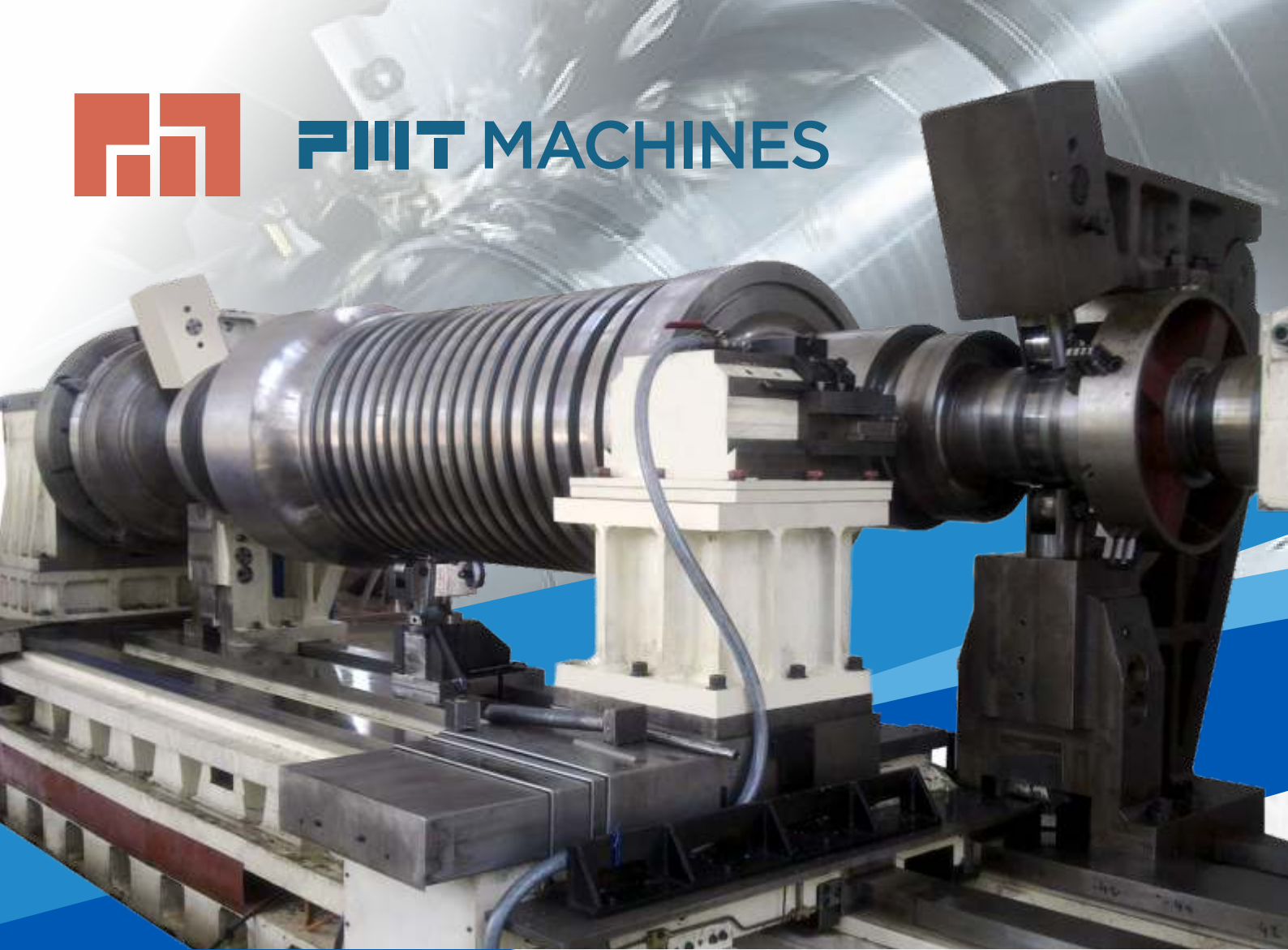




PIIT MACHINES



supercut - 25

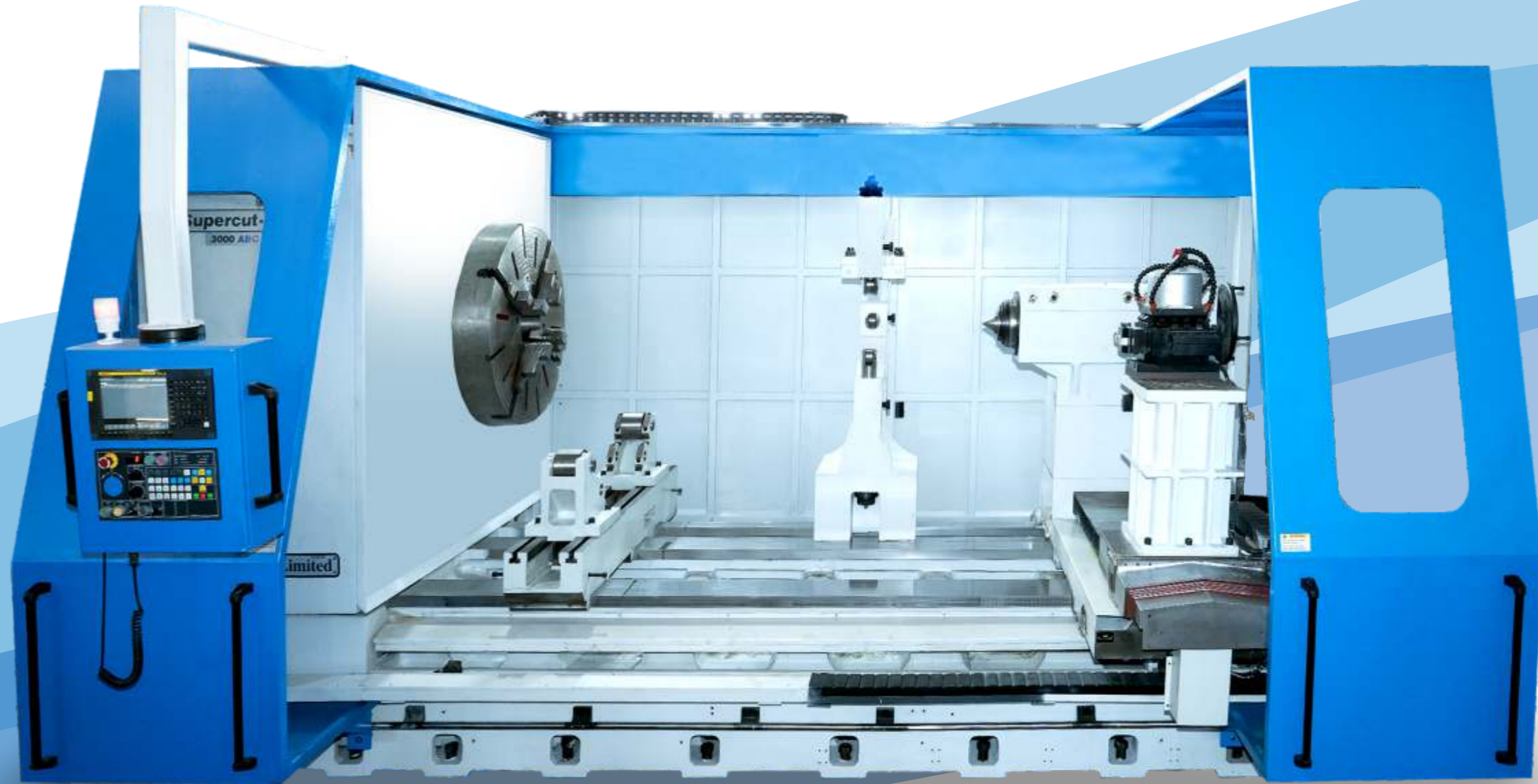
HEAVY DUTY FLAT BED BIG BORE TURNING CNC LATHE

- ▶ Four guideway heavy duty flat bed CNC lathes
- ▶ Robust spindle with big bore size : A2-15 / A2-20
- ▶ Suitable for heavy duty rotor and shafts
- ▶ Integral hardened and precision ground guideways
- ▶ Wide span guideways - separate for TS / SR / WR and saddle movement
- ▶ Precision ball-screw Fixed-Fixed, pre-stretched mounting - higher stiffness & accuracy
- ▶ Turret 4 station fixed / indexing
- ▶ Chip conveyor or chip trolley along the machine
- ▶ Latest FANUC or Siemens CNC system C-axis, Live tools optional

3000/5000 ABC

SUPERCUT 25

3000 / 5000 ABC



SPECIFICATION : 3000/5000 ABC SUPERCUT 25

Capacity	Unit	3000ABC	5000 ABC
Chuck size Max (Manual)	mm	1000	1500
Turning length between centre	mm	3000	5000
Max Turning diameter between centre	mm	1200/1500	1500/2000
Swing over bedways	mm	1500/1700	1700/2100
Bed guideway type	Type	Flat	Flat
Number bed guideways tyep	nos	4	4
Headstock:			
Spindle nose*		A2-15	A2-20
Hole through spindle	mm	190	200
Front bearing dia	mm	240	260
Spindle speed range	rpm	20-800	10-500
Constant power speed range	rpm	Refer speed-power graph	
Spindle motor power cont	kW	22 / 30 / 45	
Spindle center height	mm	1900	2000
Axes:			
X-axis stroke	mm	800	800 / 1000
Z-axis stroke	mm	3000	5000
Ball-screw dia & pitch	mm	Dia 40 x 10P (X), Dia 63 x 10P(Z)	
Axes motor power and torque	Nm	27	27
Rapid rate	m/min	10(X),06(Z)	
Feed rate	mm/min	5000	5000
Turret & Tooling's:			
Turrent type		EM / SERVO / 4 position	
Number of stations		4 fixed / indexing	
Positioning Accuracy (indexing)	deg	+/-6"	+/-6"
Repeatability (indexing)	deg	+/-2"	+/-2"
Typ of Disc (indexing)		Vertical	
Turning tool size	mm	40 x 40	
Boring bar size	mm	Dia 50 / Dia 60	
Tailstock: (Manual)			
Quill diameter	mm	160 / 250	
Tailstock centre		Metric - 80 / A2-6	
Quill movement	mm	150 / 250	
Tailstock travel	mm	2000	4000
Tank Capacity:			
Coolant tank with chip conveyor	Ltr	300	300
Hydraulic tank capacity	Ltr	50	50
Machine Size & Weight:			
Lx Wx (approx)	mm	7 x 4 x 3.2	9 x 4 x 3.2
Weight (approx) Co. chip conveyor	kg	20000	25000
CNC System :			
No. of axes		2	2
Electricals		415V, 3 Phase, 50Hz	
Control voltage		24 V DC	24 V DC
Total connected load (Approx)	KVA	40 / 50 / 60	
Accuracies			
Positioning accuracy x/z	mm	0.01(X)/0.015/300(Z)	
Repeatability accuracy x/z	mm	0.006	0.006
Other features on request		<ul style="list-style-type: none"> • Weight between centers with one steady 5000 kgf • Weight between centers with two steady 8000 kgf • Tailstock movement motorised 	

Note : All specification in this catalogue are subject to change without notice

*Bearings ACBB-DRCB std, TRB optional | Job weight 20T max contact us.

Chuck



Turret



Work Rest



Tail Stock



Steady Rest



FIIT MACHINES LIMITED

Head Office & Works : P.O.Box No. 1102, Behind PCMC Building, Mumbai-Pune Road, Pimpri, Pune - 411 018 (India)

Tel. No.- +91-20-27426219 to 23

E-mail - rd@pmtmachines.com, marketing@pmtmachines.com

Website - www.pmtmachines.com

Halol Works : 178, Kadachala, Halol - 389350. Gujarat (India)

Tel. No.- +91-02676-246786/87

E-mail - cb@pmtmachines.com, mkt.brd@pmtmachines.com

Sales and Service Network

MUMBAI Mobile. No - 98217 13400 | 93217 13400

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E-mail - pmtmumbai@pmtmachines.com | pmtmumbai@gmail.com

E-mail - pmtdelhi@pmtmachines.com

E-mail - pmtbangalore@pmtmachines.com | pmtbangalore6@gmail.com

E-mail - pmtchennai@pmtmachines.com | pmtmadras02@gmail.com

E-mail - pmtcbe@gmail.com

E-mail - dalbir34singh@rediffmail.com | pmtjsr@gmail.com

E-mail - mkt.brd@pmtmachines.com

E-mail - pmtkolkata@gmail.com

E-mail - ssd@pmtmachines.com