CNC INTERNAL GRINDING

SPECIFICATIONS

SPECIFICATION	Unit	FIG-50	FIG-100	FIG-200	FIGE 2X2 100	FIGE 2X2 150	FIGE 150	FIGT-300
No. of CNC Controlled Axis	Nos	2	2	2	2	2	3	4
Grinding bore dia Min.-Max. (Note : with suitable wheel spindle)	mm	Ø 5 - Ø 50	Ø 15 - Ø 100	Ø 30 - Ø 200	Ø 15 - Ø 100	Ø 15 - Ø 150	Ø 15 - Ø 150	Ø 15 - Ø 300
Grinding depth, max. (mm) (Note : with suitable wheel spindle)	mm	50	100	150	100	150	100	200
Max. chuck dia (PMT ML Make chuck)	mm	Ø 220	Ø 300	Ø 500	Ø 220	Ø 350	Ø 350	Ø 400
Work head Nose	Type	A2-4/A2-5 (Optional)	Ø118 / Metric-70 / A2-6 (Optional)	A2-11/A2-15 (Optional)	A2-4/A2-5 (Optional)	Ø118 / Metric-70 / A2-6 (Optional)	Ø118 / Metric-70 / A2-6 (Optional)/A2-8 (Optional)	A2-6/A2-11 A2-5(Optional)
Work head Speed - RPM (Infinitely variable)	RPM	100 - 1000	100 - 500	50 - 400	100 - 1000	100 - 500	100 - 500	50 - 600
X-Axis travel (Max.)	mm	150	300	800	300	500	500	150
Glass Scale	-	Std.Accessory	Std.Accessory	Std.Accessory	Std.Accessory	Std.Accessory	Std.Accessory	Std.Accessory
Z-axis travel (Max.)	mm	300	300	500	300	500	300	700
Glass Scale	-	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Z-2 Axis travel (Max.)	mm	N/A	N/A	N/A	N/A	N/A	300	N/A
Glass Scale	-	N/A	N/A	N/A	N/A	N/A	Optional	N/A
Type of Internal Grinding wheel spindle	Type	H.F.Spindle / Belt Driven (Optional)	H.F.Spindle / Belt Driven (Optional)	H.F.Spindle / Belt Driven (Optional)	H.F.Spindle	H.F.Spindle	H.F.Spindle / Belt Driven	H.F.Spindle
No. of Spindles can be mounted on the machine	Nos	1	1	1	2	2	2	4
RPM Range (With suitable wheel spindle)	RPM	6,000 - 1,05,000	6,000 - 1,05,000	6,000 - 1,05,000	6,000 - 1,05,000	6,000 - 1,05,000	6,000 - 1,05,000	6,000 - 1,05,000
Type of Internal Grinding spindle lubrication	Type	Oil Air / Greased packed	Oil Air / Greased packed	Oil Air / Greased packed	Oil Air / Greased packed	Oil Air / Greased packed	Oil Air / Greased packed	Oil Air / Greased packed
Drive through	Type	H.F.Convertor/ Servo Spindle Motor	H.F.Convertor/ Servo Spindle Motor	H.F.Convertor/ Servo Spindle Motor	H.F.Convertor	H.F.Convertor	H.F.Convertor/ Servo Spindle Motor	H.F.Convertor
H.F.Spindle cooling system	-	Essential Accessory	Essential Accessory	Essential Accessory	Essential Accessory	Essential Accessory	Essential Accessory	Essential Accessory
External Grinding wheel spindle	-	N/A	N/A	N/A	N/A	Optional Accessory depending upon the application	Std.Accessory mounted on 3rd Axis (Z-2 Axis)	Optional
Paper band cum magnetic filtration system	-	Std.Accessory	Std.Accessory	Std.Accessory	Std.Accessory	Std.Accessory	Std.Accessory	Std.Accessory
Std. Machine Guarding	-	Partially Enclosed	Fully Enclosed	Fully Enclosed	Fully Enclosed	Fully Enclosed	Fully Enclosed	Fully Enclosed
Fume extractor	-	Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory
Fixtures & Tooling can be provided	-	As per application	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	Optional
In-process gauge	-	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Tool Monitoring	-	Optional	Optional	Optional	Optional	Optional	Optional	Optional
CBN Application	-	Optional	Optional	Optional	Optional	Optional	Optional	Optional