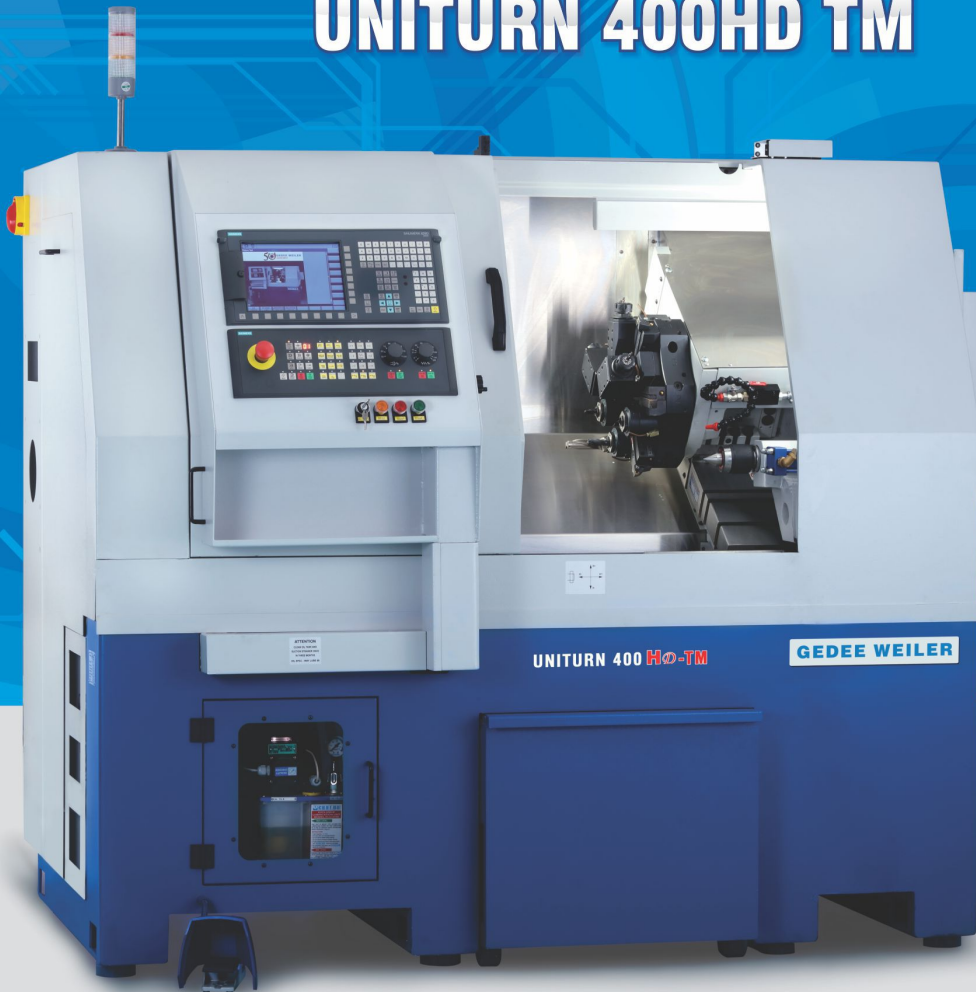




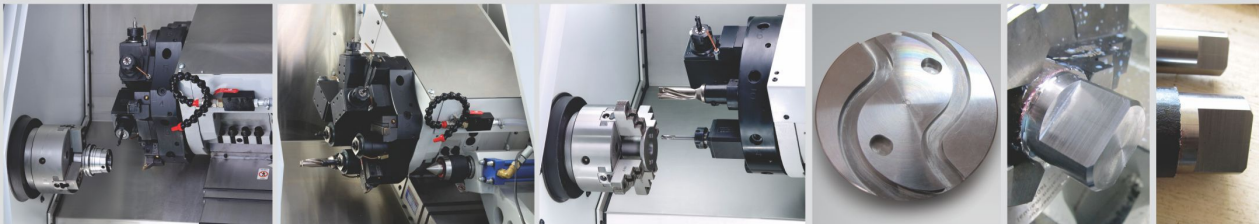
COMPACT
CNC TURN MILL CENTRE

RIGID PRECISE MULTITASKING AND LARGE UNITURN 400HD TM



SALIENT FEATURES

Rigid construction | Legendary precision | Wide choice of turrets & controllers



INDIA'S No.1 EXPORTER of lathes to GERMANY

GEDEE WEILER

A CUT ABOVE THE REST

UNITURN 400 **HD** TM - TECHNICAL SPECIFICATIONS

DESCRIPTION		UNIT	UT-42 TM
CAPACITY	Swing over bed- dia	mm	475
	Swing over cross slide cover-dia	mm	225
	Admit Between centers min/max	mm	30/350
	Maximum turning dia.& Length	mm	170 x 320
	Maximum bar capacity-dia	mm	42
SPINDLE	Chuck size-dia	mm	165
	Spindle through bore-dia	mm	58
	Spindle nose DIN 55026	type	A2-5 LB
	Spindle Speed	rpm	50-4000
	Spindle C axis (Live Tool)		Continuous Feed
TRAVEL	X axis travel	mm	155
	Z axis travel	mm	590
FEED RATE	Rapid traverse X axis	mts./min	20
	Rapid traverse Z axis	mts./min	25
	Feed Rate	mm/min	6000
TURRET	No. of tool positions	No	12-2 pitch diameter
	Tool Shank size	mm	20 x 20
	Boring Bar size-dia	mm	32
LIVE TOOL TURRET (Optional)	Live Tool Motor		Siemens - 12 Nm - 4500 rpm / Fanuc - α12is - 4000 rpm / Mitsubishi - HF224S - 3000 rpm
	Live Tool speed	RPM	50-3000
	Tool Shank		VDI 30 (DIN 5480) Spoorthi/WTO
TAILSTOCK	Quill dia	mm	60
	Quill Stroke	mm	100
	Quill Taper	type	MT5
MACHINE SIZE	Floor Space(L x W x H)	mm	2200x1700x2050
	Machine Weight (Approx)	kg	2000
CNC CONTROLLER	Siemens/Fanuc/Mitsubishi	type	828D /Oi TF/ E-70
MOTOR POWER	Spindle motor rated power (Continuous rating)	KW	V2-5.5 KW Siemens/ Fanuc / Mit

STANDARD ACCESSORIES

- Hydraulic 165X3 Jaw chuck and Closed cylinder
- One set of soft jaws
- Hydraulic Tailstock
- Hydraulic Power pack
- Coolant supply equipment
- Centralized lubrication equipment
- Chip trolley
- Work light
- Foot Switch for Chuck
- 12 Station-2 Pitch disc bidirectional "PRAGATI DTT 80" Live tool Turret

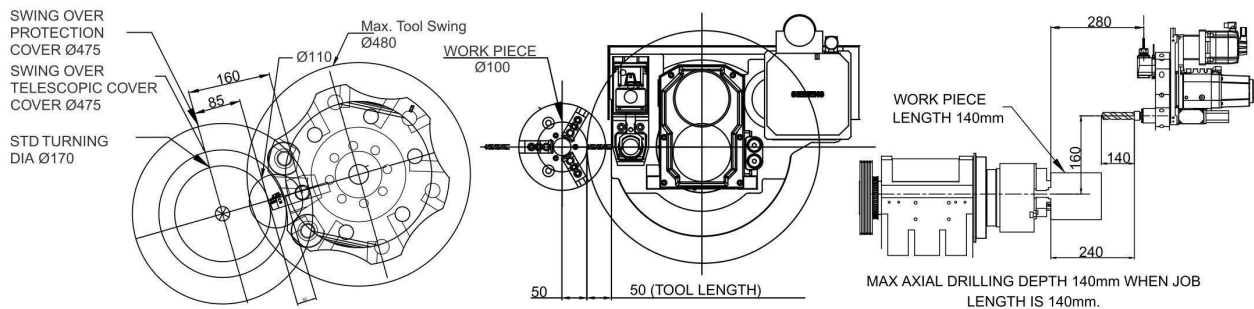
TOOL HOLDERS

- RH Turning - 4
- RH Radial (Reverse) - 1
- RH Axial Tool Holder - 1
- Boring Tool Holder - 4(16,20,25,30,32)
- Boring Bar Dia 30x16, 30x20, 30x32
- Set of Machine Mounting pads

OPTIONAL ACCESSORIES

- Chip Conveyor
- Coolant gun
- Panel A/C
- Parts catcher/Tray
- Air Blast for Chuck jaw cleaning
- Aden Lamp (Yellow/Red/Green)
- Additional boring sleeves
- Collet chuck (Dead length/5C attachment)
- Hollow cylinder
- Axial Live Tool Head
- Radial Live Tool Head
- Foot switch for tailstock

UNITURN 400 **HD** TM - TOOL INTERFERENCE DIAGRAM (DTT 80 WITH 12 STATION-2 PITCH)



Max turning Ø170 when turning tool holder is mounted on the inner PCD (240mm). Max Turning (Ø100) when turning tool holder mounted on outer PCD (308mm).

During facing max diameter should not exceed Ø110mm when facing tool holder is mounted on inner pcd 240mm and two adjacent holders are either turning or boring holders).

Max drill length 50mm on offset radial live tool head when job diameter(Ø100mm) for radial drilling when using offset radial tool holder.

Note: Please consult us with component drawings, operations required for selection of suitable specification and features.



Programming software, reduce your machining time without altering your existing setup of speed and feed (also on any existing machine).

Cutting tools. Improve your product quality and reduce production cost through enhanced tool life.

Note : Due to continuous upgradation of our products, the specifications are subject to change without notice.

GEDEE WEILER

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