



supercut - 20

HEAVY DUTY SLANT BED BIG BORE TURNING CNC LATHE

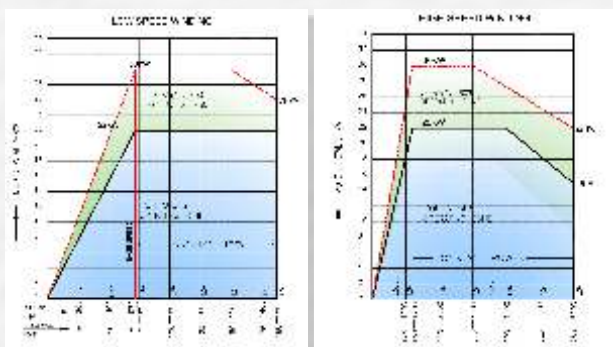
- ▶ Robust spindle with big bore size : A2-11 / A2-15
- ▶ Suitable for heavy duty rotor and shafts
- ▶ Integral hardened and precision ground guideways
- ▶ Precision ball-screw Fixed-Fixed, pre-stretched mounting - higher stiffness & accuracy
- ▶ Chip conveyor or chip trolley along the machine
- ▶ Latest FANUC or Siemens CNC system C-axis, Live tools optional

2000/3000 ABC

SPECIFICATION : SUPERCUT 20 - 2000/3000 ABC

Capacity	Unit	2000	3000
Chuck size	mm	500	1000
Turning length between centre	mm	2000	3000
Max Turning diameter between centre	mm	500	1000
Swing over cross slide	mm	650	1700
swing over way covers	mm	850	1700
Max bar work size **	mm	100	160
Slant angle to horizontal	deg	35	35
Headstock:			
Spindle nose	Type	A2-11	A2-15
Hole through spindle	mm	120	180
Front bearing dia	mm	160	240
Spindle speed range	rpm	20-2000	10-800
Constant power speed range	rpm	500/1000	500
Spindle motor power	kW	18.5/22	22/30*
Spindle center height	mm	1100	1100
Axes:			
X-axis stroke	mm	300	500
Z-axis stroke	mm	2000	3000
Axes motor power and torque	Nm	27	27
Rapid rate	m/min	10000	10000
Feed rate	mm/min	5000	5000
Turret & Tooling's:			
Turrent type	Type	EM/Hyd.	
Number of stations	Nos	8/12	
Positioning Accuracy	deg	+/-6" / +/-4"	
Repeatability	deg	+/-2" / +/-1"	
Type of Disc	Type	Oct-Slotted wedge type	
Turning tool size	mm	40 x 40	
Boring bar size	mm	Ø50/Ø60	
Tailstock:			
Quill diameter	mm	140	250
Tailstock centre	Taper	MT-6	MT-6
Quill movement	mm	110	150
Tank Capacity:			
Coolant tank with chip conveyor	Ltr	200	300
Hydraulic tank capacity	Ltr	50	50
Machine Size & Weight:			
Lx Wx (approx)	mm	6500x2500x2000	7000x2700x2200
Weight (approx) Co. chip conveyor	kg	13000	15000
CNC System :			
No. of axes	Nos	2	2
Electricals		415V, 3 Phase, 50Hz	415V, 3 Phase, 50Hz
Control voltage		24 V DC	24 V DC
Total connected load (Approx)	KVA	50	60
Accuracies			
Positioning accuracy x/z	mm	0.01(X)/0.015/300(Z)	
Repeatability accuracy x/z	mm	0.006	
Note : All specifications in this catalogue are subject to change without notice.			

*Dependent on selection of work holding



Turret



Tail Stock



Steady Rest



PIIT 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	E-mail - pmtmumbai@pmtmachines.com pmtmumbai@gmail.com
NEW DELHI	Mobile. No - 98104 01815	E-mail - pmtdelhi@pmtmachines.com
BANGALORE	Mobile. No - 99860 48173	E-mail - pmtbangalore@pmtmachines.com pmtbangalore6@gmail.com
CHENNAI	Mobile. No - 98401 02157	E-mail - pmtchennai@machines.com pmtmadras02@gmail.com
COIMBATORE	Mobile. No - 98403 66822	E-mail - pmtcbe@gmail.com marketing@pmtmachines.com
JAMSHEDPUR	Mobile. No - 99341 19234	E-mail - dalbir34singh@rediffmail.com pmtjsr@gmail.com
VADODARA	Mobile. No - 96625 03927	E-mail - mkt.brd@pmtmachines.com
KOLKATA	Mobile. No - 70034 85126	E-mail - pmtkolkata@gmail.com marketing@pmtmachines.com
KOLHAPUR	Mobile. No - 97305 76789	E-mail - ssd@pmtmachines.com marketing@pmtmachines.com