



BARINDER^F 300 Series



X6i-FDH12R-331GR

Automatic deburring machine for small sized castings.



Features

- Best deburring machine for small sized castings.
- Rotating main & auxiliary tool-head.
- Suitable for the finishing complex shape castings.
- Main tool-head now powered by servomotor for improved efficiency.

Outline of specifications

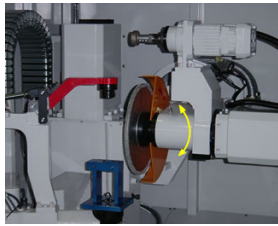
Max. machinable size	Φ300×H200, 8kg (*Load capacity is within 13kg)
Main tool-head	Diamond wheel Φ305×T12×Φ80
Main tool-head driving motor	2.7Kw (AC servomotor drive)
Auxiliary tool-head driving motor	2.2Kw (High speed type, Inverter drive)
Wheel tilt for max.	130° (NC control drive)
Control driving motor,	6 axes AC servo controlled by NACR
Number of NC axis	
Overall dimensions	W1625×D1910×H2041
Weight	1400kg

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

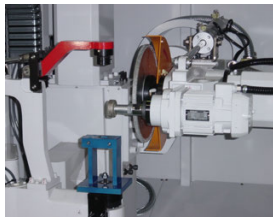
Challenging to Future Function of BARINDER!!

X6i-FDH12R-331GR

■ Grinding with main shaft tool



■ Grinding with small tool



■ Features

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

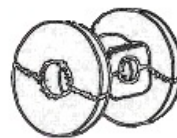
■ Object example Subject material : FC, FCV, FCD, BC-6, ADC, others



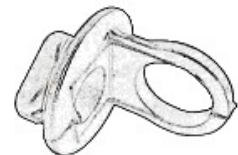
Camshaft
15sec/piece



Casing
37sec/piece



Check Valve
40sec/piece



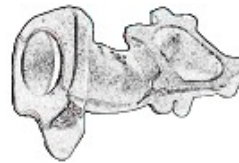
Bracket
43sec/piece



Support
25sec/piece



Caliper body
18sec/piece



Manifold
30sec/piece



Differential Case
40sec/piece

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

Inquiry

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