

Machine Specifications : **Arjun 500/650/850/1100**

* Optional Mentioned in ()

	Parameter	Unit	Arjun - 500	Arjun - 650
Travel	X-axis travel	mm	500	650
	Y-axis travel	mm	300	450
	Z-axis travel	mm	450	500
	Spindle nose to table surface	mm	90-540	150-650
Table	Table Dimension (LxW)	mm	600 x 300	800 x 450
	Maximum Load	kg	500	600
	T- slots - SIZE / NO / PITCH		18mmx3x105mm	18mmx3x110mm
Spindle	Spindle speed	rpm	8000	8000
	Spindle power (cont/30 min)	kw	3.7/5.5(5.5/7.5)	5.5/7.5(7.5/11)
	Spindle taper		BT-40	BT-40
Feed rate	X-axis Rapid traverse	m/min	36	36
	Y-axis Rapid traverse	m/min	36	36
	Z-axis Rapid traverse	m/min	36	24
	Cutting feed rate	m/min	10	10
Automatic Tool Changer	Type		Arm Type	
	Number of tools		16(20)	24
	Maximum tool length	mm	250	250
	Maximum tool weight	kg	8	8
	Maximum tool diameter with adjacent pocket full/empty	mm	70/150	75/150
Accuracy as per ISO 230-2	Positioning accuracy	mm	0.01	0.01
	Repeatability positioning accuracy	mm	0.006	0.006
	Machine dimensions LxWxH	mm	2000x1900x1800	2200x2000x2500
Installation data	Pneumatic pressure	kg/cm2	6	6
	Total connected load	KVA	15	22
	Machine tool weight	kg	2500	3500
CNC controller	Mitsubishi M80A(M70B) / Fanuc oiMF / Siemens 828D			

	Parameter	Unit	Arjun - 850	Arjun - 1100
Travel	X-axis travel	mm	850	1100
	Y-axis travel	mm	500	600
	Z-axis travel	mm	550	550
	Spindle nose to table surface	mm	150-700	150-700
Table	Table Dimension (LxW)	mm	1000 x 500	1200 x 600
	Maximum Load	kg	800	1000
	T- slots - SIZE / NO / PITCH		18mmx5x100mm	18mmx5x100mm
Spindle	Spindle speed	rpm	8000	8000
	Spindle power (cont/30 min)	kw	7.5/11(11/15)	7.5/11(11/15)
	Spindle taper		BT-40 (BT-50)	BT-40 (BT-50)
Feed rate	X-axis Rapid traverse	m/min	36	36
	Y-axis Rapid traverse	m/min	36	36
	Z-axis Rapid traverse	m/min	24	24
	Cutting feed rate	m/min	10	10
Automatic Tool Changer	Type		Arm Type	Arm Type
	Number of tools		24	24
	Maximum tool length	mm	250	250
	Maximum tool weight	kg	8	8
	Maximum tool diameter with adjacent pocket full/empty	mm	75/150	75/150
Accuracy as per ISO 230-2	Positioning accuracy	mm	0.01	0.01
	Repeatability positioning accuracy	mm	0.006	0.006
	Machine dimensions LxWxH	mm	2450x2250x2650	2750x2300x2650
Installation data	Pneumatic pressure	kg/cm2	6	6
	Total connected load	KVA	25	30
	Machine tool weight	kg	5800	7000
CNC controller	Mitsubishi M80A(M70B) / Fanuc oiMF / Siemens 828D			

In keeping with our constant endeavour to meet ever-changing market needs, we reserve the right to alter or change the specifications mentioned without prior notice.



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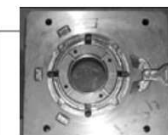
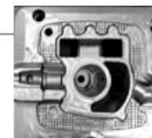
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Arjun Series

CNC Vertical Machining Center



*The photos are only indicative. For details always refer specifications.