

SIMPLETURN - 40100



Ace Digi Salient Features

- "Quick N Easy" intensive graphical aid programming with GUI
- Easy to create profile with contour programming with no need for remembering G Codes
- Built-in tool life management
- Dynamic help for machine parameters and PLC status
- Dynamic load chart for spindle and axes
- Pictorial help for alarms and messages with cause and remedy
- Dynamic line simulation of programmed path
- Display in regional language to ease the operator (Kannada/Tamil/Telugu & Hindi)



Gearbox (optional)



It is designed to give two useful ranges of continuous and infinitely varying speeds.

These features help in getting high torque and heavy cuts through the entire range of power output.

Standard Accessories

- Direct Drive Spindle
- 4 Station vertical axis turret
- Coolant Equipment
- Machine Lamp
- MT-4 Dead Center
- Electronic Hand wheels at apron
- Automatic Slideway Lubrication
- Manual Tailstock
- Operator Tools

Optional Accessories

- Spindle With Gearbox
- Drive plate accessories
- Revolving Centre for tailstock
- Manual Roller steady rest
- Follow Rest : Roller / Bush type
- Manual Chuck
- Hydraulic Chuck and cylinder
- Hydraulic tailstock
- Basic spares for two years running
- Running spares for one year- specifically for cast iron dry machining environment.

SPECIFICATIONS

SIMPLETURN-40100

Capacity	
Swing Over Bed	400 mm
Swing over cross slide	200 mm
Maximum Turning Length	870 mm
Distance between centres	1000 mm
Control System	
	Fanuc Oi-Mate TD Siemens 828D Basic -T Ace Digi - 2010**
Spindle	
Spindle Nose	A2-5
Max. Bar Capacity (w/o Gearbox)	25 mm
Max. Bar Capacity (w/ Gearbox*)	25 mm
Bore through Spindle (w/o Gearbox)	47 mm
Bore through Spindle (w/ Gearbox*)	40 mm
Max. Spindle Speed	2500 rpm
Spindle Motor Power(Continuous Rating)	5.5 kW
Full Power Range (w/o gearbox)	960 - 2500 rpm
Full Power Range (w/ gearbox)	300 - 870 & 870-2500 rpm
Axes	
Type of Guideways	V & Flat Guideways
X-Axis Stroke	200 mm
Z-Axis Stroke	940 mm
X & Z Axes Rapid Rate	8 m/min.
Tooling	
Turret Type	4 Station vertical Axes
Number of Tools Maximum	4
Boring Bar Dia Maximum	25 mm
OD Turning Tool Size	20 x 20 mm
Tailstock	
Tailstock Center Type	Add on
Tailstock Quill Travel	140 mm
Tailstock Quill Dia.	63 mm
Quill Taper	MT-4
Coolant Tank Capacity	110 litre
Overall Machine Dimensions(L x W x H)	2500 X 1650 X 1800 mm
Overall Weight (Without Packing)	~ 2750 kg

** Specifications on request

()- Values mentioned brackets are optional

*With appropriate workholding

Owing to continuous up-gradation of our products, the specification may change and to be reconfirmed at the time of ordering. Features shown may not be part of the standard equipment.

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