Work Range & Lay-out Dimension

Technical Data

- Work Range

- Lay-out Dimension

- Technical Data

Description

- Technical Data

- Technical Data

Description

- Technical Data
**HERA-30**

**8-Axis Controlled Micro CNC Gear Hobbing Machine**

Small size and Micro gear cutting is available

Max. Hob RPM 10,000 RPM • Max Table RPM 4,500 RPM

- Since the workpiece feed device (Z-axis) is separated into Z1-axis and Z2-axis, it can be moved individually or simultaneously for easy Loading/Unloading.
- Table combined with C1 and C2-axis, which rotated simultaneously for gear high accuracy and workpiece is firmly fixed while cutting both sides of centers.
- Various kinds of Automation system.
- High speed of Loading Time (2~3 sec.)
- Minimized floor space with compact design (1,100mm x 1,100mm x 1,800mm)

**Coordinate Axis**
- X: Radial movement
- Z, Z2: Axial movement
- C1, C2: Table rotation
- A: Hob head swivel
- Y: Hob shift
- B: Hob rotation

**Automation & Deburring Device**

- **Automation:** Flexible and Various kinds of Auto-Loading system combined.
  Conveyor system will decrease cycle time and improve gear quality

- **Deburring Device:** Plastic Gear, Bronze Gear, etc.

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**HERA-30**

**Micro 8-Axis CNC Gear Hobbing Machine**

Without Hob Arbor Support Unit

With Hob Arbor Support Unit

- Loading/UnLoading is convenient.
- Table is divided into two axes (C1, C2) which rotate simultaneously for high-precision gear cutting and workpiece is firmly fixed while cutting both sides of centers.
- Various kinds of Automation system.
- High speed of Loading Time (2~3 sec.)
- Minimized floor space with compact design (1,100mm x 1,100mm x 1,800mm)