



Legacy continues..

FLEXIBLE. PRECISE. PRODUCTIVE

FLEXIBLE AND COMPACT CNC LATHES

FLEXIBLE CNC LATHES



FLEX TURN-Neo TWIN

FLEX TURN-Neo


MADE IN INDIA
MADE FOR THE WORLD

INDIA'S No.1 EXPORTER of lathes to GERMANY

GEDEE WEILER

A CUT ABOVE THE REST

"FLEXTURN-Neo " TECHNICAL SPECIFICATIONS

DESCRIPTION		UNITS	FT-25	FT-32	FT-42	FT-51
CAPACITY	Swing over ("Z" Axis cover) dia+B4:B31	mm	380			
	Swing over cross slide cover -Dia	mm	160			
	Optimum turning Dia	mm	100	140		
	Max bar capacity Dia	mm	25*	32*	42*	51*
SPINDLE	Chuck size - Dia	mm	135	165		200
	Spindle speed	rpm	50-4000			
	Spindle nose DIN 55026	type	A2-4	A2-5	A2-5LB	A2-6
	Spindle through bore	mm	38	42	58	63
TRAVEL	X axis travel	mm	200			
	Z axis travel	mm	Short - 265mm (S) Long - 340mm (L)			
FEED RATE	Rapid traverse X axis	mts/min	20			
	Rapid traverse Z axis	mts/min	25			
	Feed rate	mm/min	6000			
TOOLING	Tooling System	type	Linear Tooling / Bi - directional Turret			
	No of tool positions of turret	No	8			
	Tool shank size (for both turret & linear tooling)	mm	20 x 20			
	Boring bar size of Turret (Dia)	mm	32			
	Boring bar size of linear tooling (Dia)	mm	25			
MACHINE SIZE	Floor space (L x W x H)	mm	1900 x 1800 x 1540			
	Machine weight (approx)	kg	1800			
CNC CONTROL	Siemens / Fanuc / Mitsubishi	type	808D PPU161 / 828D / Oi TF / E-80			
MOTOR POWER	Spindle motor rated power (Continuous rating)	kw	V1-3.7KW (Siemens / Fanuc / Mitsubishi)			
			V2-5.5KW (Siemens / Fanuc / Mitsubishi)			
			V3-7.5KW (Fanuc / Mitsubishi) 7KW Siemens			

* Max bar size vary with respect to draw bar bush thickness. NOTE : Due to continuous upgradation of our products, the specifications are subject to change without notice.

STANDARD ACCESSORIES

- Hydraulic chuck and Closed cylinder
- One set of soft jaws
- Hydraulic Power pack
- Coolant supply equipment
- Centralized lubrication equipment
- Chip trolley
- Work light
- Foot Switch
- Set of Manuals
- Set of mounting pads
- BTP 63 (in case of turret)
- Linear tool holder blocks
(in case of linear tooling)
- a) 2 turning holder blocks
- b) 2 boring holder blocks

OPTIONAL ACCESSORIES

- Chip Conveyor
- Coolant Gun
- Panel air conditioner
- Overhead coolant hose
- 165 dia. (2 jaw) power chuck
- Bar Puller (Mechanical)
- Parts catcher / Tray
- Aden Lamp (Yellow/Red/Green)
- Air blast for chuck jaw cleaning
- Collet chuck
- Hollow clamping cylinder
- 8 station bi-directional sauter turret with live tools
- GDW live tool
- Multi boring tool holder
- Double axial holder

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"FLEXTURN-Neo TWIN " TECHNICAL SPECIFICATIONS

DESCRIPTION		UNITS	FT-25	FT-32	FT-42	FT-51
CAPACITY	Swing over ("Z" Axis cover) dia	mm	380			
	Swing over cross slide cover -dia	mm	120			
SPINDLE - 1 (MAIN)	Chuck size - dia	mm	135	165		200
	Spindle speed	rpm	50-4000			
	Spindle nose DIN 55026	type	A2-4	A2-5	A2-5LB	A2-6
	Spindle through bore	mm	38	42	58	63
	Optimum turning dia	mm	100	120	120	120
	Max bar capacity dia	mm	25*	32*	42*	51*
	Chuck size - dia	mm	135	165	165	200
SPINDLE - 2 (SUB)	Spindle speed	rpm	50-4000		50-3000	
	Spindle nose DIN 55026	type	A2-4	A2-5	A2-5LB	A2-6
	Spindle through bore	mm	38	42	58	63
	Optimum turning dia	mm	100	120	120	120
	Max bar capacity dia	mm	25*	32*	42*	42*
	X axis travel	mm	200			
	Z axis travel (without chuck)	mm	600			
FEED RATE	Rapid traverse x axis	mts/min	20			
	Rapid traverse z axis	mts/min	25			
	Feed rate	mm/min	6000			
TOOLING	Tooling system	Type	Linear Tooling			
	Tool shank Size	mm	20 x 20			
	Boring bar size Dia	mm	25			
MACHINE SIZE	Floor space (L x W x H)	mm	2850 x 2600 x 2000			
	Machine weight (approx)	kg	3250			
CNC CONTROL	Siemens/Fanuc/Mitsubishi	type	808D PPU161 / 828D / Oi TF / E-80			
MOTOR POWER	SPINDLE -1 motor rated power (Continuous rating)	kw	V1-3.7KW (Siemens / Fanuc / Mitsubishi)			
			V2-5.5KW (Siemens / Fanuc / Mitsubishi)			
			V3-7.5KW (Fanuc /Mitsubishi) 7KW Siemens			
	SPINDLE -2 motor rated power (Continuous rating)	kw	V1-3.7KW (Siemens / Fanuc / Mitsubishi)			
			V2-5.5KW (Siemens / Fanuc / Mitsubishi)			
			V3-7.5KW (Fanuc / Mitsubishi) 7KW Siemens			

* Max bar size vary with respect to draw bar bush thickness. NOTE : Due to continuous upgradation of our products, the specifications are subject to change without notice.

STANDARD ACCESSORIES

- Hydraulic chuck and closed cylinder
- One set of soft jaws for each chuck
- Hydraulic power pack
- Coolant supply equipment
- Centralized lubrication equipment
- Work light
- Foot switch
- Set of Manuals
- Set of mounting pads
- Chip conveyor
- Linear tool holder blocks
 - a) 4 turning holder blocks
 - b) 4 boring holder blocks

OPTIONAL ACCESSORIES

- Coolant Gun
- Panel air conditioner
- Overhead coolant hose
- 165 dia. (2 jaw) power chuck
- Additional Turning and Boring tool holder
- Aden Lamp (Yellow/Red/Green)
- Air blast for chuck jaw cleaning
- Collect chuck
- Hollow clamping cylinder
- Multi boring tool holder
- Double axial holder

MAKE YOURSELF MORE COMPETITIVE WITH KELLER PROGRAMMING SOFTWARE & ARNO CUTTING TOOLS



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.