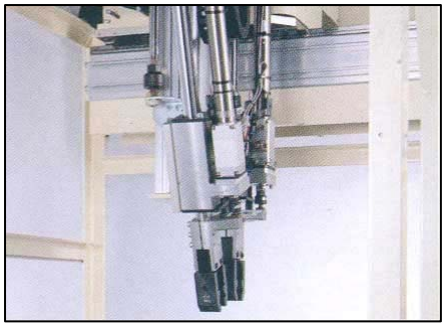
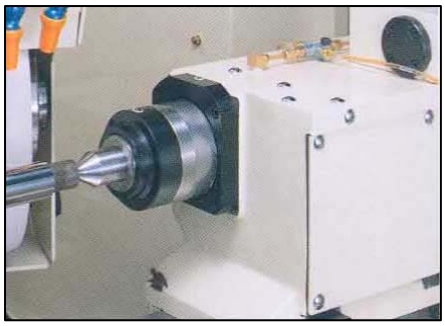
G30 SB/AB

Fixed Wheelhead CNC OD Grinder

Both gantry and robotic automation solutions.



Hydraulically operated tailstock, #4 MT, with 2" stroke.



Featuring:

11.8" Swing; 12"/20"/40" Between Centers

Fanuc 21iTB CNC Control

Cast Iron Base Construction

Servo Controlled Wheelhead Swivel

Vee and Flat Pressurized Way Systems

Servo-Ballscrew Assemblies, X and Z Axis

Automatic Lubrication

Combination Live/ Dead Spindle Workhead

Hydraulic Tailstock

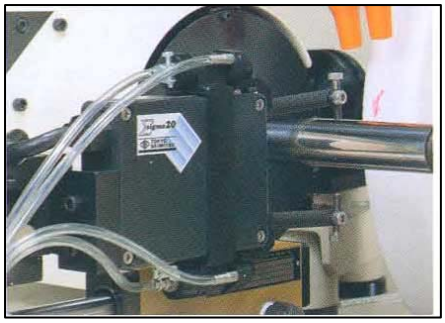
Full Enclosure

Variable Speed Wheel Drive

330 Pound Part Weight Capacity

Optional automatic lateral locator featuring a Renishaw probe.

Optional automatic in-process sizing gage.



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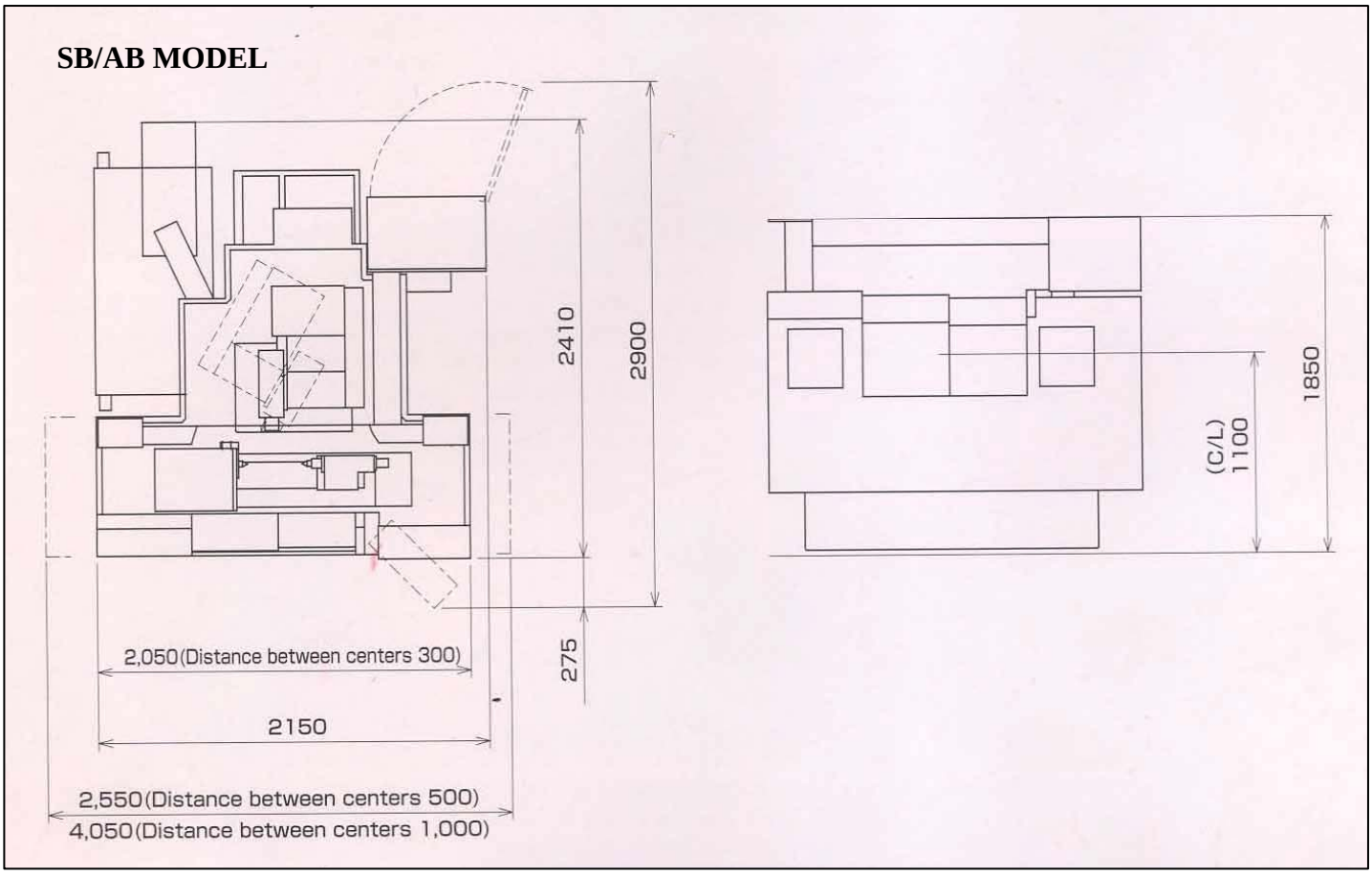

ITEM		G30SB-300 G30AB-300	G30SB-500 G30AB-500	G30SB-1000 G30AB-1000
Machine capacity	Distance between centers	300mm	500mm	1000mm
	Swing (Diameter)	300mm		
	Max. machining diameter	280mm		
	Max. center support weight	150kg		
Wheel spindle	Grinding wheel (ODxMax.widthxID)	SB:405 x 75 x 127 AB:510 x 100 x 127		
	Surface speed	2700m/min		
	Rapid feed rate	10m/min		
	Swiveling angle	NA		
Headstock	Dimension of center	MT.No4		
	Speed	15 to 500 RPM		
Tailstock	Dimension of center	MT.No4		
	Max. travel	50mm (hydraulic)		
Table	Rapid feed rate	16m/min		
	Swiveling angle	±5°		±3°
Motors	Grinding wheel	5.5 kW (opt 7.5 and 11 KW)		
	Work spindle	1.0kW (AC servo)		
Coolant tank capacity		200L		
Floor space (Width x Depth)		2050x2410mm	2550x2410mm	4050x2410mm
Center height		1100mm		
Net weight		4100 kg	4400 kg	5500 kg