



Simran Tools International

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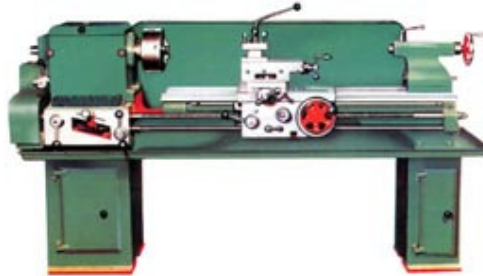
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Lathe Machine – V-belt



Most up-to-date yet simplest design and robust construction ensures precise performance, easy operation and higher productivity. The materials used in these lathes are only selected ones and machines are manufactured strictly on quality basis to give long trouble free service. Every machine guarantees a precision and economic working and cuts cost ultimately.

Construction Features

BED : Of closely grained special grade alloy cast iron, with gap adequately cross ribbed for rigidity, seasoned to eliminate chances of distortion and twisting. It has accurately aligned Vee and Flat guideways.

HEADSTOCK : Is a rigid cast-iron body of compact and rugged design to absorb the strains transmitted to it by the spindle. It has parallel adjustable taper roller bearings of ample area to ensure longer and trouble free service to the unit.

TAILSTOCK : Streamlined tail stock of robust construction is provided with Micro Meter dial for line adjustment control in depth drilling. The quill is of self design with a scale.

SADDLE : Sturdily designed to absorb high stresses involved in high speed turning and slides on very large Vee ways. Bed-Wipers are fitted to prevent the ingress of metallic parts on the sliding faces. The Apron-Box turning feed is an AUTO STOP.

SPINDLE : The hollow spindle of carbon steel is very finely ground and mounted on adjustable Taper Roller bearings on both sides. Every spindle is dynamically balanced.

LEADSCREW : Made from specially selected stress free annealed carbon steel centreless ground bar. Each lead screw has been finished on special pitch correcting lathe of extreme accuracy so as to result in long life of screw even under the most exacting conditions of service.

BED : Hardened Bed is our other specialty.



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SPECIFICATIONS :

MODEL	SILM-V1		SILM-V2		SILM-V3		SILM-V4	
Length of Bed	4'-6"	1371 mm	6'-0"	1830 mm	6'-6"	1981 mm	8'-0"	2439 mm
Width of Bed	11"	280 mm	11"	280 mm	12"	305 mm	12"	305 mm
Centre Height	9"	228 mm	9"	229 mm	10"	254 mm	10"	254 mm
Centre Distance	27-1/2"	698 mm	43-1/2"	1100 mm	47"	1194 mm	65"	1651 mm
Over Bed	16"	406 mm	16"	406 mm	19"	482 mm	19"	482 mm
Swing Over Slide	12-1/2"	317 mm	12-1/2"	317 mm	15"	381 mm	15"	381 mm
In Gap Dia	23"	584 mm	23"	584 mm	29"	737 mm	29"	737 mm
Over Cross Slide	10-3/4"	273 mm	10-3/4"	273 mm	12-1/2"	317 mm	12-1/2"	317 mm
Gap From Face Plate	7"	178 mm	7"	178 mm	9"	228 mm	9"	228 mm
Hole of Spindle	1-3/4"	44 mm	1-3/4"	44 mm	2-1/8"	54 mm	2-1/8"	54 mm
Morse Taper of Tail	No. 3		No. 3		No. 4		No. 4	
Stock	4 T.P.I.		4 T.P.I.		4 T.P.I.		4 T.P.I.	
Pitch of Lead Screw	4 to 112		4 to 112		4 to 112		4 to 112	
Standard Threads	6 to .05		6 to .05		6 to .05		6 to .05	
Spindle Speed	650 to 940 R.P.M.		650 to 940 R.P.M.		636 to 810 R.P.M.		636 to 810 R.P.M.	
H.P. Required	2 H.P.		2 H.P.		3 H.P.		3 H.P.	
Apprx. wt. of Machine	800 K.G.		870 K.G.		1100 K.G.		1200 K.G.	

Free Accessories :

Face Plate, Traveling Steady, Fix Steady, Chuck Plate

Extra Accessories :

Electric Motor, Reversible Switch, 3 Jaw Self Centring Chuck, 4 Jaw Independent Dog Chuck, Motorised Coolent Pump with Cabinet & Fitting, Rear Tool Post with Sepcial Cross Slide, Machine Lamp

All Specifications are subject to change towards modifications and improvements without any prior notice.