

MILLAC 853PF-5X



ITEM		UNIT	MILLAC 853PF-5X3,050 (120.08)
TRAVEL	X-axis	mm (in.)	3,050 (120.08)
	Y-axis	mm (in.)	850 (33.46)
	Z-axis	mm (in.)	700 (27.56)
	A-axis	deg	±35
	B-axis	deg	±35
TABLE	Table dimensions	mm (in.)	3,200 x 850 (125.99 x 33.47)
	Max load on table	kg	3,000 (6,60)
	Spindle nose to table top	mm	150 - 850 (5.91 - 33.46)
	Spindle center to column sideway	mm (in.)	930 (36.61)
	Floor to table top		1,080 (42.52)
FEED	Rapid traverse	X/Y axes mm/min (ipm)	30,000 (1,181)
		Z axis mm/min (ipm)	24,000 (945)
		A/B axes deg/min	3,600
	Cutting feedrate	X/Y/Z axes mm/min (ipm)	1 - 24,000 (0.039 - 945)
		A/B axes deg/min	1 - 2,400
SPINDLE	Spindle bore taper		NST No. 50
	Spindle speed range	min ⁻¹	60 - 12,000
	Spindle speed change		double wound motor
	Spindle bearing ID	mm (in.)	ø90 (ø3.54)
MOTORS	Spindle drive motor	kW (hp)	45/55 (60/75)
	Feed motor X/Y/Z/A axes	kW (hp)	7 (9.3)
	B-axis	kW (hp)	3 (4) x 2 pcs
	Hydraulic unit motor	kW (hp)	2.8 (3.7)
	Lubrication pump motor	W	17
	Coolant pump motor	kW (hp)	2.2 (2.9)
TANKS	Hydraulic unit	mm (in.)	10 (2.64)
	Sideway lube tank	mm (in.)	12 (3.17)
	Coolant Tank	kg (lbs.)	1,500 (396)
ATC	Applicable tool shank		MAS403-BT50 / Caterpillar No. 50
	Pull stud		MAS407 - PT50-II/ Caterpillar special
	Tool selection		fixed address
	Max tool with adjacent	mm (in.)	ø125 (ø4.92)
	without adjacent	mm (in.)	ø200 (ø7.87)
	Max tool length	mm (in.)	350 (13.78)
	Max tool weight	kg (lbs)	20 (44)
	Magazine capacity	tools	30
	Tool change time (T-T/C-C)	sec	9 / 16
	Total Power	kVA	116
	Voltage required	V	AC 400/480
SIZE	Height	mm (in.)	3,300 (130)
	Floor space W x L	mm (in.)	8,600 x 4,500 (339 x 179)
	Net weight	kg (lbs.)	20,000 (44,000)