

# Takisawa TC-3

## 1. Specifications

<u>Working capacity</u>	
Maximum swing:	500mm (Swing over carriage 400mm)
Maximum working diameter:	320mm (300mm)
Standard working diameter:	270mm (228mm)
Maximum working length:	(1) 510mm (1010)
<u>Spindle</u>	
Type of spindle end:	JIS A2-8"
Diameter of hole through spindle:	78mm
Spindle hole taper:	M.T. No.7
Number of revolutions of spindle:	Standard 32 to 3200r.p.m. Option 25 to 2500r.p.m.
Main motor:	Standard 11KW 30min. Option 15KW 30min.
<u>Tailstock</u>	
Tailstock spindle diameter:	90mm
Step of tailstock spindle:	120mm
Tailstock spindle taper:	M.T. No.5
<u>Tool rest</u>	
Type of tool rest:	8-station drum [10-station drum]
Turning tool size:	25 × 25mm
Boring bar diameter:	50mm (40mm)
<u>Feed</u>	
X-axis feed:	170mm
Z-axis feed:	610mm (1110)
Cutting feed rate:	0.01 to 100.000mm/rev. 1 to 5,000mm/min.
Rapid traverse rate:	X-axis 6,000mm/min. Z-axis 12,000mm/min.
<u>Auxiliary machine</u>	
Hydraulic pump motor:	1.5 KW 4P
Cutting oil pump:	0.25KW 2P
Sliding surface lubricating oil pump:	0.01KW 4P
Head stock lubricating oil pump:	0.075KW 4P
<u>Dimensions</u>	
Height from floor surface to spindle:	1,000mm
Max. height × width × length of machine:	1,840 × 1,470 × 2,000mm (1,840 × 1,470 × 3,350mm)
Weight:	3,000kg (3,900)
(1) Dimensions are of the machine equipped with 10-hollow hydraulic chuck (Kitagawa RJA8-10K3)	
[ ] Specification of 10-station turret	
[ ] C-C : 1000	