



Standard Accessories:

- Siemens 828D
- Shopturn
- MPG
- 6000rpm belt drive spindle (Siemens 828D) *(TC-150-150L only)*
- 5000rpm belt drive spindle (Siemens 828D) *(TC-200 & TC-200L only)*
- 4000rpm belt drive spindle (Siemens 828D) *(TC-200 Plus only)*
- 8 position servo turret *(TC-150-200 & 200L only)*
- 12 position hydraulic turret *(TC-200 Plus only)*
- 6" hollow hydraulic chuck with 1 set soft jaw *(TC-150-150L only)*
- 8 position hydraulic turret *(TC-200 only)*
- 12 position hydraulic turret *(TC-200 Plus only)*
- 10" hollow chuck and cylinder *(TC-200L only)*
- Roller guideway *(TC-200 Plus only)*
- Hollow hydraulic cylinder
- Hydraulic system
- Heat exchanger *(TC-200 Plus & 200L only)*
- Auto chip conveyer (rear) & chip cart
- Auto oil lubrication system
- Tri-color light
- Air Gun
- Door lock switch *(TC-200 & 200L only)*
- Power on/off indicator on electric cabinet door *(TC-200 Plus only)*
- Lighting lamp
- Full enclosure splash guard
- Telescopic covers

Optional Accessories:

- FANUC 0i TF(5) CNC system
- Auto Parts Catcher
- Bar feeder Interface
- M30 Auto Power Off
- Hydraulic tailstock (only quill)
- Full hydraulic tailstock
- Bar feeder DH65
- Renishaw tools measure HPMA
- Air conditioner for cabinet

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.



Technical Specifications

Technical Specifications	TC-150	TC-150L	TC-200	TC-200 Plus	TC-200L
Processing Range					
Max Swing over Bed	Φ500mm	Φ450mm	Φ550mm	Φ550mm	Φ550mm
Max Swing over Saddle	Φ300mm	Φ230mm	Φ330mm	Φ330mm	Φ370mm
Max Turning Diameter	Φ320mm	Φ350mm	Φ360mm	Φ320mm	Φ360mm
Max Turning Length	320mm	445mm	435mm	435mm	810mm
Max Bar Capacity	Φ44mm	Φ44mm	Φ44mm	Φ66mm	Φ44mm
Spindle					
Max Spindle Speed	6000rpm	6000rpm	5000rpm	4000rpm	5000rpm
Spindle Nose	A2-5	A2-5	A2-6	A2-6	A2-6
Spindle Bore	Φ56mm	Φ56mm	Φ56mm	Φ76mm	Φ56mm
Spindle Taper	Morse 6#	Morse 6#	Morse 6#	Metric 85	Morse 6#
Height from spindle centre to ground	915mm	940mm	1000mm	1000mm	1000mm
Hydraulic Tailstock					
Tailstock Quill Diameter	-	-	-	-	1000mm
Tailstock Quill Travel	-	-	-	-	Φ100mm
Quill Centre	-	-	-	-	5# (Live center)
Axis X/Z					
Travel X/Z	180/350mm	2000/455mm	240/455mm	240/455mm	240/830mm
Rapid Travel Speed X/Z	30/30m/min	24/30m/min	24/30m/min	30/36m/min	24/30m/min
X Axis ball screw dia/pitch	Φ32/10mm	Φ32/8mm	Φ32/8mm	Φ32/10mm	Φ32/8mm
Z Axis ball screw dia/pitch	Φ32/10mm	Φ32/10mm	Φ32/10mm	Φ32/12mm	Φ32/10mm
Hydraulic Turret					
Tool Position	8	8	8	12	8
Turning tool shank size	25 x 25mm	25 x 25mm	25 x 25mm	25 x 25mm	25 x 25mm
Boring tool holder diameter	Φ40mm	Φ40mm	Φ40mm	Φ40mm	Φ40mm
Machining Accuracy					
Positioning Accuracy	X	0.006mm	0.006mm	0.006mm	0.006mm
	Z	0.006mm	0.006mm	0.006mm	0.006mm
Repeatability Accuracy	X	0.004mm	0.004mm	0.004mm	0.004mm
	Z	0.004mm	0.004mm	0.004mm	0.004mm
Other					
Power capacity	15kVa	25kVa	25kVa	25kVa	25kVa
Spindle motor power	5.5/7.5kW	7.5/11kW	7.5/11kW	11.0/15.0kW	7.5/11kW
Machine dimensions (L x W x H)	1850 x 2550 x 1550mm	3660 x 1790 x 1720mm	3660 x 1790 x 1820mm	3660 x 1790 x 1820mm	4160 x 1820 x 1820mm
Weight	2600kg	3400kg	3500kg	3500kg	4200kg

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