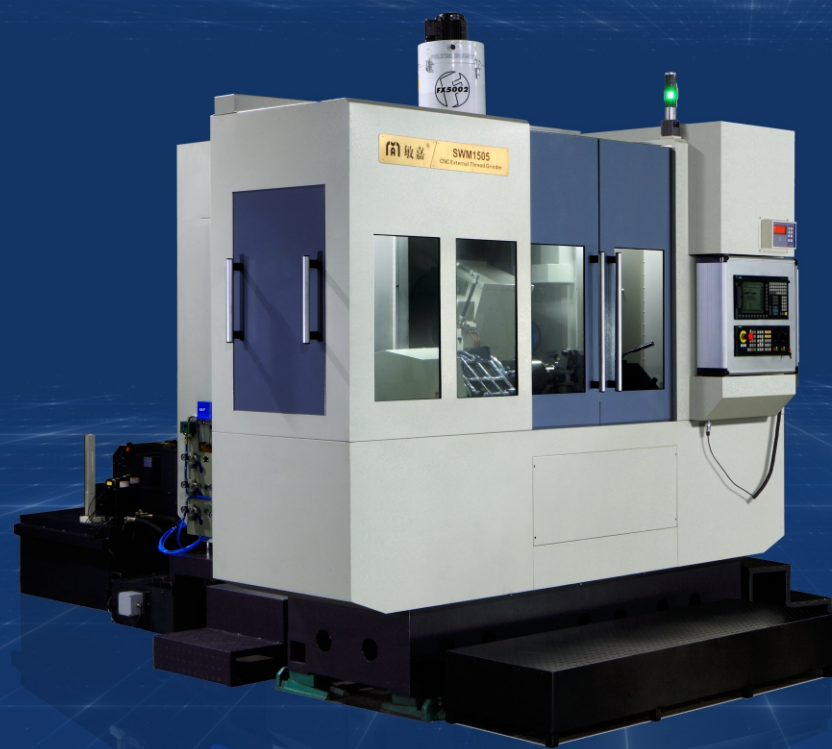


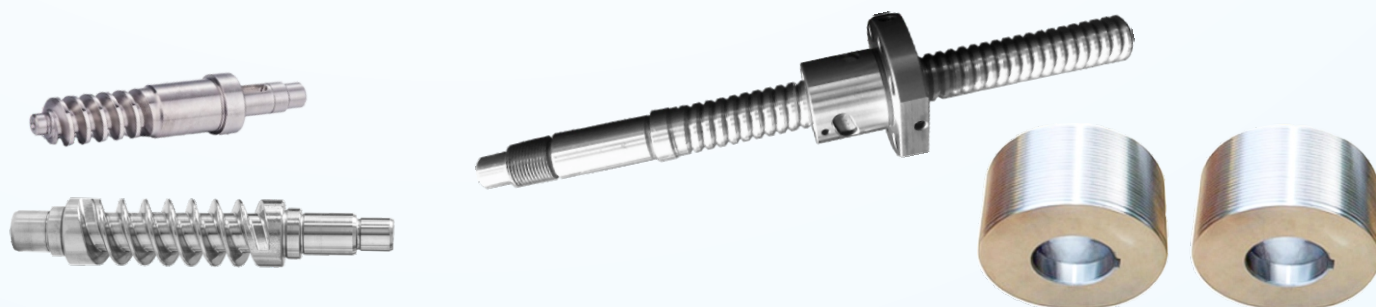
SWM1507A

CNC External Thread Grinder



Grinding External Thread -Circular

- The machine base and bed design together ,and adopt mixed mineral for guarantees high dimensional accuracy
- Suitable grinding external different type thread, such as ball screw, worm shaft, rolling dies, steering component
- Grinding helix angle $\pm 30^\circ$ and multi-starts thread ,mini. pitch 0.3mm
- Automatic wheel wearing compensation

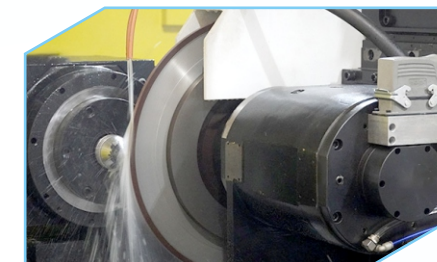


STANDARD CONFIGURATION

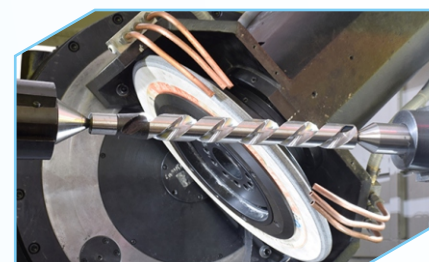
- Siemens 828D control system
- External grinding spindle
- Heidenhain grating ruler X/Z/C axis
- Cutting fluid filtration system
- Spindle coolant system
- Compressed air drying device
- Cabinet air condition
- Automatic lubrication system
- Oil mist absorber
- Heart-shaped clamping
- Manual Tailstock



Automatic dressing for wheel



Motor spindle of grinding wheel



Grinding screw with big helix angle



Steady rest for support long workpiece

TECHNICAL SPECIFICATION:

Model			SWM1507A	SWM1510A	SWM1520A	SWM1530A
Capacity	Max. grinding thread length	mm	650	1000	2000	3000
	Max.grinding diameter	mm	200	200	200	150
	Max.distance between center	mm	780	1200	2200	3200
	Grinding helix angle		$\pm 30^\circ$			
Machining accuracy	Pitch deviation	mm	0.004			
	Thread surface roughness	μm	0.32			
	Grinding wheel size(OD $\times$ TH $\times$ ID)	mm	$\Phi 500/10-25/\Phi 305$			
Wheelhead	Spindle speed	min-1	50-3000			
	Motor power	kW	7.5			
			15			
Wheel dresser	Dressing wheel size(OD $\times$ TH $\times$ ID)	mm	$\Phi 100 \times \Phi 25 \times 30$			
	Max.spindle speed	rpm	6000			
	Spindle speed	rpm	0-100			
Headstock	Motor power	kW	10.35	10.35	10.35	5
	Travel	mm	350/950	350/1200	350/2250	150/3300(linear motor)
X/Z axis	Mini. feed	mm	0.001			
Other	Machine weight	T	10.5	12	17	26
	Machine size(L $\times$ W $\times$ H)	mm	3500 $\times$ 3300 $\times$ 3000	4000 $\times$ 3300 $\times$ 3000	6200 $\times$ 3300 $\times$ 3000	6200 $\times$ 3300 $\times$ 3000