

# otomat SERVO AUTOMATIC CONVENTIONAL LATHE

The best partner for the automation of conventional lathe machine

Automatic cutting with axial servo control system

Maintains the operating mode of a conventional lathe

Automatic **Turning / Taper / Threading**

No need to install D.R.O.

No need to install a Taper turning attachment.

Easy to learn and use

7" Touch screen



## Specifications

Model		OT-430T	OT-470T	OT-530T	OT-560T	OT-660T
Swing Over Bed	mm	430	470	520	560	660
Swing Over CrossSlide	mm	240	280	330	340	440
Center Distance	mm	760/1000/1500	760/1000/1500/2000	1000/1500/2000	1000/1500	1000/1500
Swing Over Gap	mm	650	690	740	788	890
Bed Width	mm	300			350	
Spindle Nose		D1-6 / D1-8(Opt.)		D1-8		
Spindle Bore	mm	58 / 78 ( Opt.)		78	85	
Taper of Spindle Bore		MT6 / MT7 (Opt.)		MT7		
Spindle Speed	rpm	20~2000 rpm (12 steps)			15~1500 rpm (12 steps)	
Inch Threads Range	TPI	4~56 TPI			2~56 TPI	
Metric Threads Range	mm	P0.5~P7 mm			P0.5~P14 mm	
Longitudinal Feeds Range	mm	0.05~0.82 mm			0.05~0.82 mm	
Cross Feeds Range	mm	0.02~0.4 mm			0.02~0.4 mm	
Leadscrew Diameter	mm	35			38	
Leadscrew Pitch		4 TPI or 6mm			4 TPI or 6mm	
Taper of Tail Center		MT4			MT5	
Tail Spindle Travel	mm	150			165	
Tail Spindle Diameter	mm	58	68		75	
Main Drive Motor	HP	5 / 7.5 (Opt.)	7.5 / 10 (Opt.)		7.5 / 10 (Opt.)	
Coolant Pump	HP	1/8				
Compound Rest Travel	mm	125			200	
Cross Slide Travel	mm	245		275	300	
Machine Dimensions	cm	189/245/265x81x119	189/245/265/317x81x122	245/265/317x81x125	229/298x99x125	229/298x99x130
Net Weight	kgs	1680/1760/2050	1720/1800/2075/2380	1810/2135/2440	2000/2400	2250/2450
Gross Weight	kgs	1780/1860/2200	1820/1900/2225/2530	1910/2285/2590	2350/2550	2400/2600

### Standard accessories

- Centers
- Back plate
- Tools and tool box
- Operate manual and parts list
- Coolant system
- 4 way tool post

### Optional accessories

- 3 Jaw scroll chuck
- 4 Jaw independent chuck
- Face plate
- Steady rest
- Follow rest
- Change gears for D.P and module thread
- Chuck guard
- Rear splash guard
- Work light
- Quick change tool post
- Chip guard