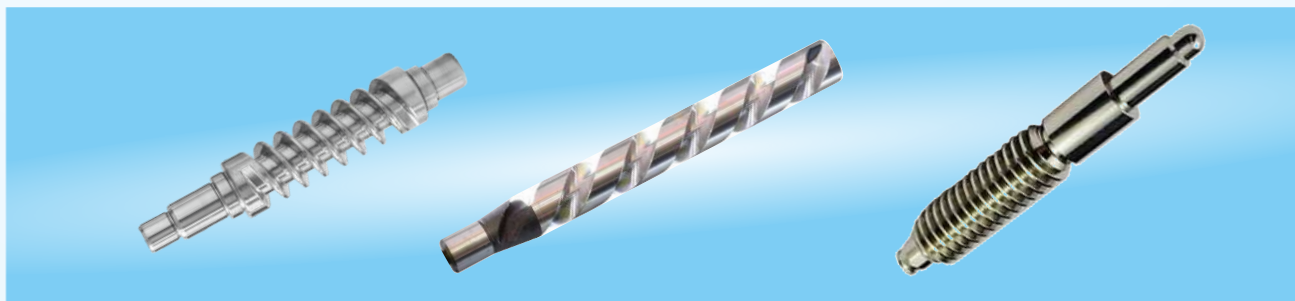


SWM1510A CNC External Thread Grinder



Large lead angle grinder

- The machine adopt T type mineral casting stand.
- The machine grinding wheel can finish external thread with V and trapezoid thread type, such as ball screw , extruder screw ,rolling tool, straight teeth.
- A axis lead angle +20°~-160° for grinding large angle and pitch thread.



STANDARD CONFIGURATION

- Siemens 828D control system
- Heidenhain scales X/Z axis and workpiece spindle
- Cutting fluid filtration system
- Spindle coolant system
- Compressed air drying device
- Cabinet air condition
- Automatic lubrication system
- Oil mist absorber
- Steady rest
- Heart-shaped clamping
- Hydraulic Tailstock
- Balancing arbor



Spring adjust center in tailstock



Motor spindle for grinding wheel



Grinding wheel balancing system



Grinding wheel leadangle +20°~-160°

TECHNICAL SPECIFICATION:

Model		SWM1510A
Capacity		
Max.Length of grinding thread	mm	1000
Max.grinding diameter	mm	200
Max.distance between center	mm	1200
Max.workpiece weight	kg	50
Max.lead angle		+20° ~ -160°
Spindle		
Grinding wheel size(ODxTHxID)	mm	φ500/25~50/φ203 H6
Grinding wheel spindle speed	min-1	50~3000
Grinding wheel motor power	kw	15
Dressing wheel size(ODxTHxID)	mm	φ150xφ25x30
Dressing wheel Max.spindle speed	min-1	10000
Available roller theory minimum tool tip rounded corner	mm	0.5
Axis		
X/Z axis travel	mm	350/1200
Feed rate	m/min	8
Machining precision		
Grinding trapezoid screw	mm	5 levels(accord with std.JB/2886-2008)
Grinding ball screw	mm	P2 levels (accord with sld.GB/T17587.3-1998)
Tooth surface roughness	μm	Ra0.4
Other		
Total power	kw	20
Machine weight	T	14
Machine size(L/W/H)	mm	3500x4700x2500