

Specification

Item		Unit	200 Series				300 Series								
			Plane Type		Universal Type		Plane Type				Universal Type				
			225	250	225	250	330	350	390	3150	330	350	390	3150	
Capacity	Work swing over	mm	220				320								
	Distance between centers	mm	250	500	250	500	300	500	900	1500	300	500	900	1500	
	Maximum grind diameter	mm	200				300								
	Work center maximum weight chuck	kg	50				150								
Grinding wheel	Size (OD x W x ID)	mm	ø355×38×ø127		ø305×25×ø127		ø405×50×ø127				ø355×38×ø127				
	Max. peripheral	m/sec	30				33								
Grinding wheel head	X axis travel	mm	215				300								
	Swivel angle	deg	Non-swivel		±30		Non-swivel				±30				
	Least travel increment (ø)	mm	0.0001												
	Rapid feed rate (ø)	m/min	4												
Table	Z axis travel	mm	512	762	512	762	670	870	1270	1870	60	870	1270	1870	
	Swivel angle	deg	0~-11	0~-9	0~-11	0~-9	0~-12	0~-10	0~-8.5	0~-5	0~-12	0~-10	0~-8.5	0~-5	
	Least travel	mm	0.0001												
	Rapid feed rate	m/min	8						10						
Work head	Spindle type	-	Rigidity spindle for dead and live combined use												
	Center taper	MT	No.3				No.4								
	Through hole diameter	mm	ø18				ø20								
	Spindle speed	min-1	10~500												
	Swivel angle	deg	30~-90				Non-swivel				30~-90				
Tailstock	Tailstock spindle	-	Manual taper fine adjustment type												
	Spindle stroke	mm	20				30								
	Center taper	MT	No.3				No.4								
Motor	Grinding wheel head spindle	kW	15				5.5								
	Workhead spindle	kW	1.8 (AC servo motor)												
	Table feed	kW	1.2 (AC servo motor)												
	Grinding wheel head feed	kW	1.2 (AC servo motor)												
	Lubricating pump	W/P	3-Apr												
	Coolant pump	W/P	180/2						180/2						
	Magnet separator (option)	W/P	-												
Required electrical power consumption		kVA	15				20								
Height from floor to work		mm	980				1000								
Machine Weight	Net	kg	2900	3300	2900	3300	3900	4600	5000	6000	3900	4600	5200	6000	