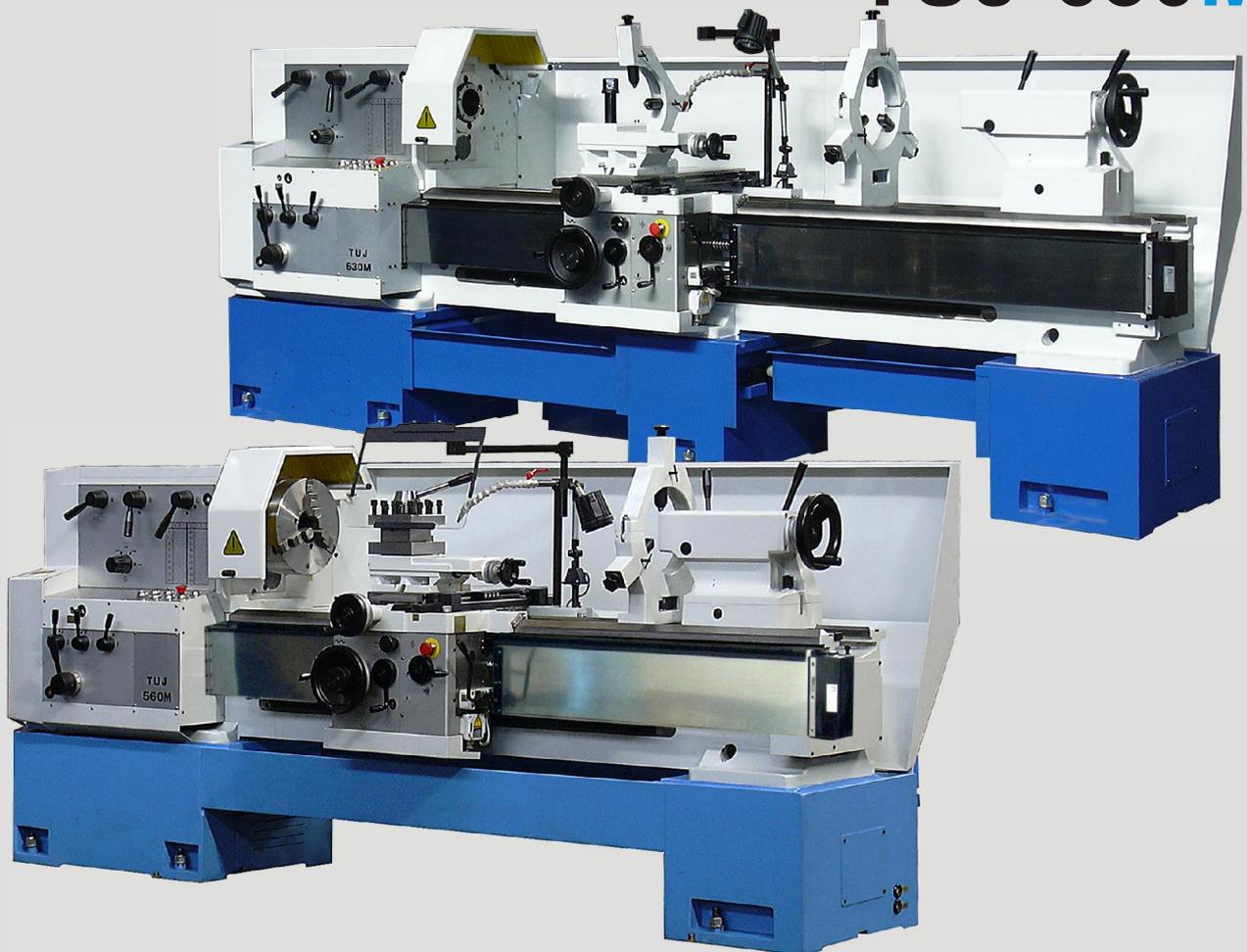


UNIVERSAL CENTRE LATHE

TUJ-560M

TUJ-630M



- The TUJ-560M and TUJ-630M is a universal lathe, suitable especially for repair workshops because of its versatility and high range of equipment.
- High power of driving motor and machine's rigid construction allow turning with high-speed steel tools, sintered carbide tools and ceramic plate tools.
- The TUJ-560M and TUJ-630M have electromagnetic clutch and brake release
- Spindle speed range ensures economical lathe operating while roughing and after machining on cast iron, steel and non-ferrous metals
- Universal feed box and lathe kinematics allows execution of a wide range of threads: metric, screw, modular
- Standard lathe version TUJ-560M and TUJ-630M are manufactured in metric system with spindle nose C11.

TECHNICAL DATA

TUJ-560M TUJ-630M

Length indication
L=1500 L=2000 L=3000

WORKING AREA

Distance between centres	mm	1440; 1940; 2940
Max. turning length	mm	1350; 1850; 2850
Swing over bed	mm	560 630
Swing over cross slide	mm	370 440
Swing in gap	mm	800 870
Length of gap in front of driver plate - option	mm	250
Width of top cradle part - option	mm	370
Max. weight of detail fixed in centres	kg	300
Max. weight of detail fixed in chuck Ø315 and supported by tailstock	kg	600
Max. weight of detail fixed in chuck Ø315 and supported by steady rest	kg	800
Suds sump capacity	dm ³	30

HEADSTOCK

Spindle nose PN-ISO-702-3		C11
Spindle bore	mm	90
Metrical spindle taper	mm	100
Spindle speed range	rot/min	20 - 1600
Main drive motor	kW	11

TAILSTOCK

Quill travel	mm	180
Quill inner taper	Morse'a	5B

FEEDS

Range of longitudinal feed rates	mm/rot	0,038 - 4,4
Range of transversal feed rates	mm/rot	0,019 - 2,2

THREADS

Range of metric threads	mm	0,25 - 28
Range of inch threads	t.p.i.	112 - 1
Range of module threads	πmm	0,25 - 28
Range of diametral pitch threads	DP	112 - 1

OVERALL DIMENSIONS

Length	mm	3270; 3770; 4770
Width	mm	1270
Height	mm	1350 1385

WEIGHT	kg	2760; 3150; 3695
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STANDARD EQUIPMENT

(included in price)

1. 3-jaw chuck Ø315mm with spanner
2. Four-way toolpost
3. Driver
4. 3 and 4 jaw chuck guards
5. Front chip guard
6. Complete coolant system with electric pump
7. Rapid travel of longitudinal slide
8. Lamp
9. Quadrant change gears -for metric version:
Z=42, 69,73,84,86,92,108 (for TUJ-560M)
Z=42,73,81,84,86,108 (for TUJ-630M)
10. Rotary center with Morse taper no. 5
11. Levelling plates
12. Foundation bolts with washers and nuts
13. Set of spanners
14. Roller guard extra charged
15. Operation manual and spare parts catalogue
16. CE declatation
17. Power supply 3x400V, 50Hz
18. Foil cover with a base

OPTIONAL EQUIPMENT

(available at additional cost)

1. Thread dial indicator
2. Taper turning attachment
3. Undercutting tool post
4. Steady slide rest Ø15-250mm
5. Roller jaw steady rest, Ø10-150mm
6. Roller jaw steady rest, Ø60-250mm
7. Follow rest Ø15-250mm
8. Quadrant change gears for metric version
Z=48,54,63,76 (for TUJ-560M)
Z=48,62,76,92,93,124 (for TUJ-630M)
9. Face plate Ø 560mm with T-slots
10. 4-jaw chuck Ø400 with spanner
11. Digital read-out for X and Y axis
12. Start-up and training within machine operation at customer site (one day + traveling costs)
13. Machine transportation to the customer (counted both ways).

SPECIAL VERSION

(available at additional cost)

1. Full inch version alternative to the metric system
2. Cradle with a bridge
3. Quick change toolpost type „C ”- optional

Note:

Some of the standard and optional equipment is mounted on the lathe.

We reserve all rights to bring changes without notifying



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