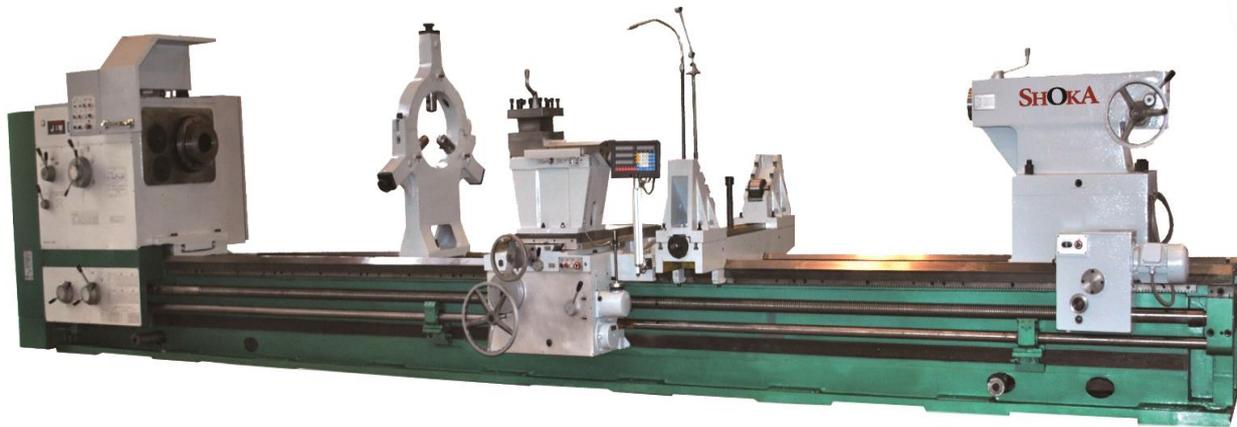


SHLM/8 series



Technical specifications

specification	SHLM100/8	SHLM125/8	SHLM140/8	SHLM160/8
Max. weight of work piece	8T			
Swing over bed	1000mm	1250mm	1400mm	1600mm
Swing over cross slide	620mm	870mm	1000mm	1100mm
Dis. between centers	1.5m,2m.3m.4m.5m.6m.8m.10m,12m			
Width of bed	780mm			
Headstock				
Spindle bore	Φ130mm			
Spindle taper	Metric 140#			
Range of spindle speeds	3. 15-315r/min or 2.5-250r/min Number. clockwise 21 kinds counter-clockwise 12kinds			
Feed box				
Metric threads range (number)	44 kinds 1-120mm			
Inch threads range (number)	31 kinds 1/4-24lpJ			
Module threads range (number)	45 kinds 0.5-60mm			
Diametric threads range.(number)	38 kinds .112-:-560P			
Longitudinal feeds range	56 kinds 0.1-12mm			
Cross feeds range	56 kinds 0.05-6nvn			
Rapid feed: Longitudinal/Cross	1200mm/min, 1800mm/min			
Tool post				
Distance between spindle center to tool section	48mm			
section of tool shank	45 x 45mm			
carriage				
Max. travel of cross slide	650mm			
Max. travel of compound slide	250mm			
Tailstock				
Tailstock sleeve dia.	Φ160mm			
Tailstock sleeve taper	Metric 80# or MT 6#			
Travel of tailstock sleeve	300mm			
Motor				
Main motor	22kw			
Coolant Pump motor	0.15kw			
Rapid feed motor	1.5kw			
SHLM125/8 weight and dimension as reference	1500 mm	11400kgs	4200x1900x2400mm	
	2000 mm	12200kgs	4700x1900x2400mm	
	3000 mm	13000kgs	5700x1900x2400mm	

	4000mm	13800kg	6700 x 1900 x 2400mm
	5000mm	14600kg	7700 x 1900 x 2400mm
	6000mm	15400kg	8700 x 1900 x 2400mm
	8000mm	17000kg	10700 x 1900 x 2400mm
	10000mm	18600kg	12700 x 1900x2400mm
	12000mm	20200kg	14700 x 1900x2400mm

Standard accessories

- 50~470mm Steady rest
- 50~220mm follow rest
- 1000~1400mm 4 jaw chuck
- Spindle center sleeve



Optional accessories:

- Digital Readout Device
- Bigger steady rest
- Open type steady rest
- 700-1050mm
- 450-1000mm
- 600-1200mm
- 800-1500mm



SHLM/12series



Features

- Hardened & precision ground bed ways
- Auto feed on compound slide
- Hardened & ground gears
- Emergency stop button
- Major electrical components are Siemens
- Feed rod lead screw interlock

Technical specifications

	SHLM128/12	SHLM148/12	SHLM168/12	SHLM198/12	SHLM208/12
swing Over Bed	1280mm	1480mm	1680mm	1980mm	2080mm
swing over cross side	800mm	1000mm	1200mm	1500mm	1600mm
Center distance	2m,3m,4m,5m,6m,8m,10m,12m				
Bed width	1100mm				
Max. work piece loading	12T				
Headstock					
Spindle hole	130mm				
Spindle taper	Metric 140#				
Spindle speeds(Number)	3.15-315r/min or 2-200r/mm or 2.5-250r/mm				
Gea- Box-Threads & Feeds					
Metric threads range	1~120mm (44 kinds)				
Inch threads range	1/4-24 tpi (31 kinds)				
Module threads range	0.5-60 mm (45 kinds)				
Diametral threads range	1/2-56 DP (25 kinds)				
longitudinal feeds range	0.1~12mm (56 kinds)				
Cross feeds range	0.05~6mm (56 kinds)				
Rapid feed: longitudinal	3400mm/min				
Rapid feed: Cross	1700mm/min				
Carriage					
Cross side travel	760mm				
Compound rest travel	300mm				
Size of tool shank	45x45mm				
Tailstock					
Quill diameter	260mm				
Quill taper	Metric 80#				
Quill travel	300mm				
Motor					
Main drive motor	30kw				
Coolant pump motor	0.45KW				
Rapid travel motor	1.5KW				
Tailstock motor	1.5kw				

Standard accessories

- 1000mm-1600mm 4-JawChuck
- Center
- Tool Box
- Steady rest (200-500mm)

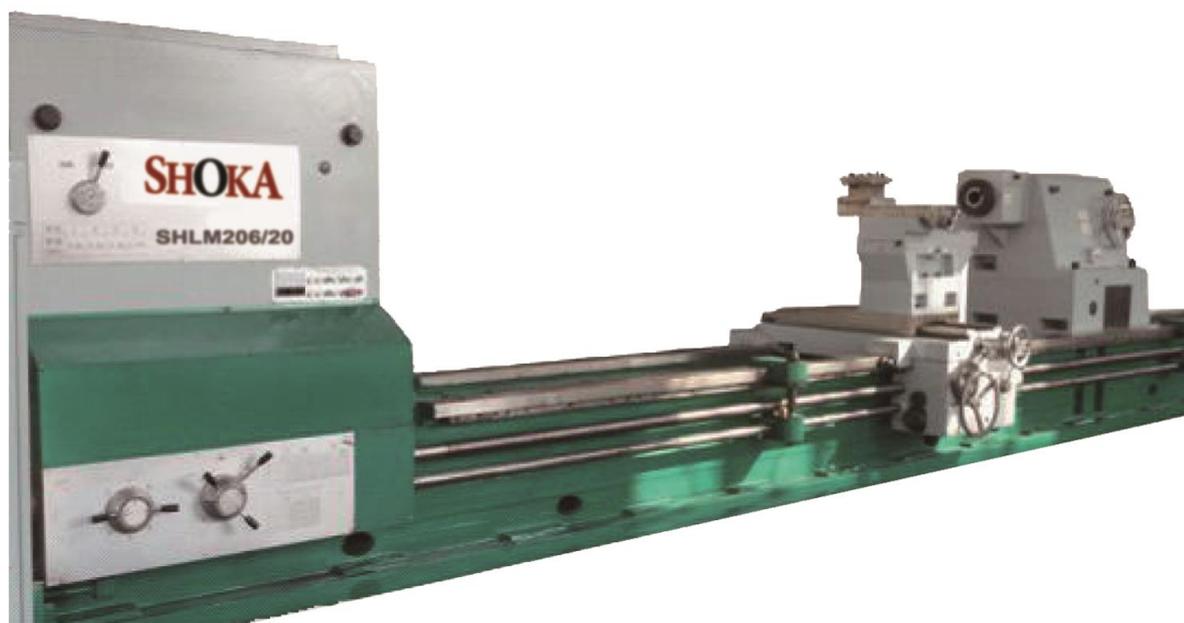


Optional accessories:

- Digital Readout Device
- Stead rest(500-800mm)
- Open type steady rest
700-1050mm
450-1000mm
600-1200mm
800-1500mm



SHLM/20 series



Features

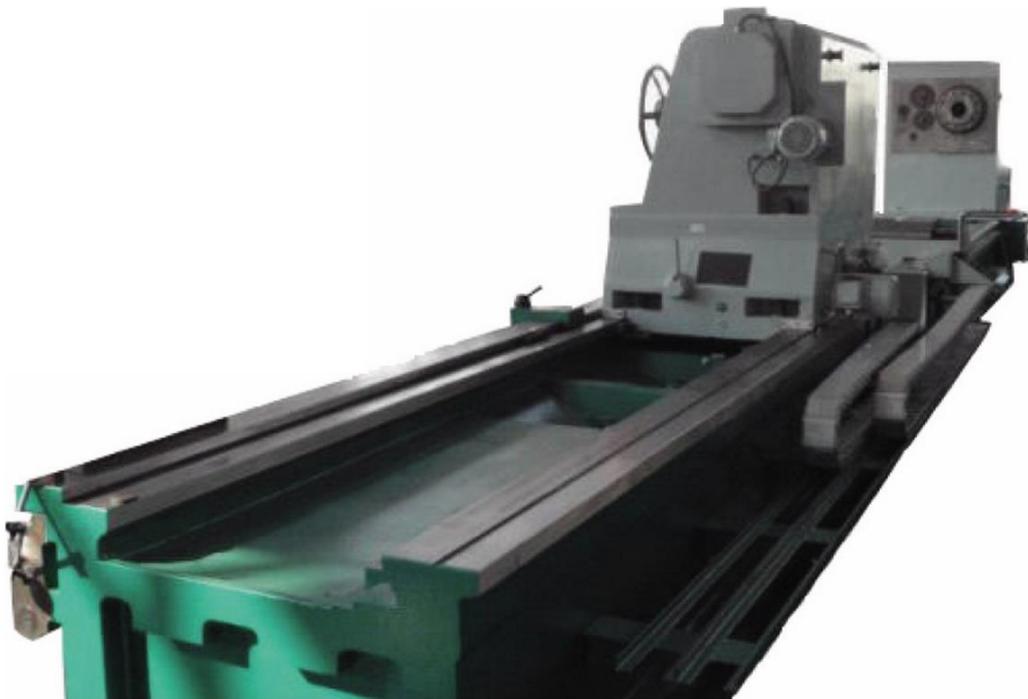
- This machine is universal type general lathe, good for high speed steel, hard alloy tool to all material work pieces.
- Upper turret is automatic, good for working on cone.
- Induction hardened guide way

Technical specifications

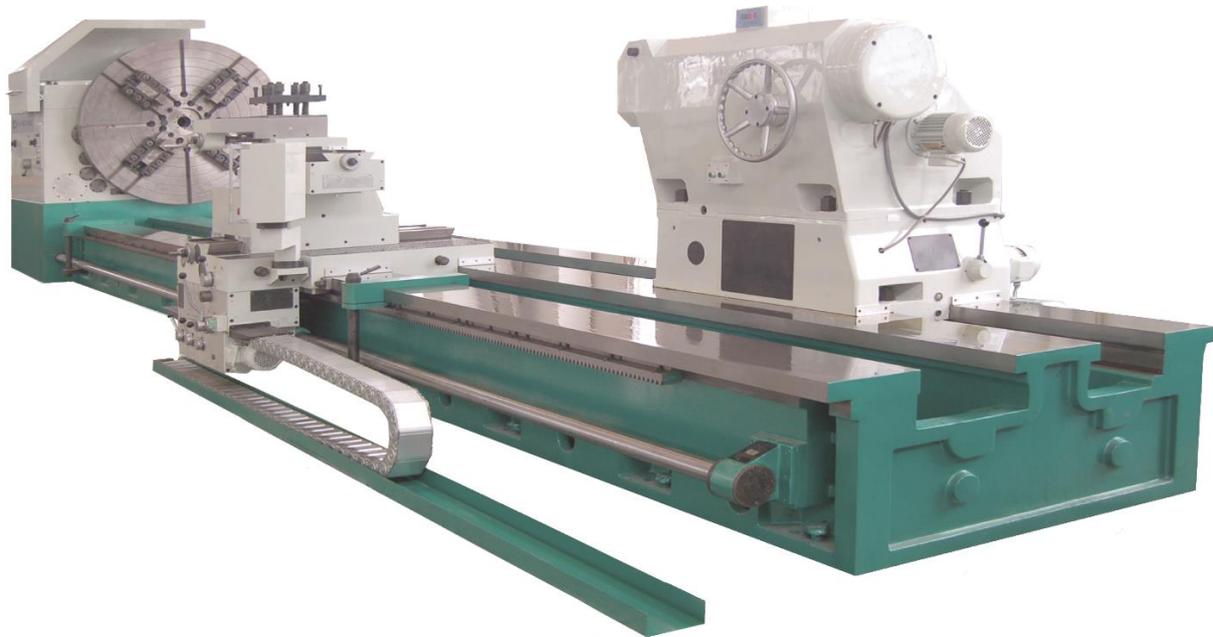
Specification	SHLM126/20	SHLM146/20	SHLM166/20	SHLM196/20	SHLM206/20	SHLM226/20	SHLM246/20
Max. swing over bed	1260mm	1460mm	1660mm	1960mm	2060mm	2260mm	2460mm
Max. swing over cross slide	800mm	1000mm	1200mm	1500mm	1600mm	1800mm	2000mm
Max. loading capacity	20T						
Max. distance between center	3~14m						
Bed width	1180mm						
Spindle bore diameter	105mm						
Spindle taper	Φ120mm Metric 1:4						
Spindle speed	3~200rpm						
	4 steps hydraulic control						
	3~24, 6~48, 12~96, 24~200rpm						
Longitudinal feed range	0.1~6 mm/r						
Cross feed range	0.05~3mm/r						
Longitudinal rapid travel speed	1000mm/min						
Cross rapid travel speed	1500mm/min						
Metric thread	1~60mm						
Inch thread	1/2~30tpi						
Cross slide travel	800mm						
Compound slide travel	300mm						
Tool shank section	45X45mm						
Tailstock sleeve diameter	280mm						
Tailstock sleeve taper	Metric 100 (1:4)						
Tailstock travel	280mm						
Rapid travel of tailstock	3000mm/min						
Rapid travel of tailstock sleeve	664mm/min						
Main motor	55kw						
Rapid travel motor of tailstock	1.5kw						
Coolant motor	0.45kw						
Machine net weight for SHLM166/20 as 6000 mm	40T						

Optional accessories:

- Open type steady rest
- Double carriage
- 3 axes DRO (6m)
- NSK spindle bearing
- Chip conveyer



SHLM/32,40 series



Features

- This series of machines are universal engine lathes, they are suitable for cutting swing work pieces, such as external cylindrical surfaces turning, internal hole, taper and thread machining, etc.
- Three guide ways have been adopted; it has features of strong rigidity, heavily loading capacity and good accuracy.
- DC driving is used by main driving of the machine, full digital DC variable, 3 grade mechanical or hydraulic speed change has been equipped, spindle speed range 1 :200 may be got.
- Feed driving is connected with the main driving, the carriage has function of rapid traverse and combing feed.
- Built-in living center has been selected by the tailstock, it has characters of heavily loading capacity, 2 grade manual traversing function, traversing of tailstock is motorized, easy for operating.
 - Double-row short cylinder roller bearing is used by spindle bearing, it has high accuracy, radial clearance may be adjusted by it.

Technical specifications

Specifications:	SHLM160/32 SHLM160/40	SHLM 180/32 SHLM 180/40	SHLM200/32 SHLM200/40	SHLM 220/32 SHLM 220/40	SHLM 250/32 SHLM 250/40
Swing over bed	1600mm	1800mm	2000mm	2200mm	2500mm
Swing over cross side centers distance	1250mm	1450mm	1650mm	1850mm	2100mm
Max. weight of work piece between centers	3m,4m,5m,6m,8m,10m, 12m, 16m				
Bed width	32T/40T				
Head stock	1600mm				
Spindle bore	85 mm				
Spindle taper	Φ120mm taper 1:7				
Range of spindle speed	0.80-160r/min manual operated gear 3 infinite speed variation(hydraulic)				
Feed box					
Metric threads range(pitch)	240mm				
Inch tread range	1-14				
Worm thread range (Module)	1.5-20mm				
Longitudinal feeding range	0.125-4.8mm/spindle each lap				
Cross feeding range	0.063-2.4mm/spindle each lap				
Fast travel (Longitudinal/cross)	3000mm/min.1500mm/min				
Tool rest					
Tool section carriage	70 x 70mm				
Max. cross travel of carriage	700mm				
Max. travel of middle tool rest	600mm				
Tailstock					
Dia. of tailstock quill	300mm				
Taper of tailstock quill	Φ100 taper 1:7				
Max. travel of tailstock quill	300mm				
Steady rest					
Close-type steady rest	Φ400-750mm				
open-type steady rest	Φ650-1200mm				
Motor					
Main motor	80kw(DC)				
Fast feeding motor	1.5kw				
Fast feeding motor in tailstock	1.5kw				
Centers distance N.W. overall Dimension for SHLM160	3000	37500	8600x2480x2280		
	4000	39000	9600x2480x2280		
	5000	40500	10600x2480x2280		
	6000	42000	11600x2480x2280		
	8000	45000	13600x2480x2280		
	10000	48000	15600x2480x2280		
	12000	52000	17600x2480x2280		
	16000	58000	21600x2480x2280		

Standard accessories:

- 4-JawChuck
- Center
- Tool Box
- Close steady rest

Optional accessories:

- Open steady rest
- Double carriage

SHLM200/63,80 series



Technical specifications

Specifications:	SHLM160/63 SHLM160/80	SHLM 180/63 SHLM 180/80	SHLM200/63 SHLM200/80	SHLM 220/63 SHLM 220/80	SHLM 250/63 SHLM 250/80
Swing over bed	1600mm	1800mm	2000mm	2200mm	2500mm
Swing over cross side centers distance	1250mm	1450mm	1650mm	1850mm	2100mm
Max. weight of work piece between centers	3m,4m,5m,6m,8m,10m, 12m, 16m				
Bed width	63T/80T				
Head stock	2100mm				
Spindle bore	85 mm				
Spindle taper	Φ120mm taper 1:7				
Range of spindle speed	0.625-125r/min manual operated gear 3 infinite speed variation(hydraulic)				
Feed box					
Metric threads range(pitch)	240mm				
Inch tread range	1-14				
Worm thread range (Module)	1.5-20mm				
Longitudinal feeding range	0.125-4.8mm/spindle each lap				
Cross feeding range	0.063-2.4mm/spindle each lap				
Fast travel (Longitudinal/cross)	3000mm/min.1500mm/min				
Tool rest					
Tool section carriage	70 x 70mm				
Max. cross travel of carriage	900mm				
Max. travel of middle tool rest	600mm				
Tailstock					
Dia. of tailstock quill	500mm				
Taper of tailstock quill	Φ100 taper 1:7				
Max. travel of tailstock quill	300mm				
Steady rest					
Close-type steady rest	Φ400-750mm				
open-type steady rest	Φ650-1200mm				
Motor					
Main motor	110kw(DC)				
Fast feeding motor	1.5kw				
Fast feeding motor in tailstock	1.5kw				