

BARINDER

400 SERIES

X7i-FDH22R-45H5GR-C



Casting types:

Ductile or Gray Iron,
Brass & Bronze

FEATURES

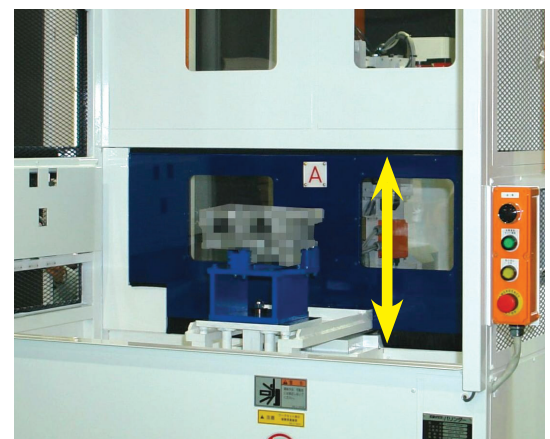
- Automatic grinding-deburring machine for small to medium size castings
- Suitable for grinding inside and outside of complex castings
- Quick change out of fixtures, programs & tools (less than 5 minutes)
- Simple & easy programming and operation for maximum uptime
- 2-Position servo pallet changer
- 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

AUTOMATIC GRINDING SYSTEM

COMPACT
SIZE

ANGLED
GRINDING

TALLER
WORK ENVELOPE



SPECIFICATIONS

Model	X7i-FDH22R-45H5GR-C
Work Envelope	20" dia. X 14" H (500 mm dia. x 350 mm H)
Max Total Weight (Part + Fixture + Pallet)	110 lbs. (50 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	25 Hp (18.6 kW) Max Servo Motor
Auxillary Grinding Spindle	5 Hp (3.7 kW) High Speed Inverter Drive
Grinding Wheel Tilt Motion	130 degrees
Work Load/Unload	2-position pallet changer
Number of Axes	7
Weight	6,100 lbs. (2800 kg)



WORK EXAMPLES



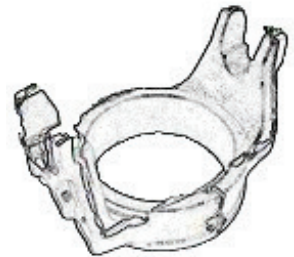
Exhaust Manifold
30 seconds/piece



Differential Case
24 seconds/piece



Differential Carrier
24 seconds/piece



Rotor
40 seconds/piece



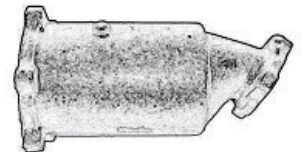
Gear Box
24 seconds/piece



Axle Case
40 seconds/piece



Water Pump
37 seconds/piece



Cylinder Head
27 seconds/piece



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