

# 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 0.4-1.0um after milling

### TECHNICAL SPECIFICATION:

Model	XF300	
<b>Capacity</b>		
Max. milling length	mm	250
Max. workpiece length	mm	320
Max. machining diameter	mm	60
<b>Spindle</b>		
Workpiece spindle power	KW	10
Workpiece spindle speed	RPM	0-100
<b>Travel</b>		
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
<b>Turret</b>		
Number of tool	pcs	5
Max. spindle speed	RPM	1500
Swivel angle		0° ~18°
<b>Others</b>		
Machine size(L × W × H)	mm	2400X2550X2540
Weight	KG	3800