

Item		Unit	MILLAC 761V II			
			No. 50 4,000 min <sup>-1</sup>	No. 50 6,000 min <sup>-1</sup>	No. 50 12,000 min <sup>-1</sup>	No. 40 15,000 min <sup>-1</sup>
Travels	X axis (table R/L)	mm (in.)	1,540 (60.63)			
	Y axis (table F/B)	mm (in.)	760 (29.92)			
	Z axis (spindle U/D)	mm (in.)	660 (25.98)			
	Table top to spindle nose	mm (in.)	200 to 860 (7.87 to 33.86)			
	Column to spindle center	mm (in.)	800 (31.50)			
Table	Work surface	mm (in.)	1,800 × 720 (70.87 × 28.35)			
	Floor to table top	mm (in.)	1,030 (40.55)			
	Max load capacity	kg (lb)	2,000 (4,400)			
Spindle	Spindle speed	min <sup>-1</sup>	20 to 4,000	30 to 6,000	50 to 12,000	50 to 15,000
	Speed ranges		2-speed		Stepless (integral motor/spindle)	
	Tapered bore		7/24 taper No. 50			7/24 taper No. 40
	Bearing dia	mm (in.)	ø100 (3.94)		ø90 (3.54)	ø70 (2.76)
Feedrate	Rapid traverse	m/min (fpm)	X-Y-Z: 16 (52)			
	Cutting feedrate	mm/min (ipm)	X-Y-Z: 10,000 (394)			
Motors	Spindle	kW (hp)	18.5/15 (25/20) (30 min/cont)		OSP:26/18.5 (35/25) (10 min/cont) FANUC:22/18.5 (30/25) (15 min/cont)	
ATC	Tool storage	tool	36 [54]			
	Max tool dia (w, w/o adj tool)	mm (in.)	ø120/ø200 (ø4.72/ø5.91)			ø115/ø115 (ø4.53/ø4.53)
	Max tool length	mm (in.)	400 (15.75)			300 (11.81)
	Max tool weight	kg (lb)	20 (44)			8 (11)
Machine size	Height	mm (in.)	3,230 (127.17)			
	Floor space	mm (in.)	4,300 × 4,060 (169.29 × 159.84)			
	Weight	kg (lb)	14,300 (31,460)			
Control		OSP-P300MA, FANUC 31i-B				

[ ] : Optional

Item		Unit	MILLAC 852V II			
			No. 50 4,000 min <sup>-1</sup>	No. 50 6,000 min <sup>-1</sup>	No. 50 12,000 min <sup>-1</sup>	No. 40 15,000 min <sup>-1</sup>
Travels	X axis (table R/L)	mm (in.)	2,050 <3,050> (80.71 <120.08>)			
	Y axis (table F/B)	mm (in.)	850 (33.46)			
	Z axis (spindle U/D)	mm (in.)	750 (29.53)			
	Table top to spindle nose	mm (in.)	200 to 950 <160 to 910> (7.87 to 37.40 <6.30 to 35.83>)			
	Column to spindle center	mm (in.)	900 (35.43)			
Table	Work surface	mm (in.)	2,200 <3,200> × 850 (86.61 <125.98> × 33.46)			
	Floor to table top	mm (in.)	1,060 <1,100> (41.73 <43.31>)			
	Max load capacity	kg (lb)	2,500 <3,800> (5,500 <8,360>)			
Spindle	Spindle speed	min <sup>-1</sup>	20 to 4,000	30 to 6,000	50 to 12,000	50 to 15,000
	Speed ranges		2-speed		Stepless (integral motor/spindle)	
	Tapered bore		7/24 taper No. 50			7/24 taper No. 40
	Bearing dia	mm (in.)	ø100 (3.94)		ø90 (3.54)	ø70 (2.76)
Feedrate	Rapid traverse	m/min (fpm)	X-Y-Z: 16 <X-Y: 12, Z: 16> (X-Y-Z: 52 <X-Y: 39, Z: 52>)			
	Cutting feedrate	mm/min (ipm)	X-Y-Z: 10,000 (394)			
Motors	Spindle	kW (hp)	18.5/15 (25/20) (30 min/cont)		OSP:26/18.5 (35/25) (10 min/cont) FANUC:22/18.5 (30/25) (15 min/cont)	
ATC	Tool storage	tool	36 [54]			
	Max tool dia (w, w/o adj tool)	mm (in.)	ø120/ø200 (ø4.72/ø7.87)			ø115/ø115 (ø4.53/ø4.53)
	Max tool length	mm (in.)	400 (15.75)			300 (11.81)
	Max tool weight	kg (lb)	20 (44)			8 (11)
Machine size	Height	mm (in.)	3,350 (131.89)		3,320 (130.71)	
	Floor space	mm (in.)	5,460 × 4,445 <7,460 × 4,445> (214.96 × 175 <293.70 × 175>)			
	Weight	kg (lb)	20,500 <22,500> (45,100 <49,500>)			
Control		OSP-P300MA, FANUC 31i-B				

< >: X-axis travel 3,050 specs [ ]: Optional

Item		Unit	MILLAC 1052V II			
			No. 50 4,000 min <sup>-1</sup>	No. 50 6,000 min <sup>-1</sup>	No. 50 12,000 min <sup>-1</sup>	No. 40 15,000 min <sup>-1</sup>
Travels	X axis (table R/L)	mm (in.)	2,050 <3,050> (80.71 <120.08>)			
	Y axis (table F/B)	mm (in.)	1,060 (41.73)			
	Z axis (spindle U/D)	mm (in.)	800 (31.50)			
	Table top to spindle nose	mm (in.)	200 to 1,000 <160 to 960> (7.87 to 39.37 <6.30 to 37.80>)			
	Column to spindle center	mm (in.)	1,100 (43.31)			
Table	Work surface	mm (in.)	2,200 <3,200> × 1,050 (86.61 <125.98> × 41.34)			
	Floor to table top	mm (in.)	1,060 <1,150> (41.73 <45.28>)			
	Max load capacity	kg (lb)	5,000 (11,000)			
Spindle	Spindle speed	min <sup>-1</sup>	20 to 4,000	30 to 6,000	50 to 12,000	50 to 15,000
	Speed ranges		2-speed		Stepless (integral motor/spindle)	
	Tapered bore		7/24 taper No. 50			7/24 taper No. 40
	Bearing dia	mm (in.)	ø100 (3.94)		ø90 (3.54)	ø70 (2.76)
Feedrate	Rapid traverse	m/min (fpm)	X-Y-Z: 16 <X-Y: 12, Z: 16> (X-Y-Z: 52 <X-Y: 39, Z: 52>)			
	Cutting feedrate	mm/min (ipm)	X-Y-Z: 10,000 (394)			
Motors	Spindle	kW (hp)	22/18.5 (30/25) (30 min/cont)		OSP:26/18.5 (35/25) (10 min/cont) FANUC:22/18.5 (30/25) (15 min/cont)	
ATC	Tool storage	tool	36 [54]			
	Max tool dia (w, w/o adj tool)	mm (in.)	ø120/ø200 (ø4.72/ø7.87)			ø115/ø115 (ø4.53/ø4.53)
	Max tool length	mm (in.)	400 (15.75)			300 (11.81)
	Max tool weight	kg (lb)	20 (44)			8 (11)
Machine size	Height	mm (in.)	3,520 <3,570> (138.58 <140.55>)			
	Floor space	mm (in.)	6,760 × 4,470 <9,065 × 4,495> (266.14 × 175.98 <356.89 × 176.67>)			
	Weight	kg (lb)	25,200 <29,600> (55,440 <65,120>)			
Control		OSP-P300MA, FANUC 31i-B				

< >: X-axis travel 3,050 specs [ ]: Optional