



Supercut - L

NEW LONGER SERIES CNC TURNING MACHINE

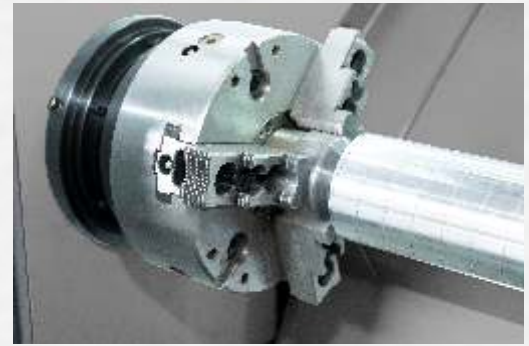
- ▶ Modular concept, Common platform for 1500 / 2000 / 3000 Models
- ▶ Robust spindle with big bore sizes
- ▶ High rapid traverse 20 m/min - lesser non cutting time (x-axis)
- ▶ Compact foot print in its class
- ▶ Precision linear motion guide ways for axes
- ▶ Precision ball-screw Fixed-Fixed, pre-stretched 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.

1500/2000/3000 ABC

SPECIFICATION : SUPERCUT L Series

Capacity	Unit	1500 L	2000 L	3000 L
Chuck size	mm	250	300	400
Turning length between centre	mm	1500	2000	3000
Max Turning diameter between centre	mm	250	300	400
Swing over cross slide	mm	300	450	450
swing over way covers	mm	500	500	500
Max bar work size **	mm	62	80	100
Slant angle to horizontal	deg	35	35	35
Headstock:				
Spindle nose		A2-6	A2-8	A2-11
Hole through spindle	mm	76	90	120
Front bearing dia	mm	110	130	160
Spindle speed range	rpm	35-3500	30-3000	25-2000
Constant power speed range	rpm	1000-3000	1000-3000	750-2000
Spindle motor power	kW	11./15	18.5/22	18.5/22/30(0)*
Spindle center height	mm	1100	1100	1100
Axes:				
X-axis stroke	mm	220	220	220
Z-axis stroke	mm	1500	2000	3000
Axes motor power and torque (X/Z)	Nm	11/11	11/22	11/22
Rapid rate	m/min	20(X),8(Z)		
Feed rate	mm/min	8000	8000	8000
Turret & Tooling's:				
Turrent type		Electromechanical		
Number of stations		8		
Positioning Accuracy	deg	+/-6"		
Repeatability	deg	+/-2"		
Type of Disc		Oct-Slotted wedge type		
Turning tool size	mm	25x25	32x32	32x32
Boring bar size	mm	∅40	∅40/∅50	∅40/∅50
Tailstock:				
Quill diameter	mm	80	80	80
Tailstock centre		MT-4	MT-4	MT-4
Quill movement	mm	100	100	100
Tailstock travel	mm	1300	1800	2200
Maximum thrust at 25 bar	Nm	10,000	10,000	10,000
Tank Capacity:				
Coolant tank with chip trolley	Ltr	220	260	350
Coolant tank with chip conveyer	Ltr	220	260	350
Hydraulic tank capacity	Ltr	40	40	40
Machine Size & Weight:				
Lx Wx (approx)	m	4 x 2	4.6 x 2	6 x 2
Weight (approx) Co. chip conveyer	kg	5500	7200	9400
CNC System :				
No. of axes		2	2	2
Electricals		415V, 3 Phase, 50Hz		
Control voltage		24 V DC	24 V DC	24 V DC
Total connected load (Approx)	KVA	30	40	40
Accuracy				
Positioning accuracy x/z	mm	0.01(X)/0.015/300(Z)		
Repeatability accuracy x/z	mm	0.006	0.006	0.006
Note : All specifications in this catalogue are subject to change without notice.				

Chuck



Turret



Tail Stock



Steady Rest



*Dependent on selection of work holding

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