

SPECIFICATIONS		V80R	V100R		
CAPACITY	Max Turning Diameter	mm (in)	Ø 800 (31.5)	Ø 1,000 (39.4)	
	Max Swing on the Spindle	mm (in)	Ø 1000 (39.4)	Ø 1,250 (49.2)	
	Max Turning Length	mm (in)	840 (33.1)	890 (35.0)	
	Spindle Nose Height from Floor	mm (in)	1150 (45.3)	1,170 (46.1)	
SPINDLE	Spindle Nose Type		A2-11	Ø 380 (15) Flat	
	Spindle Bore Diameter	mm (in)	Ø 110 (4.3)	Ø 110 (4.3)	
	Spindle Front Bearing Diameter	mm (in)	Ø 200 (7.8)	Ø 200 (7.8)	
	Spindle Speed	Standard	min ⁻¹	13-1250	8-750
		Option	min ⁻¹	10-180, 12-530, 15-340, 20-1,000	----
Spindle Speed Range Shift		Stepless	Stepless		
TURRET	Turret Type		V12	V12	
	Standard Tool Size	mm (in)	Ø 32 (1.25)	Ø 32 (1.25)	
	Boring Bar Diameter	mm (in)	Ø 40 (1.5), Ø 50 (2.0), Ø 63 (2.5)	Ø 40 (1.5), Ø 50 (2.0), Ø 63 (2.5)	
AXIS FEED	Axis Travel	X	mm (in)	465 (18.3)	565 (22.2)
		Z	mm (in)	840 (33.0)	890 (35.0)
	Rapid Traverse	X	m/min (ipm)	16 (630)	24 (945)
		Z	m/min (ipm)	16 (630)	24 (945)
	Feedrate Override			0-200% (15 Step)	0-200% (15 Step)
ELECTRIC	Main Drive Motor	Standard (30 min/cont)	kW (hp)	22 / 30 (30 / 40)	45 / 55 (60 / 73)
		Optional (30 min/cont)	kW (hp)	37 / 45 (50 / 60)	----
	Overall Power Requirement	kVA	43	50	
SIZE	Coolant Capacity	L/gal	450 (118.9)	450 (118.9)	
	Floor Space Requirement	mm (in)	2,450x2,765 (96.5x108.9)	2,735x3,535 (107.7x139.2)	
	Overall Machine Height	mm (in)	4,065 (160.2)	3,473 (136.7)	
	Machine Weight	kg (lbs)	11,500 (25,300)	13,000 (28,600)	