



GIANT Series

600 II 800

A True Slant Bed Horizontal Turning Centre With
Y-Axis and Turnmill Options



Rigidity & Reliability Never Compromised !

TECHNICAL SPECIFICATIONS OF GIANT SERIES

Details	SPECIFICATIONS	UNIT	600	600S	800	800S
Capacity	Swing Over Bed	mm	570	600	570	600
	Swing Over Carriage	mm	250	275	250	275
	Maximum Turning Dia	mm	450	450	450	450
	Maximum turning Length	mm	620	600	820	800
Spindle	Spindle Nose	Type	A2-6	A2-8	A2-6	A2-8
	Spindle Bore	mm	75	90	75	90
	Maximum Bar Capacity Through Spindle / opt.	mm	51/65	75	51/65	75
	Chuck Size Std. / Optional	mm	200/250	250/305	200/250	250/300
	Spindle Motor Power Cont. / 30 Min. Rating	kw	7.5/11	11/15	7.5/11	11/15
	Spindle Speed Range Min. - Max.	rpm	50-3500	25-2500	50-3500	25-2500
Travel	Spindle Torque Cont. / 30min.	Nm	67/98	98/135	67/98	98/135
	X-Axis Stroke	mm	235	235	235	235
	Z-Axis Stroke	mm	630	630	825	825
	Maximum Cutting Feedrate (X / Z)	mm/Min.	6000	6000	6000	6000
Tailstock	Rapid Feedrate (X / Z)	mm/Min.	24000	24000	24000	24000
	Quill Diameter	mm	100	100	100	100
	Quill Stroke	mm	120	120	120	120
	Taper In Quill	Type	MT-5	MT-5	MT-5	MT-5
	Maximum Quill Thrust	Kgf	1300	1300	1300	1300
Turret	Tail Stock Body Travel	mm	350	350	550	550
	Turret Size	Size	BTP80	BTP100	BTP80	BTP100
	Turret Type	Type	Ele. Mech.	Ele. Mech.	Ele. Mech.	Ele. Mech.
	Numbers Of Tool Stations	Nos.	8	8	8	8
	Maximum Boring Bar Diameter	mm	40	40	40	40
Others	Tool Shank	mm x mm	25x25	25x25	25x25	25x25
	Positioning Uncertainty X / Z	mm	0.008	0.008	0.008	0.008
	Positioning Repeatability X / Z	mm	+/- 0.002	+/- 0.002	+/- 0.002	+/- 0.002
	Hydraulic Tank Capacity	Litre	40	40	40	40
	Lubrication Tank Capacity	Litre	03	03	03	03
	Coolant Tank Capacity	Litre	150	150	250	250
	Machine Over All Dimensions L x W x H	mm x mm x mm	2500x1400x1800	2500x1400x1800	2800x1400x1800	2800x1400x1800
	Machine Weight (Approx.)	Kg	3500	4000	4500	5000

Note: Any Specification Can Be Changed Without Prior Notice , Due To Continuous Product Improvements . Kindly Check With EDGE Sales Team Before Ordering .

Machine Weight Of Same Model Can Be Very From Machine To Machine . X-axis , Z-Axis Stroke May Vary +/- 15mm From The Specification Written Above

Optional Features

Steady Rest

Hydraulic Turret

12 Station Turret

Collet Chuck

Live Centre

Chip Conveyor

EDGE Machines

Khasra No.75 , Vill. Jamalpur

G.T Road , Phagwara , Punjab

India 14463

Mob. 0091-8195001122

e-mail : sales@edgemachines.co.in