)	3,200	4,050
Height C (mm)	2,350	2,520
Weight (kg)	6,000	12,000

All values are approximated and may change depending on selected options.  
All information is subject to change.



### Contact

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# Grinding Applications for a Global Market