

OmniTurn GT-75 Turning Center

Fast... Precise... Affordable...

CAPACITIES	English	Metric
Chuck Size (max)	4.0 in	102 mm
Max Cutting Diameter	6.0 in	150 mm
Bar Capacity	1.06 in	26 mm
Tooling Plate with 3/8" T-slot	6 x 14 in	150 x 355 mm
Tooling	Gang-tooling, 1/2" centerline	

SPINDLE	English	Metric
Max Speed	4000 rpm (6000 opt.)	
Spindle Nose	5C with 4° CamLock	
Drive System	Direct Speed, Belt Drive	
Max Rating	5.0 hp	3.7 kW
Drawtube Bore ø	1.25 in	31.8 mm

CONSTRUCTION	English	Metric
Ways	Precision Linear Guides	
Ball Screws	Precision-ground, Zero Backlash	
Base Billet	MJ7 Composite Casting	
Headstock	Mehanite	
Coolant Pump	1/8hp 5gpm (1/4hp 20gpm opt.)	
Coolant Tank	12 gal	45 liters

TRAVELS & FEEDRATES	English	Metric
X Axis	12.0 in	305 mm
Z Axis	9.0 in	228 mm
Max Thrust X & Z	750 lbf	3336 N
Resolution	0.00005 in	1.3 µ
Repeatability	0.0001 in	2.5 µ
Threading	240tpi to unlimited	0.1mm to unlimited
Max Rapid	300 ipm	7.6 m/min
Max Cutting	300 ipm	7.6 m/min

General	English	Metric
Air Required	3 scfm @ 70 psi	85 L/min @ 4.8 bar
Input AC Voltage	208-240 VAC, 20 A	
Floor Space	66 x 34 in	168 x 86 cm
Weight	1655 lb	750 kg
Shipping Pallet	72 x 48 x 72 in	1.83 x 1.2 x 1.83 m