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BARINDER

400 SERIES

FEATURES

X7i-FDH22R-455GR-C



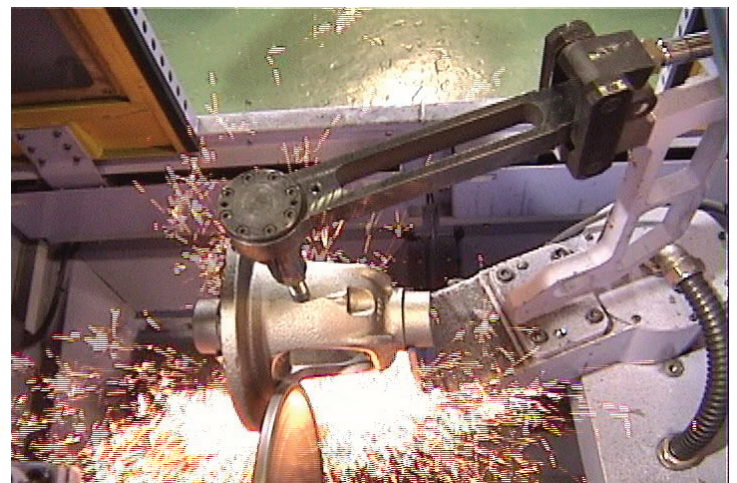
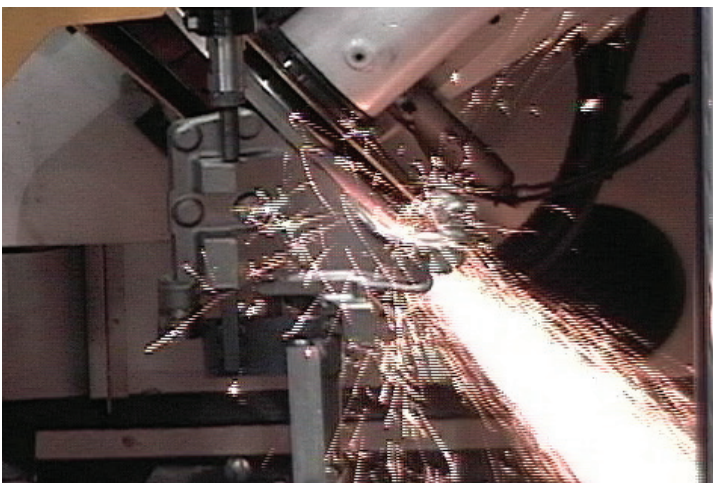
Casting types:

Ductile or Gray Iron,
Brass & Bronze

- 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 & unloading, air cooler

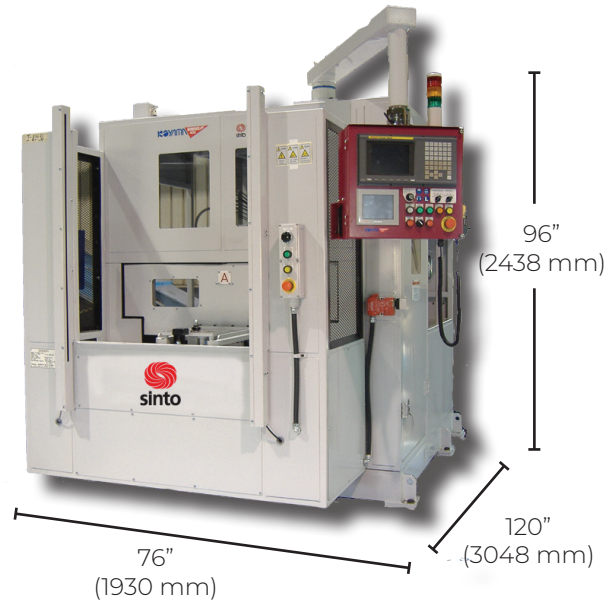
AUTOMATIC GRINDING SYSTEM

COMPACT SIZE — ANGLED GRINDING — HIGH SPEED PRECISION



SPECIFICATIONS

Model	X7i-FDH22R-455GR-C
Work Envelope	20" dia. X 7.8" H (500 mm dia. x 200 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	5,200 lbs. (2400 kg)



WORK EXAMPLES



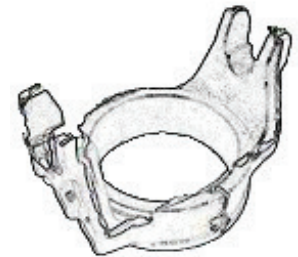
Exhaust Manifold
30 seconds/piece



Differential Case
24 seconds/piece



Differential Carrier
24 seconds/piece



Rotor
40 seconds/piece



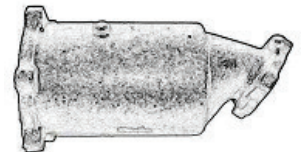
Gear Box
24 seconds/piece



Axle Case
40 seconds/piece



Water Pump
37 seconds/piece



Cylinder Head
27 seconds/piece



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