

**Machine Specification:**

MODEL	LT-05	LT-06	LT-08
<b>CAPACITY</b>			
Swing over bed	300 mm	480 mm	560 mm
Max cutting dia.	230 mm	260 mm	460 mm
<b>SPINDLE</b>			
Spindle nose	A2-5	A2-6/A2-8 (opt.)	A2-8
Spindle bore dia.	58 mm	62 mm / 87 mm-opt.	87 mm / 102 mm-opt.
Spindle speed	6000 rpm	4500 rpm / 3500 rpm-opt.	3500 rpm / 3000 rpm-opt.
Bar capacity	45 mm (1.77")	52 mm / 75 mm-opt.	75 mm / 90 mm-opt.
Chuck size	6"	8" / 10" (opt.)	10"/12"(opt.)
<b>TRAVEL</b>			
X axis	150 mm (125+25 mm)	175 mm (150+25 mm)	275 mm (240+35 mm)
Z axis	275 mm	540 mm	730 mm / 1230 mm
<b>FEEDS</b>			
Rapid traverse-X axis	15 m/min (590 ipm)	15 m/min (590 ipm)	15 m/min (590 ipm)
Rapid traverse-Z axis	30 m/min (1181 ipm)	30 m/min (1181 ipm)	30 m/min (1181 ipm)
<b>TURRET</b>			
Type	Hydraulic	Electric	Hydraulic
Number of tools	8	8/12	8/10/12
Tools shank	20 mm	25 mm	25 mm
Boring bar size	25 mm	32 mm	40 mm
<b>TAILSTOCK</b>			
Tailstock body travel	350 mm	330 mm	830 mm / 1330 mm
Quill travel	60 mm	75 mm	100 mm
Quill dia.	70 mm	70 mm	80 mm
Quill taper	MT#4	MT#4	MT#5

• The above specifications subject to change without prior notice.



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**JESSEY**®

***Lionet*** Series



**CNC LATHE**

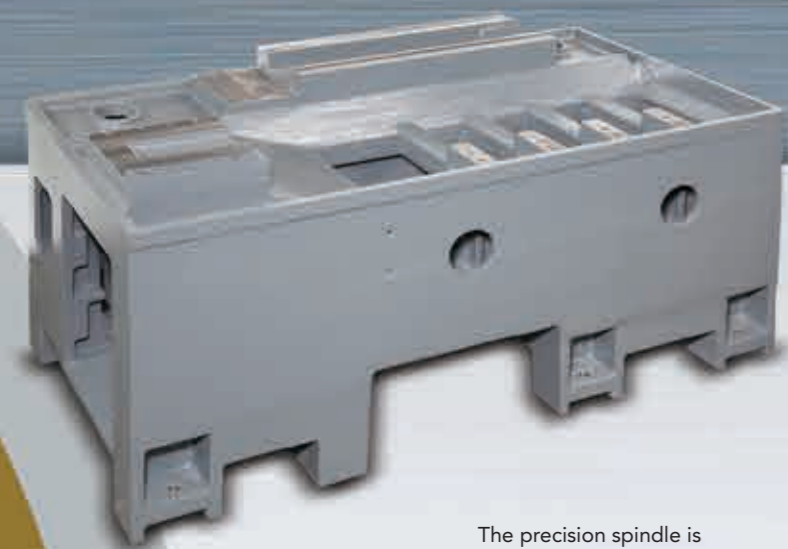
**LT-05 • LT-06 • LT-08**

The Performance You've Come to Expect



### Optimal Base Structure for Guaranteed Stability

- The massive box type is manufactured from high quality mechanize cast iron, scientifically rib reinforced to assure the best possible rigidity and stability.
- The base is stress relieved to give lifetime deformation-free service.
- Extra wide span between slideways provide added stability during cutting. All slideways are hardened and precision ground.



The precision spindle is supported in P4 grade angular contact ball bearing and roller bearing to meet the needs of heavy turning.

X, Z-axis ball screws are directly coupled to AC servo motors.

Hydraulic 8-station turret is standard.

Linear guideways on saddle and base.

Slant saddle construction assures maximum stability for heavy duty machining

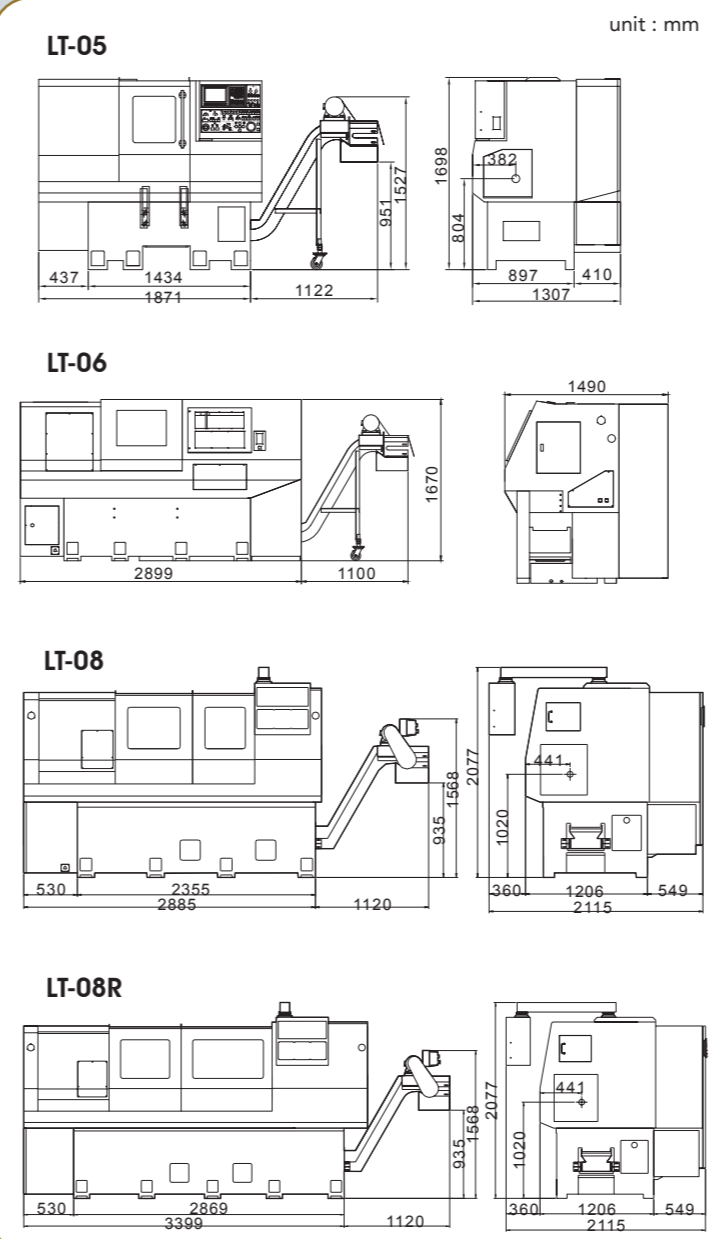
#### Hydraulic Tailstock

- The quill of the tailstock is conveniently adjusted by hydraulic power
- The hydraulic tailstock is standard equipment

Massive bed, saddle and headstock are manufactured from stress relieved Meehanite cast iron.

Automatic central lubrication system for all linear guideways and ballscrews.

### Dimensional Drawings



### Tool Travel Range

