



# BARINDER<sup>F</sup> 600 Series

KOYIMA

BARINDER<sup>F</sup>  
600

## N6i-FDH22-69HFG2R

Automatic grinding machine in particular manhole frame, cover etc.



※ for manhole frame, cover etc.

### Features

- Automatic grinding machine in particular manhole frame, cover etc.
- Main spindle tool & two auxiliary tools moves vertically.
- Main tool-head now powered by servomotor for improved efficiency. shape castings.
- Grinding range has been greatly improved by the two small tools and can be the top surface grinding.

### Outline of specifications

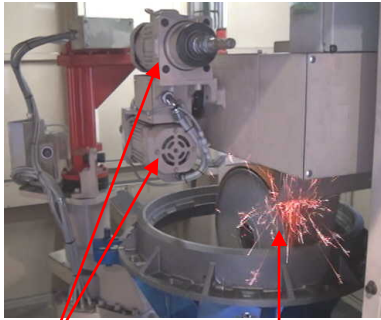
Max. machinable size	Φ900×H150 100kg(*Load capacity is within 150kg or less)
Main tool-head	Diamond wheel Φ380×T12×Φ80
Main tool-head driving motor	4.5Kw (AC servo motor drive)
Auxiliary tool-head driving motor	2.2Kw×2sets (High speed type, inverter drive)
Control driving motor,	6 axes AC servo controlled by NACR
Number of NC axis	
Overall dimensions	W3084×D3015×H2950
Weight	4500kg

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

## Challenging to Future Function of BARINDER!!

# N6i-FDH22-69HFG2R

### ■ Grinding by main tool to the inner peripheral part



Two Small tools      Main(Large) tool

### ■ Feature

1. An ideal machine for deburring casting of manhole frame and cover.
2. The grinding performance greatly improved by loading small tool two mounting
3. Installation area is smaller than the conventional machine.
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.



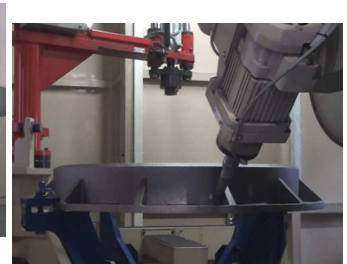
Outer periphery grinding



Due to a small tool NO.1, core print burr grinding



Bolt hole burr grinding



core print burr grinding

(Appeared object is virtual image)

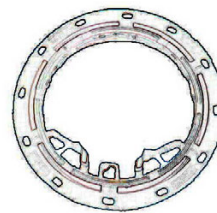
### ■ Object example    Subject material : FC, FCV, FCD, BC-6, ADC, others



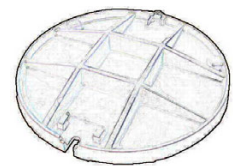
320 sec / Piece



420 sec / Piece



410 sec / Piece



160 sec / Piece

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

Inquiry

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