



Supercut - 8N

NEW COMPACT SERIES CNC TURNING MACHINE

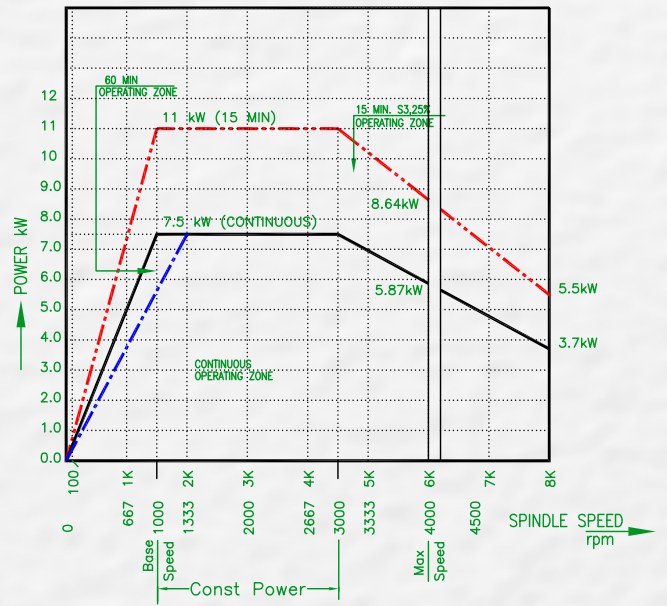
- ▶ Robust spindle with big bore sizes
- ▶ High rapid traverse 20 m/min - lesser non cutting time (x-axis)
- ▶ Compact foot print in its class
- ▶ Precision linear motion guide ways for axes
- ▶ Precision ball-screw Fixed-Fixed, pre-stretched mounting- higher stiffness & accuracy
- ▶ Slide in chip trolley or chip conveyor
- ▶ Latest FANUC or Siemens CNC system
- ▶ Turn Mill centers - Live tool and C-axis optional.

600 ABC

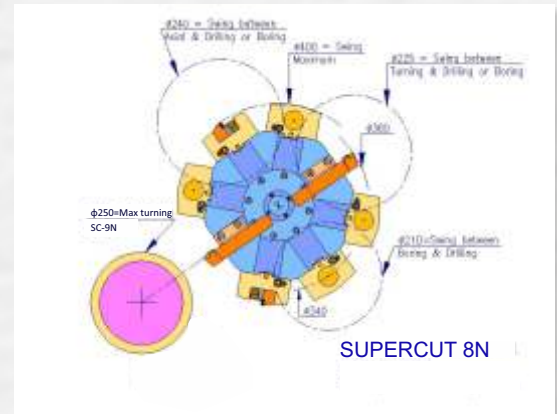
SPECIFICATION : SUPERCUT 8N- 600 ABC

Capacity	Unit	SC8N
Chuck size	mm	Ø200
Admit Between Center	mm	650
Turning length between centre	mm	600
Max Turning diameter between centre	mm	250
Swing over cross slide	mm	300
swing over way covers	mm	450
Max bar work size **	mm	Ø42
Slant angle to horizontal	deg	35
Headstock		
Spindle nose		A2-6
Hole through spindle	mm	Ø55
Front bearing dia	mm	Ø90
Spindle speed range	rpm	35-3500
Constant power speed range	rpm	1000-3000
Spindle motor power	kW	7.5/11
Spindle center height	mm	1000
Axes		
X-axis stroke	mm	170
Z-axis stroke	mm	400/650
Axes motor power and torque	Nm	7
Rapid rate	m/min	20(X), 12(Z)
Feed rate	mm/min	8000
Turret & Tooling's		
Turrent type	Type	EM/HYD.
Number of stations	Nos.	8/12
Positioning Accuracy	deg	± 6" / ± 4"
Repeatability	deg	± 2" / ± 1"
Typ of Disc	Type	Oct-Slotted wedge type
Turning tool size	mm	25x25
Boring bar size	mm	Ø40
Tailstock		
Quill diameter	mm	80
Tailstock centre	mm	MT-4
Quill movement	mm	100
Tailstock travel	mm	600
Maximum thrust at 25 bar	Nm	5,000
Tank Capacity		
Coolant tank with chip trolley	Ltr	100
Coolant tank with chip conveyor	Ltr	100
Hydraulic tank capacity	Ltr	45
Machine Size & Weight		
Lx Wx (approx)	mm	2500x1500x1700
Weight (approx) Co. chip conveyor	kg	2700
CNC System		
No. of axes	Nos.	2
Electricals	-	415V, 3 Phase, 50Hz
Control voltage	-	24 V DC
Total connected load (Approx)	KVA	40
Accuracies		
Positioning accuracy x/z	mm	0.01(X)/0.015/300(Z)
Repeatability accuracy x/z	mm	0.004
Note : All specifications in this catalogue are subject to change		

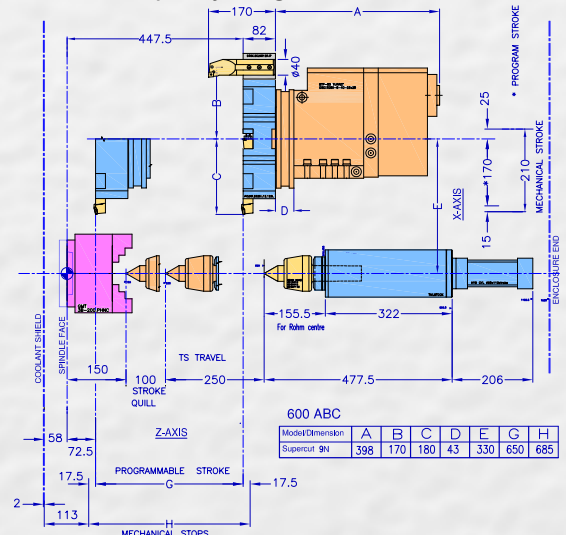
Spindle Speed Power Chart



Turret Interference Diagram



Machine Capacity Diagram



*Dependent on selection of work holding

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