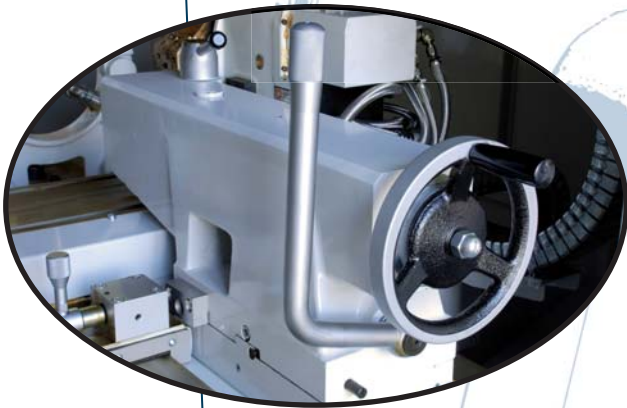


MITSEIKI TL Series CNC Lathes

2200, 2600 Series



Features

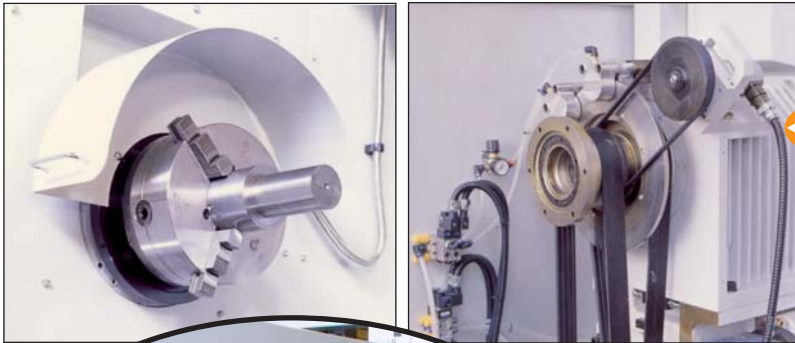
- Large swing over gap of 790 mm 2200 Series, 890 mm 2600 Series
- 550 / 650 mm swing over bed
- Up to 4 metres between centres
- Bore diameter options 82 / 106 mm
- Cross slide can accommodate V-turret & hydraulic 4-way tool post
- Rigid double box way slides, extra wide, induction hardened & precision ground
- Rapid traverse speed of 15 m/min.
- Fagor 8055 CNC controller (Fanuc & Siemens also available)
- High pressure coolant pump
- Repeatable accuracy ± 0.005 mm
- Powerful Fagor AC spindle motor: 11 / 15 kW, rigid and balanced headstock for high speed running and large loading capacity
- Large heavy duty tail stock
- Front guarding system
- Low volt control system • Portable MPG

Options / Accessories

- Steady rest (roller type), follow rest (bronze type)
- Various chuck options
- C-axis and power turret
- 15 / 22 kW motor
- Chip conveyor and wash down device
- Hydraulic tail stock quill
- Fanuc & Siemens controllers

MITSEIKI TL Series CNC Lathes

2200, 2600 Series



Large chucks are accommodated with ease and options include hydraulic chuck fitting & bar feeder systems.

▶ C-axis is an option available on request with braking system, upgraded spindle motor & controller.

The lathe is equipped with sliding doors and large viewing windows to ensure operator safety. The left door slides back over the lathe body to allow the operator easy access to the spindle. The front mounted operator panel also slides to any position irrespective of door position.

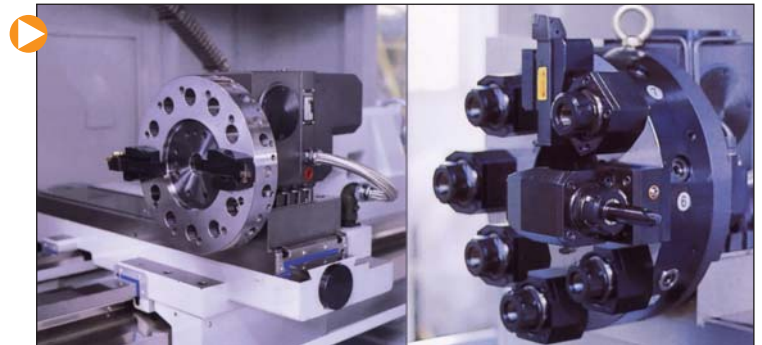


Large rear panels provide easy access for maintenance.

The large cross slide accommodates a QCTP or power V-turret. A hydraulic 4-way tool post is also available as an option and both can be mounted which offers versatility and increased production.

The lathe bed consists of a rugged heavily ribbed Meehanite casting construction with square box way slides for increased traverse rates. Bed ways are induction hardened and precision ground.

Large diameter ball screws are preloaded to ensure positioning & repeated accuracy.

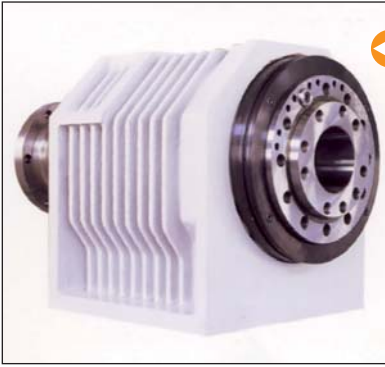


▶ The CNC control panel is mounted on a sliding panel in front of the machine doors. The Fagor 8055 controller provides a TFT colour screen and easily accessible controls.

Fanuc or Siemens controllers are also available.

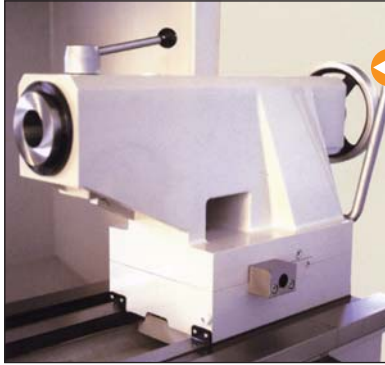


High pressure coolant pump



◀ Rigid and balanced headstock for high speed running and large loading capacity. An automatic two speed gearbox is available as an option.

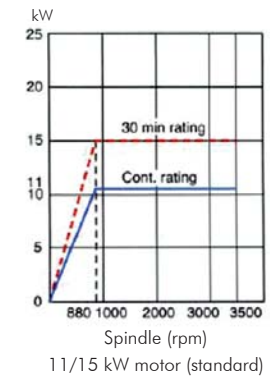
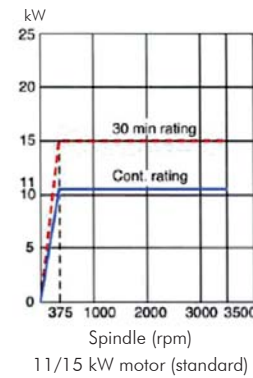
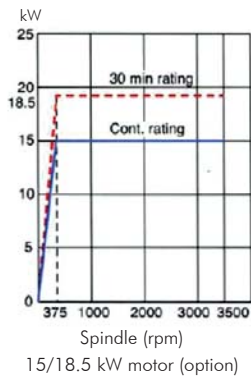
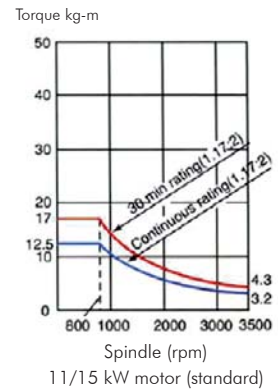
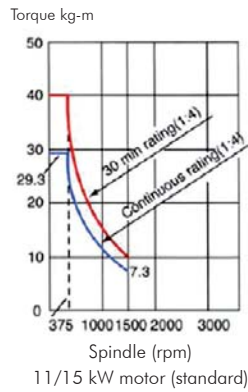
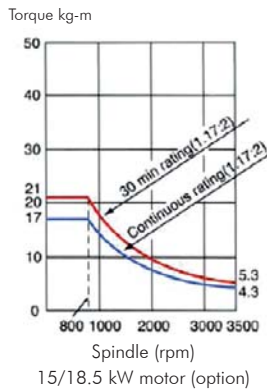
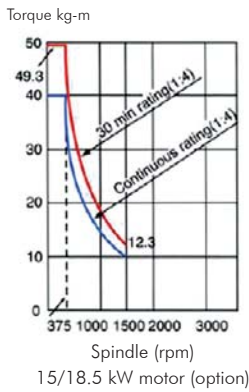
▶ The automatic lubrication pump is easily accessible and the level can be viewed through the clear protective cover.



◀ An extra long quill to ensure full cutting length even when the machine is equipped with a power turret. The heavy duty tail stock is ideal for carrying heavy work pieces.



Torque Chart



Images for illustration purposes. Specifications subject to change without notice.

TL 2200 & 2600 Series – Specifications

		TL-2200 Series	TL-2600 Series
Swing in gap		790 mm	890 mm
Swing over bed		550 mm	650 mm
Swing over cross slide		310 mm	410 mm
Max. turning length		1000 / 1500 / 2000 3000 / 4000 mm	1000 / 1500 / 2000 / 3000 / 4000 mm
Travel	Z axis	1150 / 1650 2150 / 3150 / 4150 mm	1150 / 1650 / 2150 / 3150 / 4150 mm
	X axis	300 mm	300 mm
Feed rate	Z axis rapid traverse	15 m/min	15 m/min
	X axis rapid traverse	15 m/min	15 m/min
	Jog feed	5 m/min	5 m/min
Spindle	Speed range	80~3500 rpm (80~2500 optional)	80~2500 rpm (82 / 106 mm bore)
	Chuck size (option)	250 mm (315)	315 mm (400)
	Spindle nose (ASA)	D1-8	D1-8
	Spindle hole diameter	82 / 106 mm (optional)	82 / 106 mm (optional)
	Motor power	11 / 15 kW (standard)	11 / 15 kW (standard), 15 / 22 kW (optional)
Turret (option)	No. of tool stations	V8 or H4	V8 or H4
	Shank height for square tool	25 mm	25 mm
	Shank dia. for boring bar	40 mm	40 mm
	Turret indexing time (one tool)	0.42 sec (Baruffaldi)	0.42 sec (Baruffaldi)
Accuracy	Positioning	± 0.005 mm	± 0.005 mm
	Repeatability	± 0.005 mm	± 0.005 mm
Slide	Bed width	405 mm	405 mm
	Cross slide guide width	215 mm	215 mm
Feed motor (Fagor)	X axis power	0.85 kW	0.85 kW
	Z axis power	1.8 kW	1.8 kW
Ball screw	X axis dia. pitch	32 x 5 mm - C5	32 x 5 mm - C5
	Z axis dia. pitch	50 x 10 mm - C5	45 x 10 [40, 60, 80] 50 x 10 [120, 160] mm - C5
Tail stock	Movement	manual	manual
	Quill movement	manual / hydraulic (optional)	manual / hydraulic (optional)
	Quill stroke	150 mm	150 mm
	Stroke diameter	80 mm	80 mm
	Quill inside taper	MT5	MT5
Coolant	Pump motor	460 W	460 W
	Pump capacity	70 L/min.	70 L/min.
	Pump pressure	2.7 kg/cm ²	2.7 kg/cm ²
	Tank capacity	100 litres	100 litres
Lubrication	Pump motor	25 W	25 W
	Pump capacity	130 cc/min.	130 cc/min.
Weight		3800 / 4300 / 4800 / 6250 / 7500 kg	4150 / 4650 / 5150 / 6450 / 7800 kg
Dimension		3000/3500/4000 x 2300 x 1800 mm	length: 3370 / 3900 / 4400 / 5190 / 6190 mm
		5190 x 2290 x 2600 mm (22120)	
		6190 x 2290 x 2600 mm (22160)	



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