

GF Turn Master Series

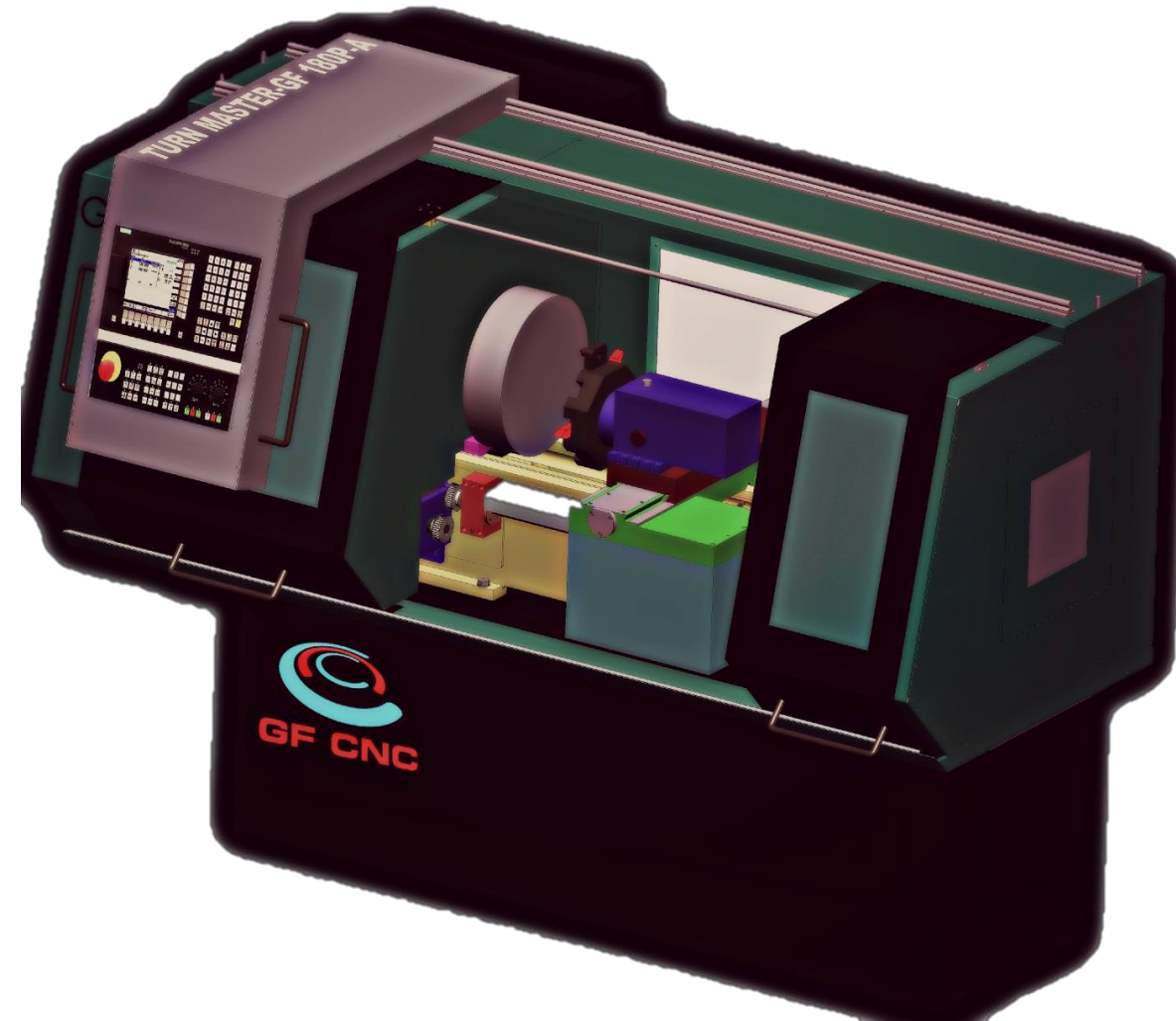
CNC Turn Master GF 180 P - A



This CNC lathe has great rigidity and great accuracy in its performance. The whole machine has been built with high quality components and material manufactured to conform to the highest modern standards.

Main features

- High speed headstock and slides
- Excellent cutting performance, quiet Running and quality finishing
- Flexible and easy to use
- High reliability
- Very versatile for machining big diameters and lengths
- Adaptable to any type of turning application
- Versatility for the most demanding jobs
- Various CNC control system and software packages and quality electrics
- Tasted as per IS 6040–1983(Reaffirmed-2003)



Capacity:

Width of Bed	305 mm
Admit between Center	650 mm
Swing over bed	ø 360 mm
Swing over Cross Slide	ø 165 mm
Height of Center	180mm
Chuck Dia.	165mm/200mm

Head Stock:

Spindle Nose	A2-5
Bore Through Spindle	42mm
Bar Capacity	ø 40mm
Spindle rpm (Max.)	4000
Spindle Bearings	Grease / Oil Lubricated
Spindle Motor	5HP

Tail Stock:

Quill Dia	55 mm
Taper	MT 3
Stroke	50 mm

X Axis:

Max. Travel	± 200 mm (Either Direction)
Ball Screw	ø 25x5 P
Feed Rate	Infinitely Variable
Rapid	15 M/Min
Motor Power	1 KW
Motor Torque	4.8 Nm

Z Axis:

Max. Travel	650 mm
Ball Screw	ø 32x10 P
Feed Rate	Infinitely Variable
Rapid	20 M/Min
Motor Power	1.5 KW
Motor Torque	7.1 Nm

Accuracy:

Positioning Accuracy	0.008
Repeatability	0.005

Coolant:

Motor Power	0.18 KW
Capacity	63 LPM

Other Data:

Over All Dimension	2430 x 1300 x 1400
Net Weight (Approx.)	1500 kgs
Power Requirement	415Vac +/-10%,
Controller	Siemens 808D

Standard Features

- Chip collector tray with splash guard
- Centralized Lubrication
- Chuck guard
- Dead Centre MT3 (2 Nos.)
- Taper Sleeve- MT5/3
- Ball screw & Motor guards
- Siemens 808D

Optional Features

- 8 Station Turret
- Hydraulic Chuck
- Hydraulic tailstock
- Hydraulic Power pack
- Revolving center-MT3
- Steady Rest
- Follow Rest
- Back Plate for chuck
- Rear tool post base
- Face Plate
- Machine lamp

Note: All above information is subject to change arising out of continuous product improvement .The description standard accessories/features conforms to its list: not photo of machine shown in catalogue.



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