

Machine Specifications QUICK TURN 100 Series

			QUICK TURN 100	QUICK TURN 100M	QUICK TURN 100MY	
		Bed length				
Capacity	Maximum swing		in (mm)	22.83 (580)		
	Maximum bar work capacity		in (mm)	2.0 (52)		
	Maximum machining diameter		in (mm)	11.0 (280)		
	Maximum machining length	12	in (mm)	12.16 (309)	—	13.39 (340)
		20	in (mm)	—	16.9 (429)	—
Main spindle	Chuck size		in	6		
	Maximum speed		rpm	6,000		
	Motor output (30-minute rating)		hp (kW)	20 (7.5)		
Second spindle	Chuck size		in	—	—	
	Maximum speed		rpm	—	—	
	Motor output (30-minute rating)		hp (kW)	—	—	
Turret (upper)	Number of tools		—	12		
	Maximum speed		rpm	—	6,000	
	Mill spindle motor output (40% ED)		hp (kW)	—	7.4 (5.5)	
Feed axes	Travel (X axis)		in (mm)	7.75 (200)	7.25 (184)	7.125 (181)
	Travel (Y axis)	12	in (mm)	—	—	4.0 (100)
		16	in (mm)	—		
	Travel (Z axis)	12	in (mm)	13.25 (340)	—	14.125 (510)
		16	in (mm)	—	20.125 (511)	—
	Travel (W-Axis and Tailstock)	12	in (mm)	13.75 (350)	—	—
		16	in (mm)	—	20.75 (527)	—

Specifications reflect standard VDI turret.

			QUICK TURN 100MS	QUICK TURN 100MSY	
		Bed length			
Capacity	Maximum swing		in (mm)	21.65 (550)	
	Maximum bar work capacity		in (mm)	2.0 (52)	
	Maximum machining diameter		in (mm)	11.0 (280)	
	Maximum machining length	12	in (mm)	16.131 (410)	
		20	in (mm)	—	—
Main spindle	Chuck size		in	6	
	Maximum speed		rpm	6,000	
	Motor output (30-minute rating)		hp (kW)	20 (7.5)	
Second spindle	Chuck size		in	5	
	Maximum speed		rpm	5,000	6,000
	Motor output (30-minute rating)		hp (kW)	15 (11)	
Turret (upper)	Number of tools		—	12	
	Maximum speed		rpm	5,000	
	Mill spindle motor output (10-minute rating)		hp (kW)	7.4 (5.5)	
Feed axes	Travel (X axis)		in (mm)	7.125 (181)	
	Travel (Y axis)	12	in (mm)	—	4.0 (100)
		16	in (mm)	—	
	Travel (Z axis)	12	in (mm)	14.125 (510)	
		16	in (mm)	—	
	Travel (W-Axis and Tailstock)	12	in (mm)	17.875 (460)	
		16	in (mm)	—	

Machine Specifications QUICK TURN 200 Series

			QUICK TURN 200	QUICK TURN 200M	QUICK TURN 200MY
		Bed length			
Capacity	Maximum swing		in (mm)	24.02 (610)	26.5 (673)
	Maximum bar work capacity		in (mm)	2.0 (52)	2.5 (64)
	Maximum machining diameter		in (mm)	13.78 (350)	14.75 (375)
	Maximum machining length	20	in (mm)	20.16 (512)	21.28 (541)
		40	in (mm)	—	—
Main spindle	Chuck size		in	8	
	Maximum speed		rpm	5,000	
	Motor output (30-minute rating)		hp (kW)	35 (26)	
Second spindle	Chuck size		in	—	—
	Maximum speed		rpm	—	—
	Motor output (25% ED)		hp (kW)	—	—
Turret (upper)	Number of tools		—	12	
	Maximum speed		rpm	—	6,000
	Mill spindle motor output (10% ED)		hp (kW)	—	10 (7.5)
Feed axes	Travel (X axis)		in (mm)	8.75 (222)	9.0 (229)
	Travel (Y axis)	20	in (mm)	—	4.0 (100)
		40	in (mm)	—	4.0 (100)
	Travel (Z axis)	20	in (mm)	21.12 (536)	22.75 (578)
		40	in (mm)	—	—
	Travel (Tailstock)	20	in (mm)	21.75 (537)	
		40	in (mm)	—	—

Specifications reflect standard VDI turret.

			QUICK TURN 200MS	QUICK TURN 200MSY	
		Bed length			
Capacity	Maximum swing		in (mm)	26.5 (673)	
	Maximum bar work capacity		in (mm)	2.5 (64)	
	Maximum machining diameter		in (mm)	14.75 (375)	
	Maximum machining length	20	in (mm)	22.75 (578)	
		40	in (mm)	—	—
Main spindle	Chuck size		in	8	
	Maximum speed		rpm	5,000	
	Motor output (30-minute rating)		hp (kW)	35 (26)	
Second spindle	Chuck size		in	6	
	Maximum speed		rpm	6,000	
	Motor output (25% ED)		hp (kW)	15 (11)	
Turret (upper)	Number of tools		—	12	
	Maximum speed		rpm	6,000	
	Mill spindle motor output (10-minute rating)		hp (kW)	10 (7.5)	
Feed axes	Travel (X axis)		in (mm)	9.0 (229)	
	Travel (Y axis)	20	in (mm)	—	4.0 (100)
		40	in (mm)	—	—
	Travel (Z axis)	20	in (mm)	22.75 (578)	
		40	in (mm)	—	—
	Travel (Tailstock)	20	in (mm)	—	—
		40	in (mm)	—	—

Machine Specifications QUICK TURN 250 Series

			QUICK TURN 250	QUICK TURN 250M	QUICK TURN 250MY	
		Bed length				
Capacity	Maximum swing		in (mm)	24.02 (610)	26.5 (673)	
	Maximum bar work capacity		in (mm)	3.25 (83)		
	Maximum machining diameter		in (mm)	13.78 (350)	14.75 (375)	
	Maximum machining length	20	in (mm)	18.73 (476)	19.86 (504)	
		40	in (mm)	39.10 (993)	—	40.36 (1,025)
60		in (mm)	—	—	59.86 (1,520)	
Main spindle	Chuck size		in	10		
	Maximum speed		rpm	4,000		
	Motor output (30-minute rating)		hp (kW)	35 (26)		
Second spindle	Chuck size		in	—	—	
	Maximum speed		rpm	—	—	
	Motor output (25% ED)		hp (kW)	—	—	
Turret (upper)	Number of tools		—	12		
	Maximum speed		rpm	—	6,000	
	Mill spindle motor output (10-minute rating)		hp (kW)	—	10 (7.5)	
Feed axes	Travel (X axis)		in (mm)	8.75 (222)	9.0 (229)	
	Travel (Y axis)	20	in (mm)	—	—	4.0 (100)
		40	in (mm)	—	—	
		60	in (mm)	—	—	
	Travel (Z axis)	20	in (mm)	20.25 (514)	22.63 (575)	22.75 (578)
		40	in (mm)	40.75 (1,035)	—	43.12 (1,095)
		60	in (mm)	—	—	62.75 (1,594)
	Travel (Tailstock)	20	in (mm)	20.63 (524)	21.75 (553)	21.75 (552)
		40	in (mm)	39.63 (1,006)	—	42.13 (1,070)
		60	in (mm)	—	—	61.84 (1,571)

Specifications reflect standard VDI turret.

			QUICK TURN 250MS	QUICK TURN 250MSY		
		Bed length				
Capacity	Maximum swing		in (mm)	26.5 (673)		
	Maximum bar work capacity		in (mm)	3.25 (83)		
	Maximum machining diameter		in (mm)	14.75 (375)		
	Maximum machining length	20	in (mm)	21.27 (540)		
		40	in (mm)	—	—	
60		in (mm)	—	—		
Main spindle	Chuck size		in	10		
	Maximum speed		rpm	4,000		
	Motor output (30-minute rating)		hp (kW)	35 (26)		
Second spindle	Chuck size		in	6		
	Maximum speed		rpm	6,000	6,000	
	Motor output (25% ED)		hp (kW)	15 (11)		
Turret (upper)	Number of tools		—	12		
	Maximum speed		rpm	6,000		
	Mill spindle motor output (10-minute rating)		hp (kW)	10 (7.5)		
Feed axes	Travel (X axis)		in (mm)	9.0 (229)		
	Travel (Y axis)	20	in (mm)	—	—	4.0 (100)
		40	in (mm)	—	—	
		60	in (mm)	—	—	
	Travel (Z axis)	20	in (mm)	22.75 (578)		
		40	in (mm)	—	—	
		60	in (mm)	—	—	
	Travel (Tailstock)	20	in (mm)	—	—	
		40	in (mm)	—	—	
		60	in (mm)	—	—	

Machine Specifications QUICK TURN 350 Series

			QUICK TURN 350	QUICK TURN 350M	
		Bed length			
Capacity	Maximum swing	in (mm)	26.77 (680)	29.5 (749)	
	Maximum bar work capacity	in (mm)	4.0 (102)		
	Maximum machining diameter	in (mm)	10.0 (264)	16.5 (419)	
	Maximum machining length	26	in (mm)	23.80 (605)	
		60	in (mm)	60.67 (1,541)	
80		in (mm)	—		
Main spindle	Chuck size	in	12		
	Maximum speed	rpm	3,330		
	Motor output (30-minute rating)	hp (kW)	40		
Second spindle	Chuck size	in	—	—	
	Maximum speed	rpm	—	—	
	Motor output (25% ED)	hp (kW)	—	—	
Turret (upper)	Number of tools	—	12		
	Maximum speed	rpm	—	6,000 ER / 4,000 CAT	
	Mill spindle motor output (10-minute rating)	hp (kW)	—	10 (7.5)	
Feed axes	Travel (X axis)	in (mm)	10.12 (257)		
	Travel (Y axis)	26	in (mm)	—	—
		60	in (mm)	—	—
		80	in (mm)	—	—
	Travel (Z axis)	26	in (mm)	26.37 (670)	
		60	in (mm)	63.25 (1,607)	
		80	in (mm)	—	
	Travel (Tailstock)	26	in (mm)	25.5 (648)	
		60	in (mm)	62.38 (1,584)	
		80	in (mm)	—	—

Specifications reflect standard VDI turret.

			QUICK TURN 350MY	QUICK TURN 350MSY	
		Bed length			
Capacity	Maximum swing	in (mm)	29.5 (749)		
	Maximum bar work capacity	in (mm)	4.0 (102)		
	Maximum machining diameter	in (mm)	16.5 (419)	18.0 (457)	
	Maximum machining length	26	in (mm)	23.80 (605)	25.69 (653)
		60	in (mm)	60.67 (1,541)	62.41 (1,585)
80		in (mm)	81.09 (2,060)	—	
Main spindle	Chuck size	in	12		
	Maximum speed	rpm	3,330		
	Motor output (30-minute rating)	hp (kW)	40		
Second spindle	Chuck size	in	—	10	
	Maximum speed	rpm	—	4,000	
	Motor output (25% ED)	hp (kW)	—	35 (26)	
Turret (upper)	Number of tools	—	12		
	Maximum speed	rpm	6,000 ER / 4,000 CAT		
	Mill spindle motor output (10-minute rating)	hp (kW)	10 (7.5)		
Feed axes	Travel (X axis)	in (mm)	10.12 (257)	11.0 (279)	
	Travel (Z axis)	26	in (mm)	6.0 (152)	
		60	in (mm)		
		80	in (mm)		
	Travel (Z axis)	26	in (mm)	26.37 (670)	26.25 (667)
		60	in (mm)	63.25 (1,607)	63.12 (1,603)
		80	in (mm)	83.50 (2,121)	—
	Travel (Tailstock)	26	in (mm)	25.5 (648)	—
		60	in (mm)	62.38 (1,584)	—
		80	in (mm)	82.5 (2,096)	—

Machine Specifications QUICK TURN 400/450 Series

			QUICK TURN 400	QUICK TURN 400M	QUICK TURN 450	
		Bed length				
Capacity	Maximum swing		in (mm) 33.27 (845)			
	Maximum bar work capacity		in (mm) 4.0 (102)		7.2 (183)	
	Maximum machining diameter		in (mm) 22.83 (580)			
	Maximum machining length	40	in (mm)	40.35 (1,025)		Chuck dependant
80		in (mm)	81.69 (2,075)		Chuck dependant	
120		in (mm)	—		Chuck dependant	
Main spindle	Chuck size		in 12 ~ 15		18 ~ 21	
	Maximum speed		rpm 2,500		2,000	
	Motor output (30-minute rating)		hp (kW) 50 (37)			
Turret (upper)	Number of tools		— 12			
	Maximum speed		rpm —		6,000 ER / 4,000 CAT —	
	Mill spindle motor output (10-minute rating)		hp (kW) — 10.75 (7.5) —			
Feed axes	Travel (X axis)		in (mm) 12.12 (308) 13.37 (340) 12.12 (308)			
	Travel (Y axis)	40	in (mm)	—		
		80	in (mm)	—		
		120	in (mm)	—		
	Travel (Z axis)	40	in (mm)	42.12 (1,070)		
		80	in (mm)	83.50 (2,121)	—	83.66 (2,125)
		120	in (mm)	— 125 (3,175)		
	Travel (W axis and tailstock)	40	in (mm)	40.35 (1,025)		
80		in (mm)	81.69 (2,075)	—	81.69 (2,075)	
120		in (mm)	— — 116.14 (2,950)			

Specifications reflect standard VDI turret.

			QUICK TURN 450M	QUICK TURN 450MY	
		Bed length			
Capacity	Maximum swing		in (mm) 33.27 (845) 33.07 (840)		
	Maximum bar work capacity		in (mm) 7.2 (183)		
	Maximum machining diameter		in (mm) 22.83 (580)		
	Maximum machining length	40	in (mm)	Chuck dependant	
80		in (mm)	Chuck dependant		
120		in (mm)	Chuck dependant		
Main spindle	Chuck size		in 18 ~ 21		
	Maximum speed		rpm 2,000		
	Motor output (30-minute rating)		hp (kW) 50 (37)		
Turret (upper)	Number of tools		— 12		
	Maximum speed		rpm — 6,000 ER / 4,000 CAT		
	Mill spindle motor output (10-minute rating)		hp (kW) 10.75 (7.5)		
Feed axes	Travel (X axis)		in (mm) 13.37 (340)		
	Travel (Z axis)	40	in (mm)	—	
		80	in (mm)	—	8.0 (203)
		120	in (mm)	—	
	Travel (Z axis)	40	in (mm)	42.12 (1,070)	
		80	in (mm)	83.66 (2,125)	
		120	in (mm)	125 (3,175)	
	Travel (W axis and tailstock)	40	in (mm)	40.35 (1,025) —	
80		in (mm)	81.69 (2,075)		
120		in (mm)	116.14 (2,950)		