

BARINDER

500 SERIES

FEATURES

- | Automatic grinding-deburring machine for medium to large size castings
- | Suitable for grinding inside and outside of complex castings
- | Quick change out of fixtures, programs & tools (less than 5 minutes)
- | Simple & easy programming and operation for maximum uptime
- | 2-Position servo pallet changer
- | Rotating main diamond wheel with pivoting small diamond pencil tool
- | Long lasting diamond tools save operation costs and dust generation
- | High speed and efficient processing enables productivity and a high finishing quality
- | **OPTIONS:** Pencil tools available in various configurations, auto loading and unloading, air cooler

N7i-FDH22R-58HFGR-C



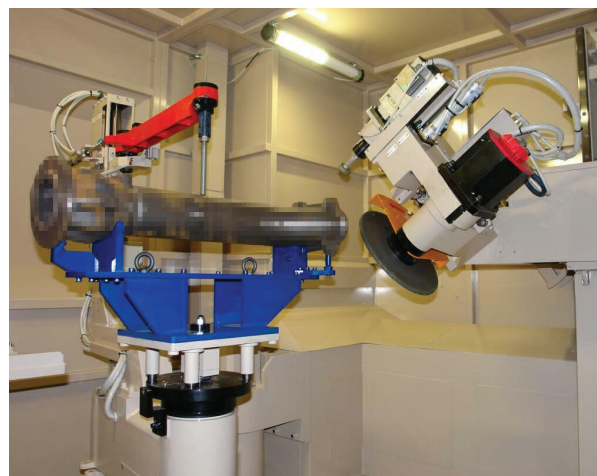
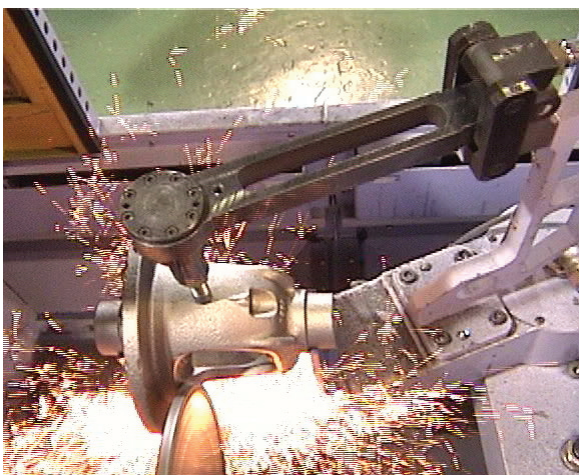
Casting types:
Ductile or Gray Iron,
Brass & Bronze

AUTOMATIC GRINDING SYSTEM

EASY OPERATION
& PROGRAMMING

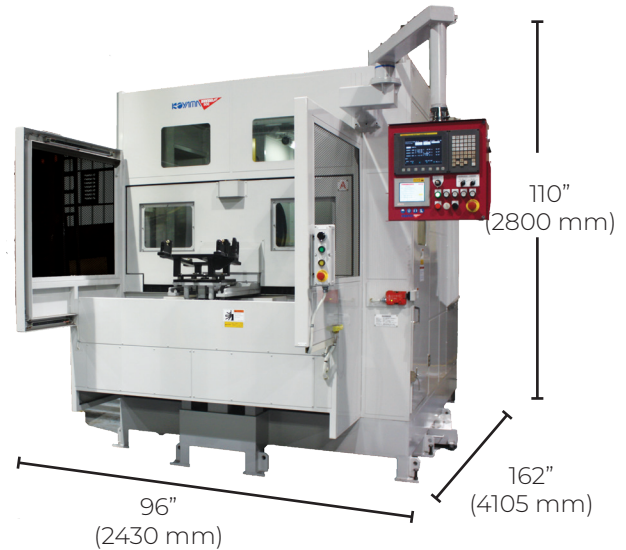
ANGLED
GRINDING

HIGH SPEED
PRECISION

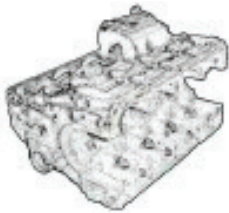


SPECIFICATIONS

Model	N7i-FDH22R-58HFGR-C
Work Envelope	31.5" dia. X 21.5" H (800 mm dia. x 550 mm H)
Max Total Weight (Part + Fixture + Pallet)	330 lbs. (150 kg)
Standard Main Tool (other options available)	Diamond wheel, 14" dia. X 0.47" thick (355 mm dia x 12 mm thick)
Main Tool Drive Spindle	6 Hp (4.5 kW) Max Servo Motor
Auxillary Grinding Spindle	2.95 Hp (2.2 kW) High Speed Inverter Drive
Grinding Wheel Tilt Motion	130 degrees
Work Load/Unload	2-position pallet changer
Number of Axes	7
Weight	11,200 lbs. (5100 kg)



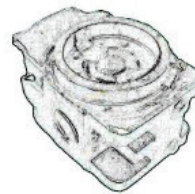
WORK EXAMPLES



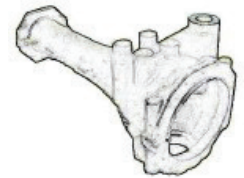
Cylinder Block
240 seconds/piece



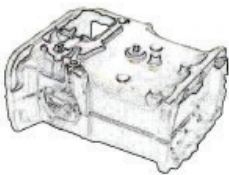
Cylinder Head
60 seconds/piece



Valve
70 seconds/piece



Axle Case
120 seconds/piece



Crankcase
180 seconds/piece



Casing
80 seconds/piece



Gear Case
120 seconds/piece



Differential Carrier
120 seconds/piece

