



# BARINDER<sup>F</sup> 400 Series



## X6i-CDH22R-455MR

Automatic deburring machine for aluminum castings.



### Features

- Best deburring machine for small and medium sized aluminum castings.
- Rotating main & auxiliary tool-heads.
- Using two tools depending on cutting and grinding parts makes high-speed finishing of large and small burrs on detailed part of castings possible.
- Main tool-head now powered by servo-motor for improved efficiency.
- Conveyor for collecting machining chips is optional.

### Outline of specifications

Max. machinable size	Φ500×H200, 30kg (*Load capacity is within 50kg)
Main tool-head	Diamond chip saw Φ405×T4×Φ80
Main tool-head driving motor	4.5Kw (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	W1850×D2235×H2346
Weight	2100Kg

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

- Chips conveyor is optional.

## Challenging to Future Function of BARINDER!!

# X6i-CDH22R-455MR

### ■ Cutting by tilting main shaft 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.Dry cutting with diamond tool.
- 7.High speed processing enables productivity and higher finishing quality of product.

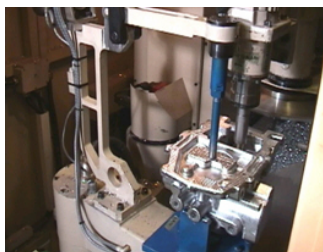
### ■ Vertical cutting



### ■ Horizontal cutting

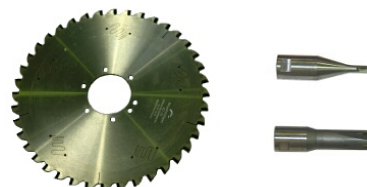


### ■ Interstice part cutting



### ■ Tool example

(Diamond chip saw , Diamond endmill)



(Appeared object is virtual image)

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