QUALITY OF THE NEXT GENERATION

GLOBAL
CNC Automation

www.globalcnc.in

ABOUT US

COMPANY'S HISTORY

Continues innovative changes and rapid transformation have been the themes of company history.

In 2003, This company built its reputation by making hydraulic powerpack as name of Global Hydraulics. Since, then this company has started to provide the satisfactory product to customer.

In 2007, The Global Hydraulics built the first and impressive Special Purpose Machine(SPM) as per customer's requirement. Then over the years, the demand of SPM and also the reorder ratio from same customers are increased and Global Hydraulics served the best solution to numbers of giant customers by SPM.

Through out the history, Global Hydraulics had supplied more than 500 Nos. of Special Purpose Machines which integrating the all different operations such as Turning, Boring, Drilling, Notching, Broaching, Cutting and with different types of automation such as gantry system and robot arms.

In 2013, The Global Hydraulics transformed into Global CNC Automation. In this year The Global CNC has manufactured the first turning CNC machine and received the "WOW" response from the user customer. Since then, with customer demand and requirements, Global CNC Automation has manufactured numbers of CNC turning models.

COMPANY'S TODAY

Today, Global CNC is completely focusing on manufacturing of high quality CNC turning machines and implementing the all experiences of SPM's design, service and high quality in our CNC machines.

VISION

"To become the first preferable brand of turning machine in all over India in year 2020 and In year 2025, spread in Global market with increasing product basket by VTL, TMC, VMC, HMC and 5 Axis Machining Center Machines"

MISSION

To serve the finest quality machine and offer the best possible and satisfactory service to customer

SINEWY 2035
SINEWY 2050
SINEWY 2075

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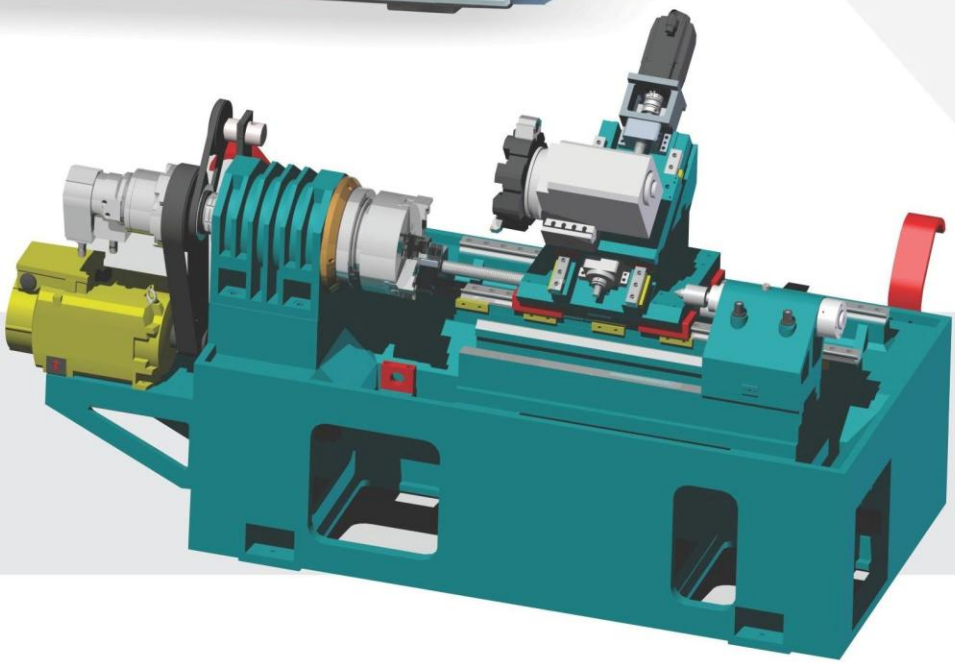
ROBUST STRUCTURE



KEY FEATURES

- Roller Type Guideways
- Ground Ballscrew with Double Nuts
- FEM Analyzed Machine Structure
- Operator Friendly Design
- Vibration Free Structure
- Elegant Look of Machine

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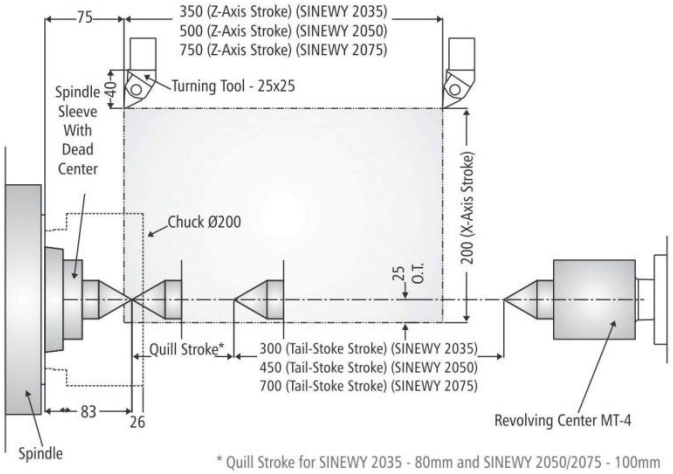
TECHNICAL SPECIFICATION

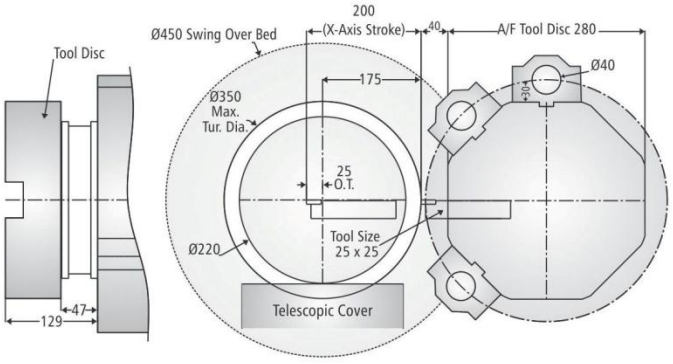
MODEL	Unit	SINEWY 2035	SINEWY 2050	SINEWY 2075
CAPACITY				
Swing Over Bed	mm	450	450	450
Std Turning Dia.	mm	200	200	200
Max. Turning Dia. With Limited Length	mm	300	300	300
Max. Turning Length	mm	350	500	750
Cross (X Axis) Travel	mm	175	175	175
Longitudinal (Z Axis) Travel	mm	380	530	780
Rapid (X & Z Axis)	m/min.	20	20	20
SLIDE				
Ball Screw (Z Axis)	mm	32 x 10	40 x 10	40 x 10
LM Guide (Z Axis)	mm	35	45	45
Ball Screw (X Axis)	mm	32 x 10	32 x 10	32 x 10
LM Guide (X Axis)	mm	35	35	35
SPINDLE				
Spindle Motor Power (30 Min./Cont)	kw	Siemens 7 / 10 Fanuc 7.5 / 11	Siemens 9 / 12 Fanuc 7.5 / 11	Siemens 9 / 12 Fanuc 7.5 / 11
Spindle Bore	mm	48	63	63
Spindle Nose		A2 5	A2 6	A2 6
Chuck Size	mm	200	200	200
Max. Bar Capacity	mm	36	52	52
Spindle Speed Range	rpm	50-3500	50-3000	50-3000
Full Power Range	rpm	750-3500	750-3000	750-3000
TURRET				
No. of Stations		8	8	8
Max. Boring Bar Diameter	mm	Ø 40	Ø 40	Ø 40
Tool Size (Cross - Section)	mm	25 x 25	25 x 25	25 x 25
TAILSTOCK				
Quill Diameter	mm	70	80	80
Quill Stroke	mm	80	100	100
ACCURACY				
Positioning Accuracy	mm	0.007	0.007	0.007
Repeatability	mm	±0.003	±0.003	±0.003
OTHER DATA				
Weight (Approx)	kg	2800	3500	3800

MACHINING RANGE (SINEWY 2035 / 2050 / 2075)



* Quill Stroke for SINEWY 2035 - 80mm and SINEWY 2050/2075 - 100mm

INTERFERENCE DIAGRAM (SINEWY 2035 / 2050 / 2075)



FEATURES

CONTROL SYSTEM FEATURES

- RS-232 Serial Interface Port
- Feed Rate Override
- Manual Data Input
- 2 Axis Simultaneous
- Circular Interpolation
- Thread Cutting Cycle
- Electronic Hand Wheel
- Tool Nose Radius Compensation
- Constant Surface Speed Control
- Part Programing Storage and Editing
- Direct Drawing Dimension Programming

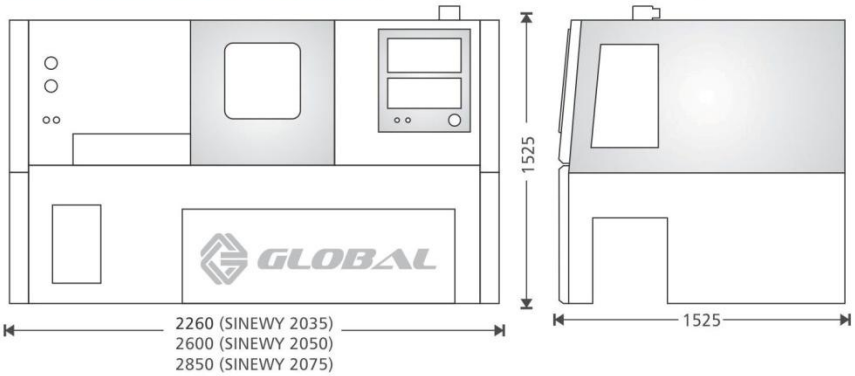
STANDARD FEATURES

- Roller Type Guideways
- Ground Ballscrew With Doublenut
- Foot Switch
- Tool Holders
- 8 Station Bi Directional Turret
- Hydraulic Chuck With Actuating Cylinder

OPTIONAL FEATURES

- Auto Door
- Patrol Light
- Stabilizer
- Chip Conveyor
- Hydraulic Collet Chuck
- Bar Feed System
- Steady Rest
- All Possible Customization

MACHINE DIMENSIONS (SINEWY 2035 / 2050 / 2075)



** The continuous improvements in machine design may change the specifications/features and to be reconfirmed at the time of ordering.

**All dimensions are in mm.

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