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Description			mm (inch)	PUMA GT2100	PUMA GT2100M	PUMA GT2100B	PUMA GT2100MB	PUMA GT2600 [L]	PUMA GT2600M [LM]	PUMA GT2600XL[XLB]	PUMAG T2600XL[XLMB]	PUMA GT3100A[LA]	PUMA GT3100MA[LMA]	PUMA GT3100 [L]	PUMA GT3100M [LM]
Capacity	Swing over bed		mm (inch)	600 (23.6)		600 (23.6)		630 (24.8)		630 (24.8)		720 (28.3)			
	Swing over saddle		mm (inch)	390 (15.4)		390 (15.4)		460 (18.1)		460 (18.1)		590 (23.2)			
	Recommanded turning dia.		mm (inch)	210 (8.3)		255 (10.0)		255 (10.0)		255 (10.0)		255 (10.0)		315(12.0)	
	Max. turning dia.		mm (inch)	390 (15.4)	300 (11.8)	390 (15.4)	300 (11.8)	460 (18.1)	410 (16.1)	460 (18.1)	410 (16.1)	481 (18.9)	376 (14.8)	481 (18.9)	376 (14.8)
	Max turning length		mm (inch)	562 [312] (22.1 [12.3])	513 [263] (20.2 [10.4])	550 (21.7)	501 (2.9)	658 [1078] (25.9 [42.4])	610 [1030] (24.0 [40.6])	1603 [1573]	1555 [1525]	799[1310] (31.1[51.6])	760 [1280] (29.9[50.4])	755 [1275] (2.9 [50.2])	725 [1245] (28.5 [49.0])
	Chuck size		inch	8 {10}*		10 {12}*		10 {12}*		10 [12]		10		12	
	Bar working dia.		mm (inch)	65 (2.6)		81 (3.2)		81 (3.2)		81 [102] (3.2 [4.0])		81 (3.2)		102 (4.0)	
Travels	Travel distance	X-axis	mm (inch)	230 (9.1)		230 (9.1)		265 (10.4)		265 (10.4)		260 (10.2)			
		Z-axis	mm (inch)	580 (22.8)		580 (22.8)		680 [1100] (26.8 [43.3])		1625 (26.8)		830 [1350] (32.7 [53.1])			
Feedrates	Rapid Traverse Rate	X-axis	m/min (ipm)	24 (945)		24 (945)		24 (945)		24 (945)		24 (945)			
		Z-axis	m/min (ipm)	30 (1181)		30 (1181)		30 (1181)		30 (1181)		30 (1181)			
Main spindle	Max. Spindle speed		r/min	4500		3500		3500		3500 [2500]	3500 [2500]	3500		2800	
	Main spindle motor power		kW (Hp)	18.5 / 15 (25 / 20) (15min / cont.)	18.5 / 15 (25 / 20) (15min / cont.)	18.5 / 15 (25 / 20) (15min/cont.)	18.5 / 15 (25 / 20) (15min / cont.)	22 / 18.5 (30 / 25) (30min / cont.)	22 / 18.5 (30 / 25) (30min / cont.)	22 / 18.5 (30 / 25) (30min / cont.)	22 / 18.5 (30 / 25) (30min / cont.)	35 / 26 / 22 (S6 25% / S6 60% / S1 Cont.)	26 / 22 / 18.5 (S6 25% / S6 60% / S1 Cont.)	35 / 26 / 22 (S6 25% / S6 60% / S1 Cont.)	26 / 22 / 18.5 (S6 25% / S6 60% / S1 Cont.)
	Max. Spindle torque		N-m (lbf-ft)	313 (231)		401.2 (296)		622 (459)		622 [992] (459 [732.1])	622 [992] (459 [732.1])	1122 (828.0)	622 (459.0)	1613 (1190.4)	1123 (828.8)
	Spindle nose		ASA	A2-6		A2-8		A2-8		A2-8 [A2-11]		A2-8		A2-11	
	Spindle bearing diameter (Front)		mm (inch)	110 (4.3)		140 (5.5)		140 (5.5)		140 [160] (5.5 [6.3])		140 (5.5)		160 (6.3)	
	Spindle through hole		mm (inch)	76 (3.0)		91 (3.6)		91 (3.6)		91 [115] (3.6 [4.5])		91(3.6)		115 (4.5)	
	Min. spindle Indexing angle (C-axis)		deg	-	0.001	-	0.001	-	0.001	-	0.001	-	0.001	-	0.001
Turret	No. of tool stations		ea	12	12	10 {12}	12	10 {12}*	12	10 {12}*	12	10 {12}*	12 {24}*	10 {12}	12 {24 position index}*
	OD tool size		mm (inch)	25 x 25 (1 x 1)		25 x 25 (1 x 1)		25 x 25 (1 x 1)		25 x 25 (1 x 1)		25 x 25 (1 x 1)		25 x 25 (1 x 1)	
	Max. boring bar size		mm (inch)	40 (1.6)		40 (1.6)		50 (2.0)	40 (1.6)	50 (2.0)	40 (1.6)	50 (2.0)			
	Turret Indexing time (1 station swivel)		s	0.15		0.15		0.15		0.15		0.15			
	Max. Rotary tool speed		r/min	-	5000	-	5000	-	5000	-	5000	-	5000	-	5000
	Rotary tool motor power		kW (Hp)	-	5.5 (7.4)	-	5.5 (7.4)	-	5.5 (7.4)	-	5.5 (7.4)	-	7.5 (10.1)	-	7.5 (10.1)
Tailstock	Tailstock travel		mm (inch)	580 (22.8)		580 (22.8)		680 [1100] (26.8 [43.3])		1625 [1595]		830 [1350] (26.8 [45.3])			
	Quill diameter		mm (inch)	80 (3.1)		80 (3.1)		100 (3.9)		100 (3.9)		100 (3.9)			
	Quill travel		mm (inch)	80 (3.1)		80 (3.1)		100 (3.9)		100 (3.9)		100 (3.9)			
	Quill bore taper		MT	MT#4 {#3 (Dead)}*		MT#4 {#3 (Dead)}*		MT#5 {#4 (Dead)}*		MT#5 {#4(Dead)}*		MT#5 {#4(Dead)}*			
Power source	Electric power supply (rated capacity)		kVA	29.04	30.43	29.04	30.43	38.41		34.58	34.58	36	34	36	34
Machine Dimensions	Length		mm (inch)	2940 (115.7)		2985 (117.5)		3290 [3735] (129.5 [147.0])		4855 [4960] (191.1 [195.3])	4855 [4960] (191.1 [195.3])	3960[4525] (155.9[178.1])	3800[4465] (149.6[175.8])	4068[4633] (160.2[182.4])	3865[4465] (152.2[175.8])
	Width		mm (inch)	1632 (64.3)		1632 (64.3)		1707 (67.2)		2198 (86.5)		2102 [2394] (82.8 [94.3])			
	Height		mm (inch)	1700 (66.9)		1700 (66.9)		1720[1762] (67.7[69.4])		2030 (79.9)		1915 [2110] (75.4 [83.1])			
	Weight		kg (lbf)	3700 (8157)	3800 (8377.4)	3800 (8377.4)	3900 (8597.9)	4300[4900] (9479.7 [10802.5])	4350[4950] (9590 [10912.7])	5900 [6050] (13007.1 [13337.8])	5950 [6100] (13117.3 [13448.0])	5450 [6850] (12015.0 [15101.4])	5600 [7000] (2345.7 [15432.1])	5500 [6900] (12125.2 [15211.7])	5650 [7050] (222.4 [277.6])
Control	NC system		DOOSAN Fanuc i Plus, SIEMENS S828D												

PUMAGT series

* { } : option
*** The specifications and information above-mentioned may be changed without prior notice. For more details, please contact Doosan