



BARINDER^F 400 Series



X7i-FDH22R-45H5G2R

Automatic grinding machine for small and medium sized castings.



**2 Auxiliary
tool heads**

Features

- Improved grinding capability by equipping with main & 2 auxiliary tool heads.
- Rotating main & auxiliary tool heads.
- Suitable for the finishing of complex shape castings.
- Main tool-head now powered by servo-motor for improved efficiency.

Outline of specifications

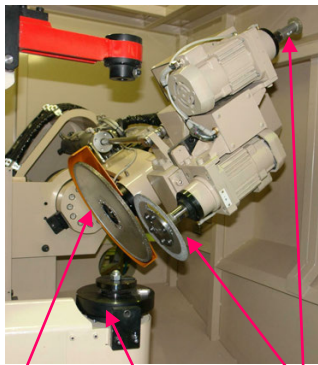
Max. machinable size	Φ500×H350, 30kg (*Load capacity is within 50kg)
Main tool-head	Diamond wheel Φ355×T12×Φ80
Main tool-head driving motor	4.5Kw (AC servomotor drive)
Auxiliary tool-head driving motor	2.2Kw × 2sets (High speed type, Inverter drive)
Wheel tilt for max.	130° (NC control drive)
Control driving motor,	7 axes AC servo controlled by NACR
Number of NC axis	
Overall dimensions	W1850×D2745×H2303
Weight	2250kg

*Load capacity includes casting, fixture, and fixture palette.

Challenging to Future Function of BARINDER!!

X7i-FDH22R-45H5G2R

■ Grinding by tilting main shaft tool



Main Wheel Turntable table Small wheel

(Appeared object is virtual image)

■ Features

- 1.Improved grinding capability by loading 2 kinds of small tools.
- 2.Small footprint.
- 3.One operator can perform multiple machine operations.
- 4.Program creation is simple and easy.
- 5.Simple operation with high function.
- 6.Quick change- less than 5 min. to change fixtures, programs and tools.
- 7.Diamond tool saves operation cost and dust generation.
- 8.High speed and efficient processing enables productivity and a higher finishing quality of product.

■ Object example Subject material : FC, FCV, FCD, BC-6, ADC, others



Exhaust Manifold
30 sec / piece



Differential Case
24 sec / piece



Differential Carrier
24 sec / piece



Rotor
40 sec / piece



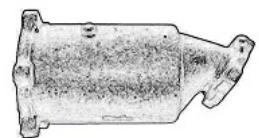
Gear Box
24 sec / piece



Axle case
40 sec / piece



Water Pump
37 sec / piece



Cylinder Head
27 sec / piece

*The grinding tact times are for reference only, not guaranteed values.

Inquiry

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CNo. X7i-FDH22R-45H5G2R-E