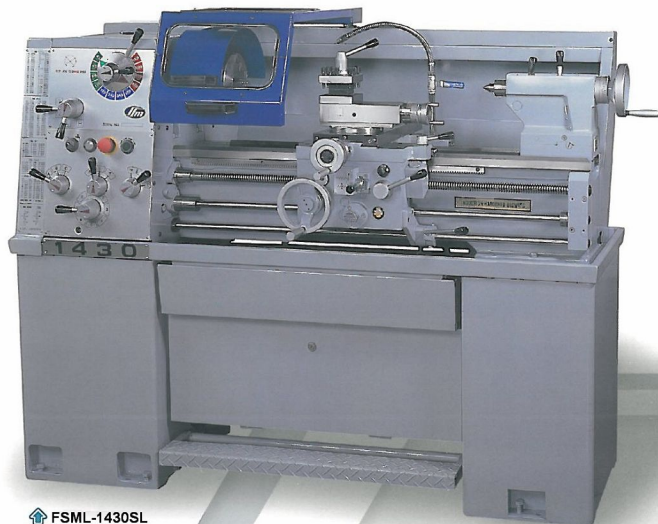



PRECISION ENGINE LATHE

- MODEL** • 1330, 1340, 1430, 1440
• 1330SV, 1340SV, 1430SV, 1440SV
• 1330SL, 1340SL, 1430SL, 1440SL

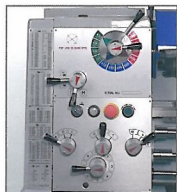


 FSML-1430SL

PRECISION ENGINE LATHE



▲ 8 Steps of Spindle speeds



▲ 12 Steps of Spindle speeds.

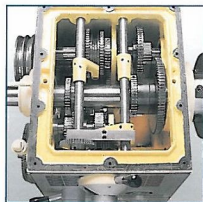


▲ Variable-speed change 2 steps speeds

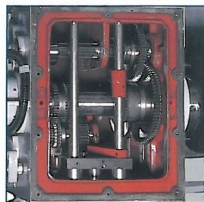
FEATURES

- Hardened and ground bed way.
- 8 (or 16) spindle speeds and Variable - speed change.
- Heavy duty geared head; hardened and ground gears.
- 3HP (2.2 kw) three phase motor.
- Foot brake giving rapid braking.

- Emergency stop button equipped on the front of head stock.
- Jog button for easy gear engagement and inching spindle.
- Open type chip pan easily to remove chip.
- Extra safety switch shuts down machine entirely for changing belt or gear for threading cutting.



▲ Headstock

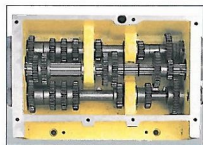


▲ Variable-speed change Headstock

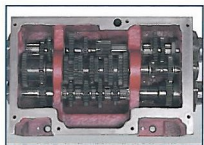
HEADSTOCK & SPINDLE

The headstock is made of high quality cast iron (FC 30) all shafts and gears are of high tensile steel and are hardened.

Two precision tapered roller bearings support the heavy main spindle. Spindle has 1.5" (38 mm) hole, D1-4" cam-lock on spindle nose ensures rapid chuck mounting and dismounting.



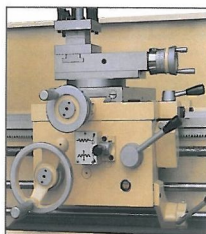
▲ Gear box



▲ Universal type Gear box

GEAR BOX

For maximum convenience quick change gear box features a complete threading range : 40 English threads and 37 Metric threads are available. Totally enclosed gearbox has easier lubrication.



APRON & SADDLE

Threading dial furnished as standard equipment. Automatic feeding and threading are fully interlocked. Saddle and slide feature slide locking clamps and easily operated strip adjusters. Forward - off - reverse functions controlled by convenient apron lever. 4 - way tool - post is standard.



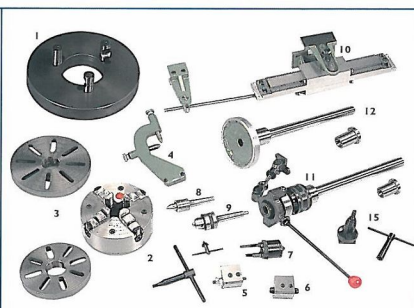
TAILSTOCK

Tailstock is of rigid construction and features super tight clamp locked by clamp lever. M.T. #3 internal taper provides heavy support for live centers or tip center. The quill is hardened and ground, graduated in inches and metric scale.



▲ Electrical box for Variable - speed change Lathe

SSM LATHE ACCESSORIES



STANDARD ACCESSORIES :

- | | |
|---------------------------|--------------------------------------|
| 1. Main motor | 11. 4-way tool post |
| 2. 3-jaw scroll chuck | 12. Screw wrench for 4-way tool post |
| 3. Steady rest | 13. Camlock spindle wrench |
| 4. Coolant system | 14. Change gear |
| 5. Splash guard | 15. Hexagonal wrench |
| 6. Tool box | 16. Spanner |
| 7. Oil gun (piston oiler) | 17. Screw driver |
| 8. Center sleeve | 18. Optional manual and part list |
| 9. Two dead centers | |
| 10. Thread dial indicator | |

OPTIONAL ACCESSORIES :

- | | |
|------------------------------|--|
| 1. Back plate for Chuck | 11. 5C collet attachment (Lever type) |
| 2. 4-jaw independent chuck | 12. 5C collet attachment (Handwheel type) |
| 3. Face plate | 13. Work lamp (Quartz halogen lamp) |
| 4. Follow rest | 14. Quick change tool post |
| 5. Micro type carriage stop | 15. American tool post (T-slot single tool post) |
| 6. Single type carriage stop | 16. Digital readout system |
| 7. 4-position carriage stop | 17. Tool post guard |
| 8. Live center | 18. CE standard |
| 9. Drill chuck with arbor | |
| 10. Taper attachment | |

※ Due to different model with different equipments, prices according to question sheet.

SPECIFICATION FOR SSM LATHE

MODEL	1330				1340				1430				1440			
Variable-speed change	1330SV				1340SV				1430SV				1440SV			
With Universal Gear Box	1330SL				1340SL				1430SL				1440SL			
NOMINAL SIZE																
Swing over bed					330mm 13in								356mm 14in			
Swing over cross slide					195mm 7-5/8in								220mm 8-5/8in			
Distance between center	750mm 30in				1000mm 40in				750mm 30in				1000mm 40in			
BED																
Swing over gap					490mm 19in								515mm 20in			
Width of bed									206mm 8-1/2in							
SPINDLE																
Number of spindle speeds	8 steps/16 steps/ 12 steps (SL)/ Variable-speed change (SV)															
Range of spindle speeds	90-1800RPM															
	45-1800RPM (2-speed motor)/ 30-2200RPM 【Variable-speed change (SV)】															
Hole through spindle	38mm 1-1/2"															
Spindle nose	D1-4 (Camlock)															
Taper of spindle bore	M. T. NO.5															
TAIL STOCK																
Total travel of tailstock barrel	120mm 4-3/4in															
Taper in tailstock barrel	M. T. NO.3															
Diameter of barrel	45mm 1-3/4in															
TOOL SLIDE																
Cross slide travel	165mm 6-1/2in								170mm 7in							
Compound rest travel	90mm 3-1/2in								100mm 4in							
Max. size cutting tool	16mm 5/8in								22mm 7/8in							
THREADS																
Lead screw diameter & pitch	Dia. 22mm Pitch 4mm / Dia. 7/8 in 8 T.P.I. or (Dia. 25mm Pitch 6mm / Dia. 1 in 4 T.P.I.)															
Metric threads	0.4-7.0mm(37Nos) for Metric system/0.47-7.5mm(22Nos) for inch system 0.2-7.0 mm(34Nos) for universal type gear box (SL type)															
Inch threads	4-56TPI(28Nos) for Metric system/4-112TPI(40Nos) for inch system 4-72TPI(39Nos) for universal type gear box (SL type)															
Diametral pitches	8-44 DP (21Nos) only for universal type gear box (SL type)															
Module pitches	0.3-3.5MOD(18 Nos) only for universal type gear box (SL type)															
FEEDS																
Feed rod diameter	19mm 3/4in															
Longitudinal feeds	Metric	(42Nos)0.043-0.653mm/rev. or(24Nos)0.035-0.50mm/rev.(SL type)														
	Inch	(40Nos)0.0012-0.0294in/rev. or(24Nos)0.0014-0.02in/rev.(SL type)														
Cross feeds	Metric	(42Nos)0.015-0.220mm/rev. or(24Nos)0.017-0.25mm/rev.(SL type)														
	Inch	(40Nos)0.0003-0.0100in/rev. or(24Nos)0.0007-0.010in/rev.(SL type)														
PACKING SIZE																
Machine net weight	650kg				700kg				700kg				750kg			
Gross Weight	770kg				820Kg				830kg				880kg			
Crate dimension (LxWxH)	67x30x57inch				77x30x57inch				67x30x58inch				77x30x58inch			

* We reserve the right to modify and improve our products.



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