

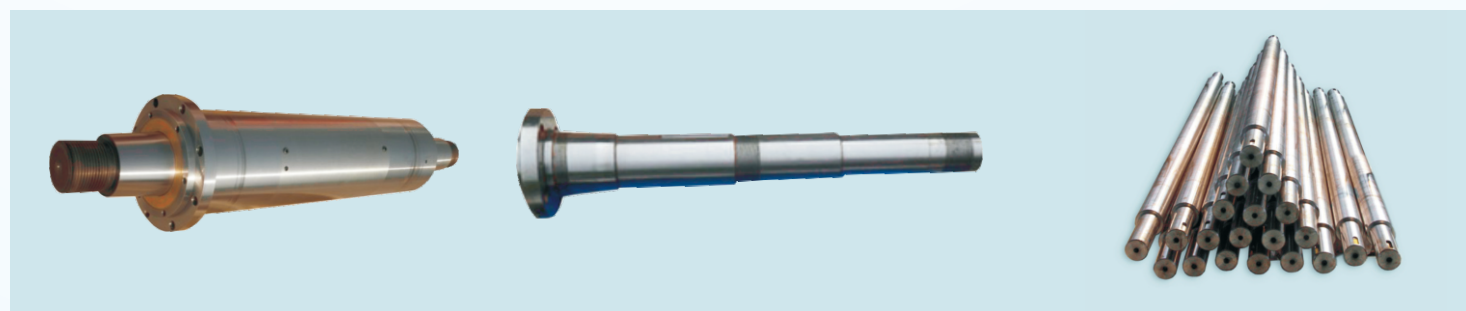
AWM1503

CNC Cylindrical Grinder



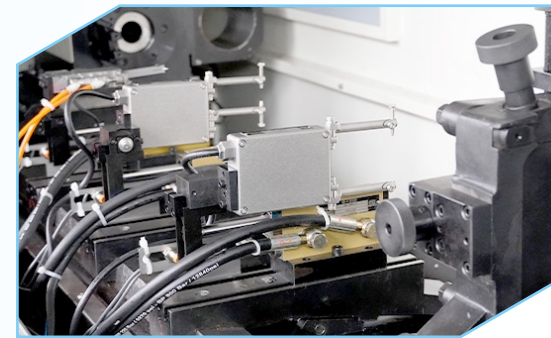
Cylindrical Grinding

- The machine can grind cylindrical and end face for shaft
- Wheelhead is bulid inside motor and X axis move with linear encoder, keep roundness 5-10 μm
- 60mm width grinding wheel follow peripheral speed 45m/s

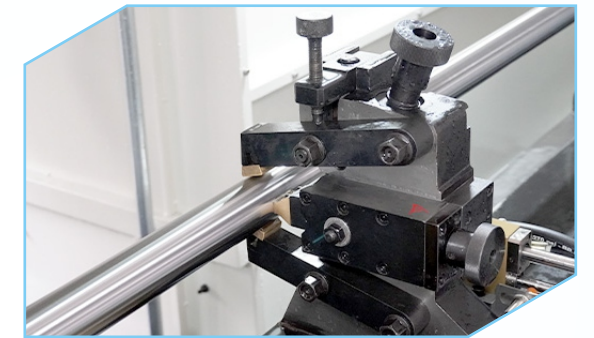


STANDARD CONFIGURATION

- Siemens 828D control system.
- External grinding wheel spindle
- Cooling system
- Automatic lubrication system.
- Air condition cabinet
- Oil mist absorber
- Compressed air dryer
- Cutting fluid filtration system
- Manual Tailstock



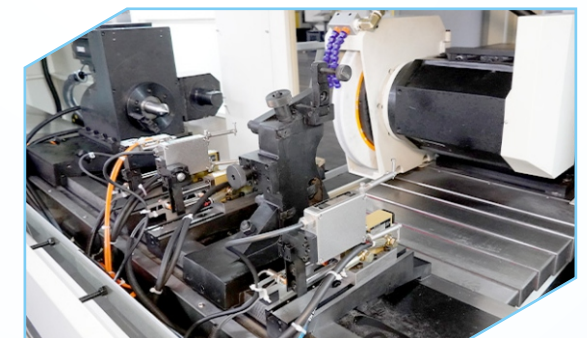
Max.grinding diameter 200mm



Steady rest support well long shaft



The rigid constructed spindle head with reducer to get large torque



Cylindrical/End face measuring instrument is good for mass production requirement

TECHNICAL SPECIFICATION:

Model			AWM1503	AWM1510	AWM1520
Capacity	Height of center	mm	125	125	210
	Max.grinding diameter	mm	200	220	200
	Max. workpiece weight	kg	120	150	500
	Max.grinding length	mm	300	1000	2000
Spindle	Grinding wheel size(OD×W×ID)	mm	Φ500×50×Φ203	Φ450~600×63×Φ305	Φ500×60×Φ203
	Power of grinding spindle	kW	7.5	7.5	15
	Max Speed of grinding wheel	rpm	5000	3000	3000
	Max. tailstock sleeve travel	mm	30	40	40
Travel	Max. X/Z axis travel	mm	300/500	300/1000	210/1500
	X/Z axis rapid feed	m/min	12	12	12
Other	Machining accuracy(Grinding roundness)	μm	2	2	2
	Machine size(L×W×H)	mm	3800×3300×2200	4000×2000×1800	4600×2000×1800
	Weight	T	6	7	8