

# Simran Tools International

664, Military Road, Anand Parbat, New Delhi – 1100 05 (India).

E-mail : simrantools@vsnl.net

E-mail : simranindustries@vsnl.net

Website : www.simranindustries.com (for machinery)

Website : www.simrantools.com (for tools & equipments)

Mobile : + 91-9313811414

Phone : + 91-11-32913249

Fax : + 91-11-25861340

## Lathe Machine – All Geared Lathe



### **SPECIAL FEATURES**

Hardened & ground bed ways, gears, spindle, spline, shaft, quill etc. (Turcite B) Linear Bearing System on Carriage.

Head stock body is of latest specially designed.

The spindle is mounted on selected precision bearings.

Spindle speeds in geometric progress ratio.

Oil infiltration splash lubrication. American Lo type spindle nose.

Gear Box Arrangement for real time saving equipment.

Quick change gear box provides changes of feeds & threads.

Separate lead screw & feed shaft for threading pitch accuracy.

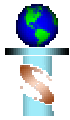
Apron are totally enclosed oil bath system.

T-Slot on carriage for mounting special features.

Lever type arrangement for automatic feeds.

Graduation dial for tail stock & wheel movement.

Metric system micro collar for all screws & nuts.



# Simran Tools International

Tail stock sleeve is tang shank type for heavy drilling.  
Easy to operate & Inter changeable parts.  
Trolley type chip disposal system.

**Specifications are in mm & approximate only.**

## **SPECIFICATIONS :**

Model No.	SILM-G34	SILM-G35	SILM-G40	SILG-G43	SILM-G50	SILM-G60
Height of Centers	170	175	200	215	250	300
Swing over bed	340	350	400	430	500	600
Swing over slide	180	190	240	270	290	390
Width of bed	240	242	280	305	325	375
Spindle bore	40	40	51	52	53	80
Spindle nose	LOO-Type	LOO-Type	LO-Type	LO-Type	LO-Type	LO-Type
Spindle Speed No.	8	16 H-L	16 H-L	16 H-L	18 H-L	16 H-L
RPM	60-1025	48-1535	48-1535	40-1415	30-1550	30-1550
Cross slide Travel	175	180	210	240	260	325
Top slide Travel	125	125	125	130	150	150
Tail Stock Sleeve	MT-3	MT-3	MT-3	MT-4	MT-4	MT-4
Quill Dia. Travel	50/125	50/125	50/125	75/150	75/150	75/150
Tool shank section	20 X 20mm	20 X 20mm	20 X 20mm	20 X 20mm	25 X 25	25 X 25
Metric Thread	40/0.4-7mm	40/0.4-7mm	40/0.4-7mm	40/0.4-7mm	40/0.4-7	40/0.4-7
Thread Per Inch	45/70-4 TPI	45/70-4 TPI	45/70-4 TPI	45/70-4 TPI	45/70-4 TPI	45/70-4 TPI
Lead Screw	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI	4 TPI
Main Motor	1.5 Kw	1.5 Kw	1.5 Kw	2.25 Kw	3.7 Kw	3.7 Kw
Admit Between Center	600	750/1000	750/1000	1000/1500/2500	1000/1600/2500	1500/2500/3000
Bed Length Feet	4.5'	5' / 6'	5' / 6'	6' / 8' / 11'	7' / 9' / 12'	9' / 12' / 14'
Weight Apprx.	550	750 / 850	750 / 850	1000/1200/1500	1300/1500/1800	1900/2300/2600

### **Free Accessories :**

Driving Plate, Center Adopter, Dead Center-2, Thread Dial Indicator, Square Tool Post, Change Gears, Motor Stand, V-Belt Pulley, Allan Key Set Spanner Set, First Fill Oil, Vibration Pad, Foundation Bolt.

### **Extra Accessories :**

True Chuck, Dog Chuck, Chuck Plate, Face Plate, Steady Rest, Follow Post, Rear Tool Post, Rear Guard, Chuck Guard, Revolving Center

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