



An ISO 9001:2008 Company

VRAJ MACHINETOOLS PRIVATE LIMITED.



VRAJ MACHINETOOLS PRIVATE LIMITED.

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SBL 165

Technical specifications

Capacity:

Swing over bed		480 mm
Chuck dia, max		165 mm
*Collet Chuck	Round	42 mm
	Hex	36 mm
	Square	29 mm
Max. turning diameter		200 mm
Max. turning length		300 mm
Admit between center		320 mm

Spindle:

Spindle nose		A2-5
Spindle Type		Cartridge type Spindle
		Angular contact bearing (NSK 7016)
Hole through spindle		52 mm
Spindle Bearing Dia		80 mm
Spindle speed		50-4000 rpm
Spindle motor power		3.7 kw

Axis Detail:

Cross travel X-axis		105 mm
Longitudinal travel Z-axis		320 mm
Rapid traverse rate	X - Axis	10 m/min
	Z - Axis	20 m/min
Ball Screw	X - Axis	25x5 mm (C3 Class)
	Z - Axis	32X10 mm (C3 Class)
Rated Torque	X - Axis	6 Nm
	Z - Axis	6 Nm

Turret:

No. of stations		8 nos.
Tool shank size		25X25 mm
Maximum boring bar dia.		40 mm
Turret indexing		Hydraulic

*Tailstock:

Quill dia		60 mm
Quill stroke		70 mm
Quill taper		MT-4

Accuracy:

Repeatability		0.005 mm
Positioning		0.008 mm

CNC system:

Controller		Siemens 808 D Advance with Absolute Encoder Motor
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Machine size:

L x W x H		2000 X 1450 X 1580 mm
Machine Weight (Approx)		2500 kg

* Optional

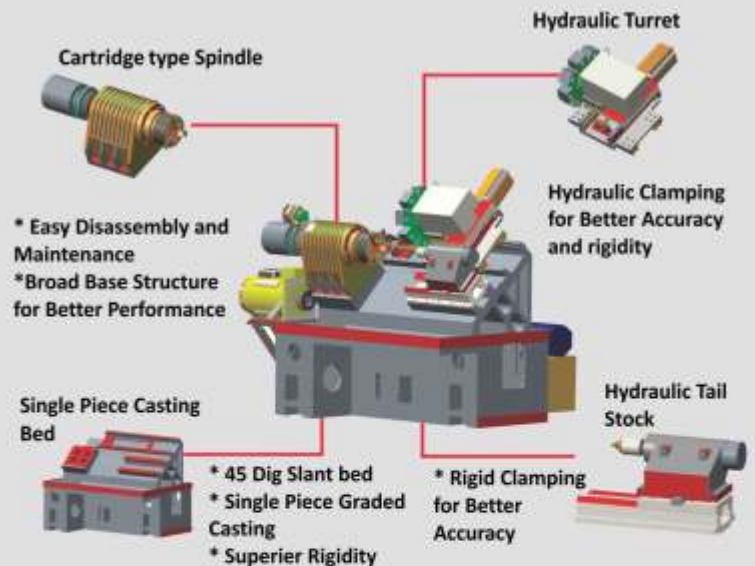
Note : Specifications and colours are subject to change without prior notice. Accessories shown may not be part of standard

Standard Accessories

- ☞ Coolant supply equipment
- ☞ Foot switch
- ☞ Hand tool kit (including small tool for operations)
- ☞ Hydraulic chuck and actuating cylinder
- ☞ Hydraulic power unit
- ☞ Levelling jack screw and plates
- ☞ Lubrication equipment
- ☞ Soft jaws & Hard jaw (1 Pair)

Optional Accessories

- ☞ Collet Chuck
- ☞ Master Sleeve A32
- ☞ Master Sleeve A42
- ☞ Collets For Collet Chuck
- ☞ Bar Feeder interface
- ☞ Operating Door Inter lock
- ☞ Tail Stock
- ☞ Tool Holders & Sleeves
- ☞ Siemens Servo Spindle 3.7 / 5 Kw
- ☞ Tower lamp
- ☞ Panel Ac



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