CNC EXTERNAL GRINDING

SPECIFICATIONS

SPECIFICATION	UNITS	AWH/SWH-200	AWH/SWH-350	AWH/SWH-600	AWH/SWH-800-H	AWH/SWH-1000	AWH/SWH-2000
Max. Grinding Length	mm	200	350	600	800	1000	2000
Height of Centres	mm	130	200 / 170 / 150	200 / 170 / 150	225	200 / 170 / 150	225
Loading Height	mm	1050	1050	1050	1250	1050	1250
Max. Grinding diameter	mm	225	350 / 300 / 250	350 / 300 / 250	400	350 / 300 / 250	400
Max. weight of comp.	kg	30	80	80	150	80	300
Size of wheel (O.D. x I.D.)	mm	Ø 500 - Ø 203.2	Ø 600 - Ø 203.2	Ø 600 - Ø 203.2	Ø 750 - Ø 304.8	Ø 600 - Ø 203.2	Ø 750 - Ø 304.8
Max. width wheel	mm	30 / 50	80 / 120 / 145	80 / 120 / 145	200	80 / 120 / 145	150
Spindle motor power	kw	5.5 / 7.5	11 / 15 / 18.5	11 / 15 / 18.5	30	11 / 15 / 18.5	18.5 / 22
Spindle bearing	type	Anti Friction	Hydro - Dynamic	Hydro - Dynamic	Hydro - Dynamic	Hydro - Dynamic	Hydro - Dynamic
Grinding speed	m/sec.	45	45	45	45-50	45	45
Diamond Dresser	type	blade	blade	blade	blade	blade	blade
X axis slide stroke	mm	300	300	300	500	300	500
Z axis slide stroke	mm	350	580	800	1000	1200	2500
Rapid feed rate	m/min.	10	10	10	10	10	10
Min. incremental feed	mm	0	0	0	0	0	0
Work head speed range	RPM	50 - 800	50 - 800	50 - 800	50 - 800	50 - 800	50 - 800
Centre type WH/TS	MT	MT4 / MT3	MT5 / MT4	MT5 / MT4	MT6 / MT5	MT5 / MT4	MT6 / MT5
Tailstock quill dia.	mm	40	50	50	90	50	90
Tailstock stroke	mm	20	40	40	60	40	60
Floor area for basic m/c. (Length x Width x Height)	mm	2000x2000x1800	3800x2600x2200	4800x3600x2200	5600x4600x2400	4200x3600x2200	7540x3600x2500
Paper band cum magnetic filteration system		Std.Accessory	Std.Accessory	Std.Accessory	Std.Accessory	Std.Accessory	Std.Accessory
Std. Machine Guarding		Partially Enclosed	Partially Enclosed	Partially Enclosed	Partially Enclosed	Partially Enclosed	Partially Enclosed
Fume extractor		Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory
Fixtures & Toolings can be provided		As per application	As per application	As per application	As per application	As per application	As per application
Rotary Dresser		Optional	Optional	Optional	Optional	Optional	Optional
In-process gauge		Optional	Optional	Optional	Optional	Optional	Optional
Flagger		Optional	Optional	Optional	Optional	Optional	Optional
Wheel loading/unloading device		Optional	Optional	Optional	Optional	Optional	Optional