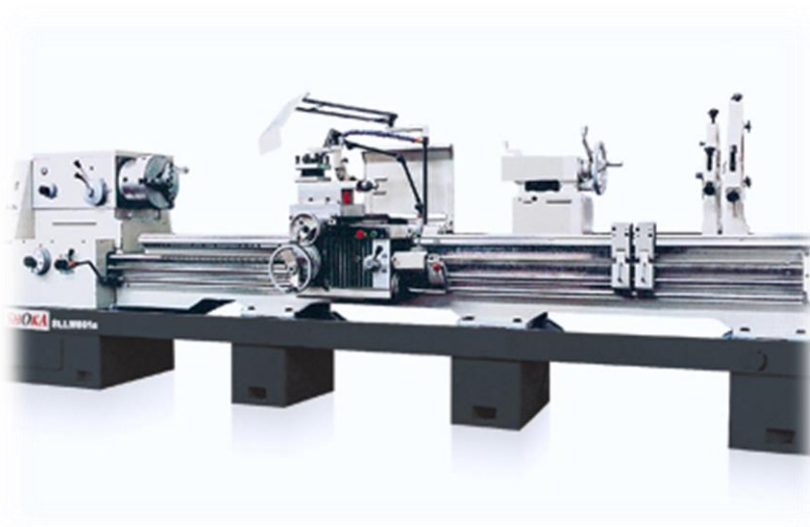


**SLLM** series**Manual light lathe Machine**

SLLM series lathe is suitable for machining the internal, external cylindrical surfaces and end surfaces as well as rotary surfaces. It can be used for turning different metric, whit worth, module and diametric threads. This series lathes can be used for drilling hole, reaming and oil grooving.

**Features**

1. Harden guide way with HRC52
2. Convenient and concentrated operation design with rapid feeding device
3. Powerful feeding box for heavy turning
4. Change gear for special treads realized
5. Variable spindle bore can be applicable  $\Phi 52\text{mm}$ ,  $\Phi 80\text{mm}$ ,  $\Phi 104\text{mm}$
6. Different voltages can be supplied for variable areas

### Technical specifications

Item		SLLM401a SLLM401b	SLLM501a SLLM501b	SLLM611a SLLM611b	SLLM661a SLLM661b	
Max. swing over bed		Φ400mm	Φ500mm	Φ610mm	Φ660mm	
Max. swing over carriage		Φ210mm	Φ300mm	Φ370mm	Φ400mm	
Max. swing in gap		Φ630mm	Φ720mm	Φ830mm	Φ830mm	
Effective gap length		210mm	210mm	210mm	210mm	
Max. length of work piece		1000/1500/ 2000/3000mm	1000/1500/ 2000/3000mm	1000/1500/ 2000/3000mm	1000/1500/ 2000/3000mm	
Width of bed		400mm	400mm	400mm	400mm	
Section of turning tools		25mm x 25mm	25mm x 25mm	25mm x 25mm	25mm x 25mm	
Spindle	Spindle speed	11-1400rpm (24 steps)	11-1400rpm (24 steps)	11-1400rpm (24 steps)	11-1400rpm (24 steps)	
	Spindle bore	52mm for a type 80mm for b type	52mm for a type 80mm for b type 104mm for c type	52mm for a type 80mm for b type 104mm for c type	52mm for a type 80mm for b type 104mm for c type	
	Spindle taper	MT6	MT6	MT6	MT6	
	Max. cutting force	13850N	13850N	13850N	13850N	
	Max. output torque of spindle	1400Nm	1400Nm	1400Nm	1400Nm	
Feed	Longitudinal feed of spindle per revolution (64 kinds)	Normal	0.08-1.59mm/rev	0.08-1.59mm/rev	0.08-1.59mm/rev	0.08-1.59mm/rev
		Fine	0.028-0.054mm/rev	0.028-0.054mm/rev	0.028-0.054mm/rev	0.028-0.054mm/rev
		Coarse	1.71-6.33mm/rev	1.71-6.33mm/rev	1.71-6.33mm/rev	1.71-6.33mm/rev
Thread	Range of metric thread	1-192mm (44kinds)	1-192mm (44kinds)	1-192mm (44kinds)	1-192mm (44kinds)	
	Range of inch threads	2-24tpi(21 kinds)	2-24tpi(21 kinds)	2-24tpi(21 kinds)	2-24tpi(21 kinds)	
	Range of module threads	0.25-48 (39 kinds)	0.25-48 (39 kinds)	0.25-48 (39 kinds)	0.25-48 (39 kinds)	
	Range of diametrical pitch threads	1-96DP (37 kinds)	1-96DP (37 kinds)	1-96DP (37 kinds)	1-96DP (37 kinds)	
Quill Travel of tailstock		150mm	150mm	150mm	150mm	
Diameter of quill of tailstock		Φ75mm	Φ75mm	Φ75mm	Φ75mm	
Taper of quill of tailstock		MT5	MT5	MT5	MT5	
Main motor power		7.5KW	7.5KW	7.5KW	7.5KW	
Net weight/ Gross Weight	1000mm	2100/2800kgs	2150/2850kgs	2260/3410kgs	2310/3060kgs	
	1500mm	2250/3050kgs	2300/3100kgs	2450/3150kgs	2500/3300kgs	
	2000mm	2600/3300kgs	2650/3350kgs	2800/3600kgs	2850/3650kgs	
	3000mm	3050/3850kgs	3150/3950kgs	3300/4200kgs	3550/4450kgs	
Packing size	1000mm	2668x1000x1267mm	2668x1037x1312mm	2668x1130x1367mm	2668x1130x1392mm	
	1500mm	3168x1000x1267mm	3168x1037x1312mm	3168x1130x1367mm	3168x1130x1392mm	
	2000mm	3668x1000x1267mm	3668x1037x1312mm	3668x1130x1367mm	3668x1130x1392mm	
	3000mm	4668x1000x1267mm	4668x1037x1312mm	4668x1130x1367mm	4668x1130x1392mm	

### **Standard accessories**

1. 3-jaw chuck
2. 4-jaw chuck
3. Face plate
4. Steady rest
5. Follow rest
6. Centers and center sleeve
7. Cooling device
8. Tools
9. Live center
10. Halogen working light

### **Optional accessories**

1. Taper attachment
2. Quick Tool changer
3. Threading cutting dial
4. bigger steady
5. bigger follow
6. bigger 3 –jaw chuck
7. bigger 4 –jaw chuck
8. DRO for two axis