



Chester Turning Centre • HAWK TC-150MSY - TC-150MSYL



Standard Accessories:

- ✓ Siemens 828D
- ✓ Shopturn
- ✓ MPG
- ✓ 6000rpm built-in spindle(Siemens 828D)
- ✓ 12 position BMT55 living turret
- ✓ 6" hollow hydraulic chuck with 1 set soft jaw
- ✓ Hollow hydraulic cylinder
- ✓ Servo Tailstock (TC-150MSYL only)
- ✓ Hydraulic System
- ✓ Heat exchanger
- ✓ Auto chip conveyer & chip chart
- ✓ Auto Oil Lubrication System
- ✓ Tri-Color Light
- ✓ Air Gun
- ✓ Door Lock Switch
- ✓ Lighting Lamp
- ✓ Full Enclosure Splash Guard
- ✓ Telescopic Covers

Optional Accessories:

- ☐ FANUC Oi TF(5) CNC system
- ☐ Parts Catcher
- ☐ Barfeed Interface
- ☐ M30 Auto Power Off



Technical Specifications

Model	TC-150MSY	TC-150MSYL
Processing Range		
Max. turning diameter	Φ620mm	Φ620mm
Max. cutting diameter	Φ300mm	Φ300mm
Max. cutting length	300mm	550mm
Spindle		
Max. spindle speed	6000rpm	6000rpm
Spindle Power	11/15kW	11/15kW
Spindle Nose	A2-6	A2-6
Spindle Bore	Φ56mm	Φ56mm
Max. bar capacity	Φ44mm	Φ44mm
Spindle Taper	Morse 6#	Morse 6#
Hydraulic chuck	6" (Hollow)	6" (Hollow)
Height from spindle center to ground	1060mm	1060mm
Travel		
Travel X1/X2	210mm (X)	210mm (X)
Travel Z1/Z2	400mm (Z)	600mm (Z)
Travel Y	105(±52.5)mm	105(±52.5)mm
Travel Speed X1/X2	30 m/min (X)	30 m/min (X)
Travel Speed Z1/Z2	30 m/min (Z)	30 m/min (Z)
Travel Speed Y	10m/min	10m/min
Upper/lower tool rest		
Tool position	12mm (BMT55)	12mm (BMT55)
Max. live tool speed	6000rpm	6000rpm
Turning tool shank size	25 x 25mm	25 x 25mm
Boring tool holder diameter	Φ32mm	Φ32mm
Max. drilling capacity	Φ14×0.16mm	Φ14×0.16mm
Max. tapping capacity	M10×1.5/M24×1mm	M10×1.5/M24×1mm
Max. milling capacity	Φ16×12×40mm	Φ16×12×40mm
Machining accuracy		
Positioning accuracy X/Z/Y/C	0.008/ 0.008/ 0.008mm/51"	0.008/ 0.008/ 0.008mm/51"
Repeatability accuracy X/Z/Y/C	0.004/0.004/0.004m/20"	0.004/0.004/0.004m/20"
Other		
Power capacity	45kVa	45kVa
Dimensions (L x W x H)	3855×1940×1950mm	3855×1940×1950mm
Weight	3800kg	4200kg