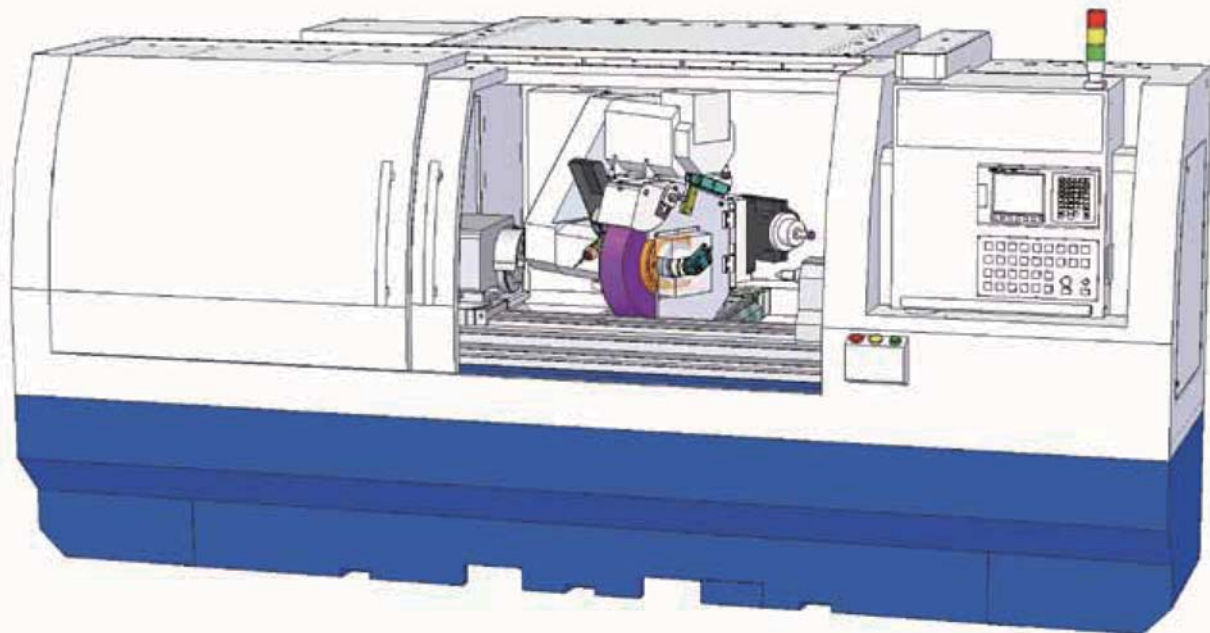




Unparalleled, Choice CNC Grinding Solutions

SuperB GU-35 100CNC
CNC Universal Cylindrical Grinding Machines



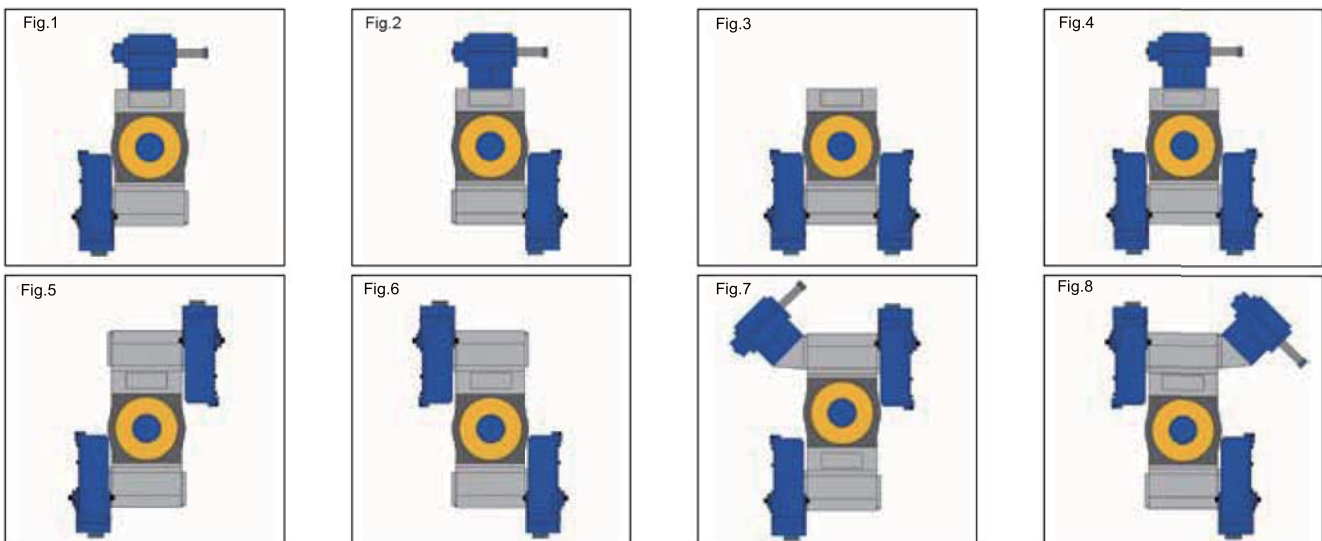
Features:

- The rotary motor in the grinding spindle base adopts DD motor for direct drive, achieving no backlash, high speed and high precision rapid rotary positioning.
- Feed guideway for the grinding wheel base uses optimized rectangular design with the concept of full enclosure to allow highly rigid and precise machining performance.
- Grinding wheel drive motor utilizes highly efficient and high torque motor to demonstrate heavy-duty cutting ability and highly efficient grinding capability.
- Choose the best combination of grinding wheel package to enable compound grinding and multiple machining procedures with just one clamping, showing high speed, high precision and high efficiency capabilities.

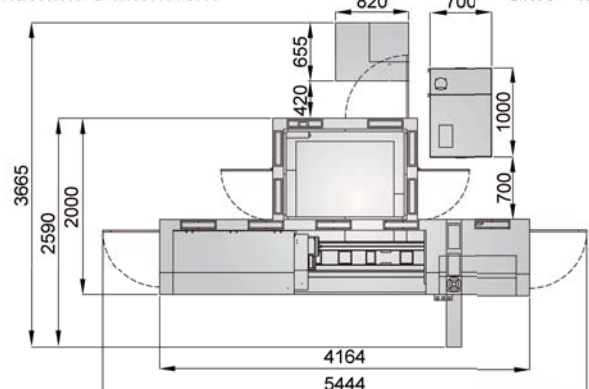
SuperB GU-35 100CNC Specifications (For Fig.1, Fig.2)

Model		Unit	SuperB GU-35100CNC
CAPACITY	Swing over table	mm	Ø350
	Distance between centers	mm	1000
	Max. outer grinding wheel dimension	mm	Ø510 / Ø405
	Max. load held between centers	kg	100
	Max. outer grinding wheel peripheral speed	m/s	45
	High frequency ID motor-spindle	rpm	40000
FEED SLIDE	Max. travel of X-axis	mm	320
	Speed (X-axis)	mm/min	6000
	Resolution (X-axis)	mm	0.00005
	Speed (Z-axis)	mm/min	8000
	Resolution (Z-axis)	mm	0.00005 (Opt.)
WORKHEAD	Spindle speed	rpm	5~750
	Center		M.T.4 (M.T.5 Opt.)
TAILSTOCK	Hydraulic sleeve retraction	mm	35
	Center		M.T.4 (M.T.5 Opt.)
DRIVEN MOTORS	Outer wheel spindle (servo motor)	kw	15
	X-axis (servo motor)	kw	1.2
	Z-axis (servo motor)	kw	1.2
	B-axis (servo motor)	kw	10.5
	Workhead (servo motor)	kw	1.2
B-AXIS (WHEELHEAD)	Resolution	deg	0.00005
	Positioning accuracy	sec.	< 1
	Repeatability accuracy for positioning	sec.	< 1
	Rotary speed (180°)	sec.	< 3
	Swiveling range	deg	-45° ~ +225°

* Design and specifications are subject to change without prior notice.



Machine Dimensions Unit : mm



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