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**Artis Concept**

Follow the same stream of “Closed-loop” as existing HB series machine for supreme mechanical rigidity.

*previous photo from page*  

A fusion of craftsmanship and state-of-the-art technology

Building the quality without compromise having an eye on high-end.

Always provide more value than the cost

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**Characteristic ArtisHB086/HB156**

1. High rigid structure based on “Artis Concept”.
2. 6 axis fully CNC controlled.
3. Backlash free tool and work spindle.
4. High speed tool spindle up to 2,000m⁻¹
   - High speed spindle (up to 2,000 m⁻¹)
5. High speed work table up to 300m⁻¹ (HB086), 220m⁻¹ (HB056)
   - High speed work table (300 m⁻¹ for HB086, 220 m⁻¹ for HB156)
6. Narrow frontage, small floor space.
   - Narrow frontage, small floor space
7. Suitable for Dry, Wet and Aqua-cut method.
   - Suitable for dry, wet and water-cutting methods
8. Available in various kinds of optional equipment including auto loader.

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**CNC Gear Hobber with High Speed, High Accuracy and High Performance Capability.**

高速・高精度・高効率 CNCホブ盤
Main specifications

Maximum outer diameter of work part
- HB086: ø80mm [3.15"]
- HB156: ø150mm [5.91”]

Maximum module of work part
- HB086: m2.5
- HB156: m4

Maximum outer diameter of Hogan
- HB086: ø110mm [4.33”]
- HB156: ø120mm [4.72”]

Maximum length of Hogan
- HB086: 170mm [6.69”]
- HB156: 180mm [7.09”]

Maximum revolution speed of Hogan spindle
- 2,000/min

Maximum revolution speed of work spindle
- HB086: 300/min
- HB156: 220/min

X axis (Hogan radial traverse)
- HB086: 110mm [4.33”]
- HB156: 150mm [5.91”]

Z axis (Hogan axial) traverse
- HB086: 200mm [7.87”]
- HB156: 300mm [11.81”]

Y axis (Hogan shift traverse)
- HB086: 120mm [4.72”]
- HB156: 130mm [5.12”]

A axis (Hogan head swivel angle)
- ±45°

Hogan spindle AC spindle motor
- HB086: 5.5kw
- HB156: 7.5kw

CNC controller
- Fanuc 0i-Series