

# XF300

## CNC Whirling Machine



### Milling Worm Profile

- The machine is professional to mill worm part , it is better efficiency and surface finish for process
- Workpiece Surface roughness can get Ra 0.4-1.0 um after milling
- Turret have high rigidity whirling milling with 5 tools , A axis swinging angle is 0°~18°
- Siemens motor spindle install round encoder, improve control precision
- Tool follow drawing to install standard or forming insert for making thread



### STANDARD CONFIGURATION

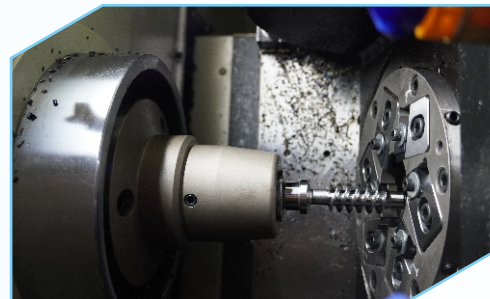
- Siemens 828D control system
  - Siemens motor spindle
  - Internal milling cutter 5T turret
  - Cooling system
- Cabinet heat exchanger
  - Automatic lubrication system
  - Hydraulic collet
  - Hydraulic tailstock
- Enclose guard
  - Working lamp
  - Chip conveyor



Internal whirling with 5- insert



Hydraulic tailstock



A axis swing angle 0°~18°



Surface roughness Ra 0.4-1.0 μm after milling

### TECHNICAL SPECIFICATION:

| Model    |                                             | XF300 |                |
|----------|---------------------------------------------|-------|----------------|
| Capacity | Max. milling length                         | mm    | 250            |
|          | Max. workpiece length                       | mm    | 320            |
|          | Max. machining diameter                     | mm    | 60             |
| Spindle  | Workpiece spindle power                     | kW    | 10             |
|          | Workpiece spindle speed                     | rpm   | 0-100          |
| Travel   | X/Z1/Z2 axis travel                         | mm    | 100/250/250    |
|          | X/Z axis rapid feed                         | M/min | 15/15          |
|          | X/Z axis positioning accuracy               | mm    | 0.01           |
|          | X/Z axis repeatability positioning accuracy | mm    | 0.006/0.01     |
| Turret   | Number of tool                              | pcs   | 5              |
|          | Max. spindle speed                          | rpm   | 1500           |
|          | Swivel angle                                |       | 0°~18°         |
| Others   | Machine size(L×W×H)                         | mm    | 2400×2550×2540 |
|          | Weight                                      | T     | 3.8            |