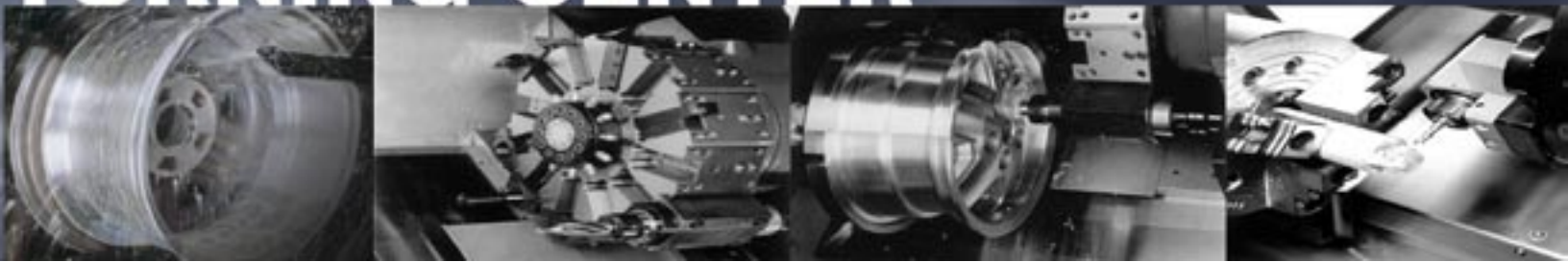


CNC WHEEL TURNING CENTER



FEMCO®

MAXIMUM PRODUCTIVITY

WTC Series

FEMCO Machine Works

The WTC-50/50D is the wheel industry's ultimate turning machine. It is a low cost, high output machine that provides extraordinary value.



- Ø28.54" Max swing over bed
- Ø23.62" Max turning diameter
- 2500 rpm Spindle speed

The WTC-50 features autopneumatic doors, a high pressure wash down system, unconstrained part loading and unloading, easy-access from outside of the machine, an exceptional 60HP integral FANUC spindle motor, and an exclusive lower turret design that results in reduced chip accumulation, minimal interference, and enhanced safety. Our WTC-50D offers 4-axis turning.

The WTC-68 has long been recognized for its proven durability and longevity in the field. Its power and performance make it a reliable choice.



- Ø31.5" Max swing over bed
- Ø26.77" Max turning diameter
- 2500 rpm Spindle speed

The WTC-68 has full enclosures, exceptional horsepower, and tremendous stock removal and finishing capabilities. It features a powerful 2500 rpm 60HP FANUC motor, 787 IPM rapids and a 26.77" turning capacity. This combination makes the WTC-68 an exceptional value for high performance turning. The WTC-68D model is the dual-turret version of the machine.

Specifications

WTC-50/50D

WTC-68/68D

Machine Layouts

Capacity

Maximum Swing Over Bed	Ø28.54"(725mm)	Ø31.5"(800mm)
Maximum Turning Diameter	Ø23.62"(600mm)	Ø26.77"(680mm)

Spindle

Spindle Speed	2500 rpm	2500 rpm
Spindle Nose	A2-8	A2-8
Spindle Motor Direct Drive	49.6/60.3hp(AC 37/45kW)	49.6/60.3hp(AC 37/45kW)
Spindle Diameter	Ø5.12"(130mm)	Ø5.12"(130mm)
Spindle Bore	Ø2.17"(55mm)	Ø2.17"(55mm)

Turret

Number of Stations	10(Upper) / 6(Lower)	6
Turning Tool O.D./I.D.	□ 0.98"/Ø1.97(25/50mm Upper)/□ 0.98"(25mm Lower)	□ 0.98" x 1.26"/2.48" (25mm x 32mm/63mm)

X-Axis

Travel	11.61"(295mm Upper)/7.09"(180mm Lower)	14.17"(360mm)
Rapid Traverse Rate	629.92"/min(16m/min)	629.92"/min(16m/min)
AC Servo Motor	5.4hp(AC 4kW)	5.4hp(AC 4kW)
Ballscrew	Ø1.42"(36mm) x P0.31"(8mm)	Ø1.42"(36mm) x P0.31"(8mm)

Z-Axis

Travel	27.56"(700mm Upper)/ 21.65"(550mm Lower)	30.31"(770mm)
Rapid Traverse Rate	787.4"/min(20m/min)	787.4"/min(20m/min)
AC Servo Motor	5.4hp(AC 4kW)	5.4hp(AC 4kW)
Ballscrew	Ø1.97"(50mm) x P0.39"(10mm)	Ø1.97"(50mm) x P0.39"(10mm)

Guide way

	Boxway	Boxway
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Machine Weight

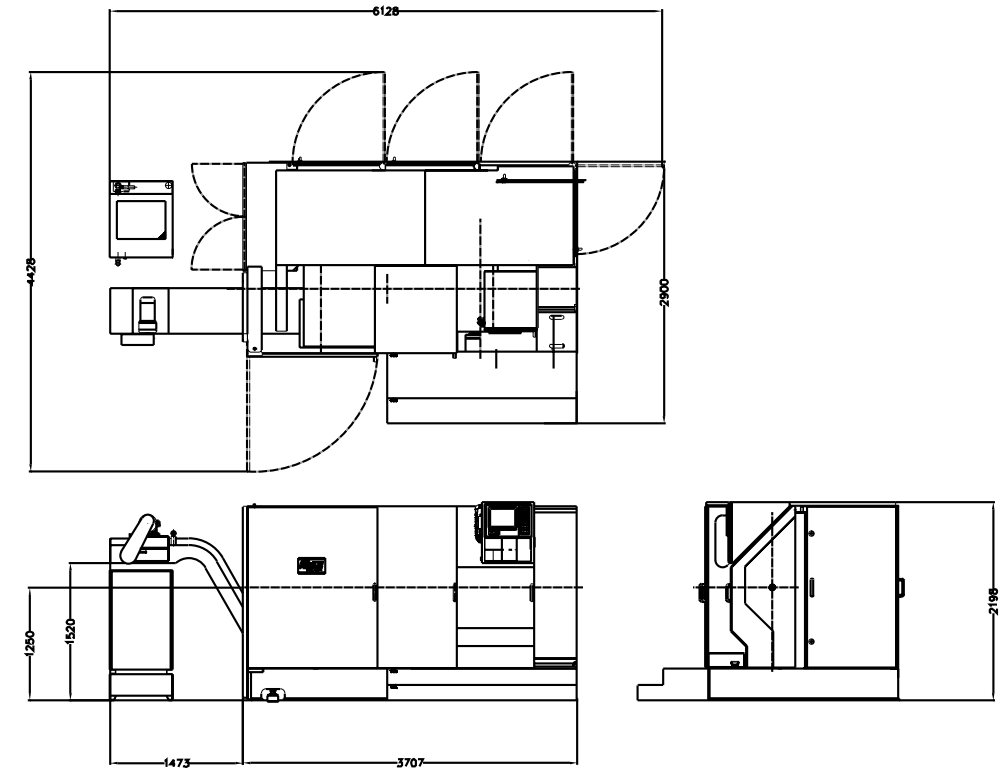
	26455lbs(12000kg)	22046lbs(10000kg)
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Machine Dimensions

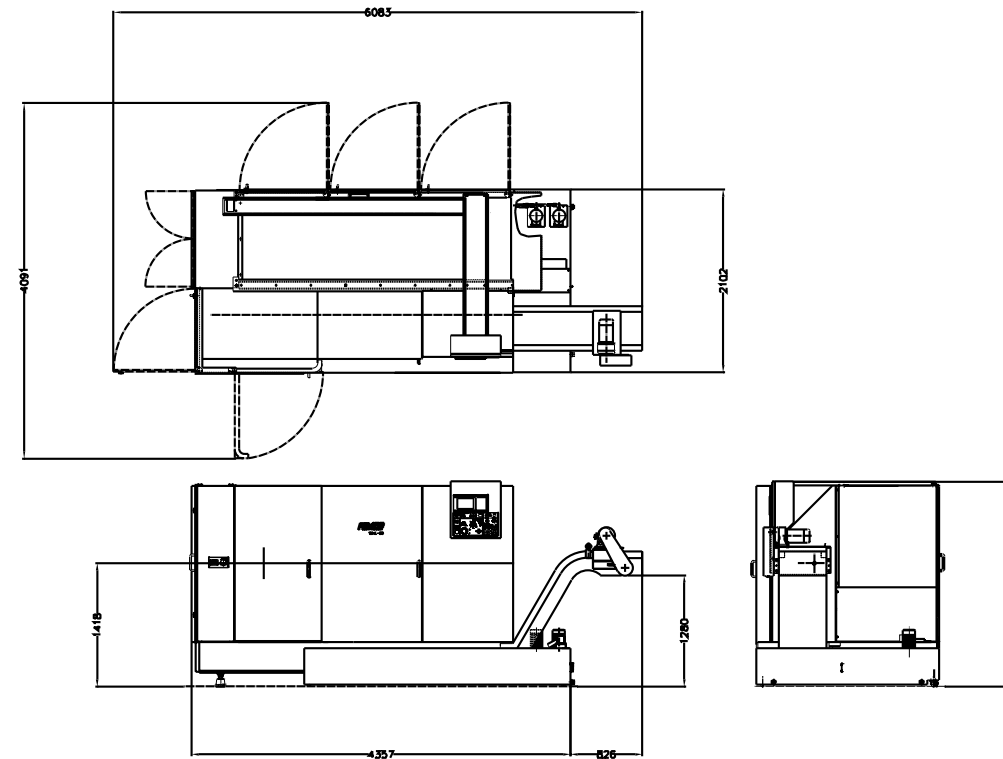
LxW	203.54" x 90.55" (5170mm x 2300mm)	204.06" x 80.8" (5183mm x 2230mm)
Machine Height	86.61"(2200mm)	92.91"(2360mm)

Power Requirements

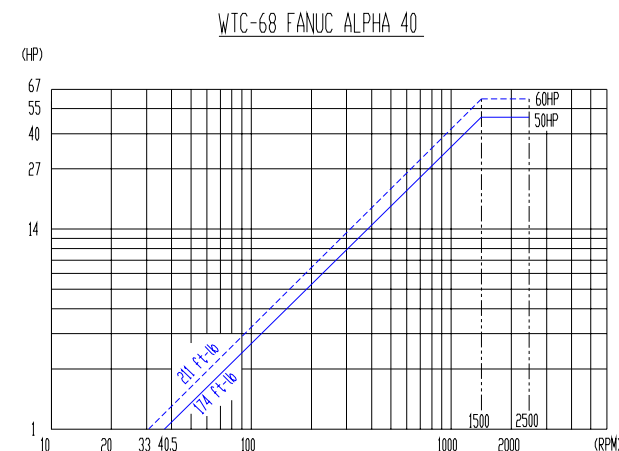
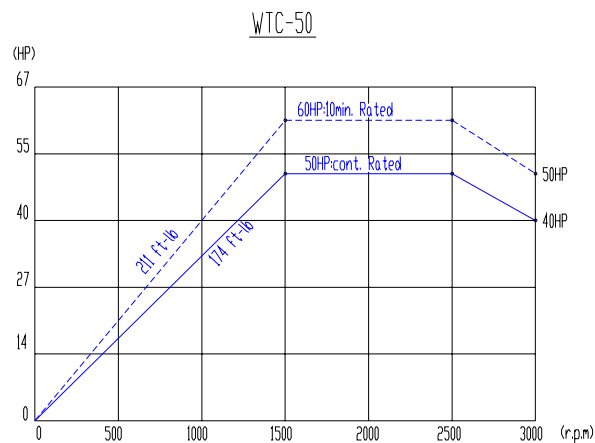
380Volts, 3 Phase 60Hz, 115 Full Load Amps, 125 Amp Wall Breaker, 80 KVA	220Volts, 3 Phase 60Hz, 115 Full Load Amps, 125 Amp Wall Breaker, 700 KVA
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WTC-50 Layouts



WTC-68 Layouts



*Specifications subject to change without notice.

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