

**MINIMATIC**<sup>TM</sup>

**CNC TURNING CENTER**



### Features

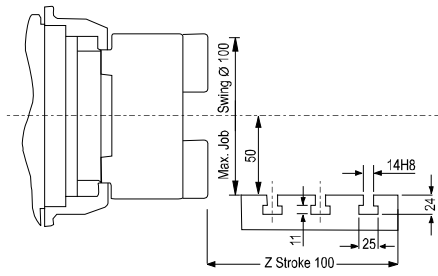
- Regid Ribbed Graded Cast Iron Structure
- 45° Slanted Bed
- Precision LM Guide Ways & Ball Screw
- Siemens 808 D Controller
- Servo Motor & Ball Screw Direct Flexible Coupled
- Precision Cartridge Spindle
- Gang Type Toolings

### Best Usage

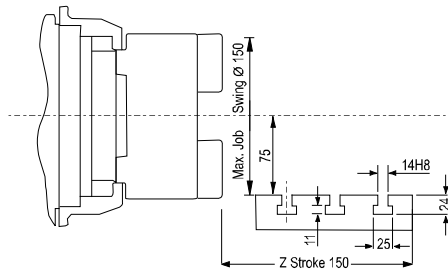
- Auto Components
- Brass Parts
- Hardware Parts
- Industrial Components
- Jewellery
- Machine Tools
- Medical Implants



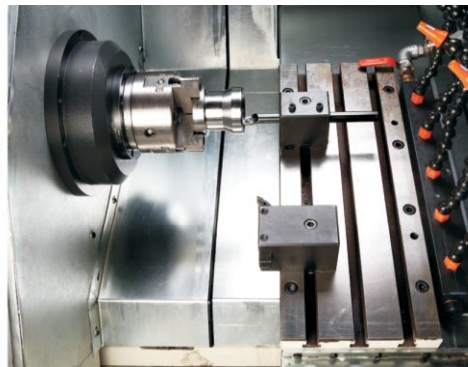
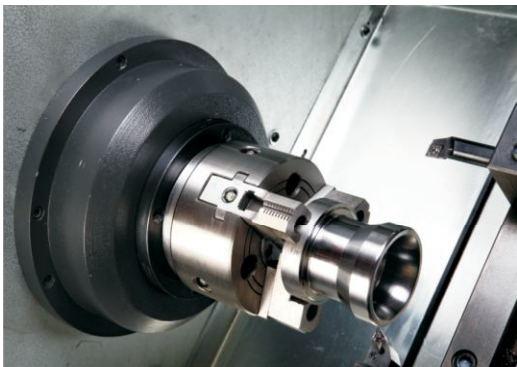
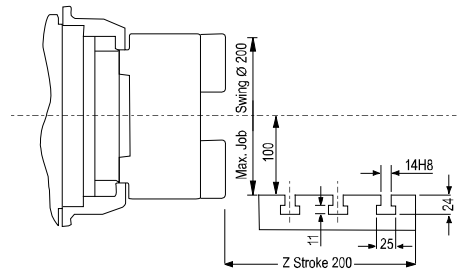
### MGT 50



### MGT 100



### MGT 150



Technical Specification				
CAPACITY		MGT - 50	MGT-100	MGT-150
Swing Over Bed	mm	ø100	ø150	ø200
Max turn length	mm	75	150	150
Max turn diameter	mm	ø50	ø100	ø150
AXIS SLIDES				
X Axis Travel	mm	150	300	350
Z Axis Travel	mm	100	150	200
Rapid feed ( X & Z Axis)	M/min	20	20	20
SPINDLE				
Spindle Motor	Kw	1.5 Kw/2 HP	3.7 Kw/5.0 HP*	5.6 Kw/7.5 HP*
Spindle nose	-	A2-3	A2-4	A2-5
Hole through spindle	mm	28	32	32
Max. Bar Capacity	mm	18	20	20
Spindle speed range	rpm	4500**	4000**	3500**
TOOLING ( Gang Type )				
Tool Shank ( Cross Section )	mm	16 x 16	20 x 20	25 x 25
Tool Shank Round	mm	20	25	32
ACCURACY				
Position Accuracy	mm	0.01	0.01	0.01
Repeatability	mm	± 0.005	± 0.005	± 0.005
MACHINE DIMENSION				
Dimension ( L x B x H )	mm	1400 x 750 x 1400	1900 x 1250 x 1525	1900 x 1350 x 1700
Weight (Approx)	Kg.	1000	2200	2500
CONTROLLER		Siemens 808D	Siemens 808D	Siemens 808D

#### STANDARD FEATURES & ACCESSORIES

- 3 Jaw Power operated chuck ø125mm
- Hydraulic Power Pack with Accumulator
- Linear Motion Precision Guideways
- Centralised Programmable Lubrication System
- Auto & Manual Coolant System
- Coolant Assembly with Chip Tray
- Fully Machine Enclosure
- Axial Tool Holder- 2 Nos.
- Boring Tool Holder - 1 No.
- Instruction & Operating Manual

#### OPTIONAL ACCESSORIES

- Power Stabilizer
- Panel AC
- Chip Conveyor
- Bar Feeder & Bar Puller
- Hydraulic Hollow Cylinder
- Auto Door
- Auto Loader
- Tooling Solutions

#### CNC CONTROLLER

The standard system supplied with Siemens latest System 808D.

\* In Siemens 828D Controller Servo Spindle available.  
\*\* Spindle Speed range as per customer requirement.  
Design and Development are subject to change without prior notice.



## MINIMATIC MACHINES

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