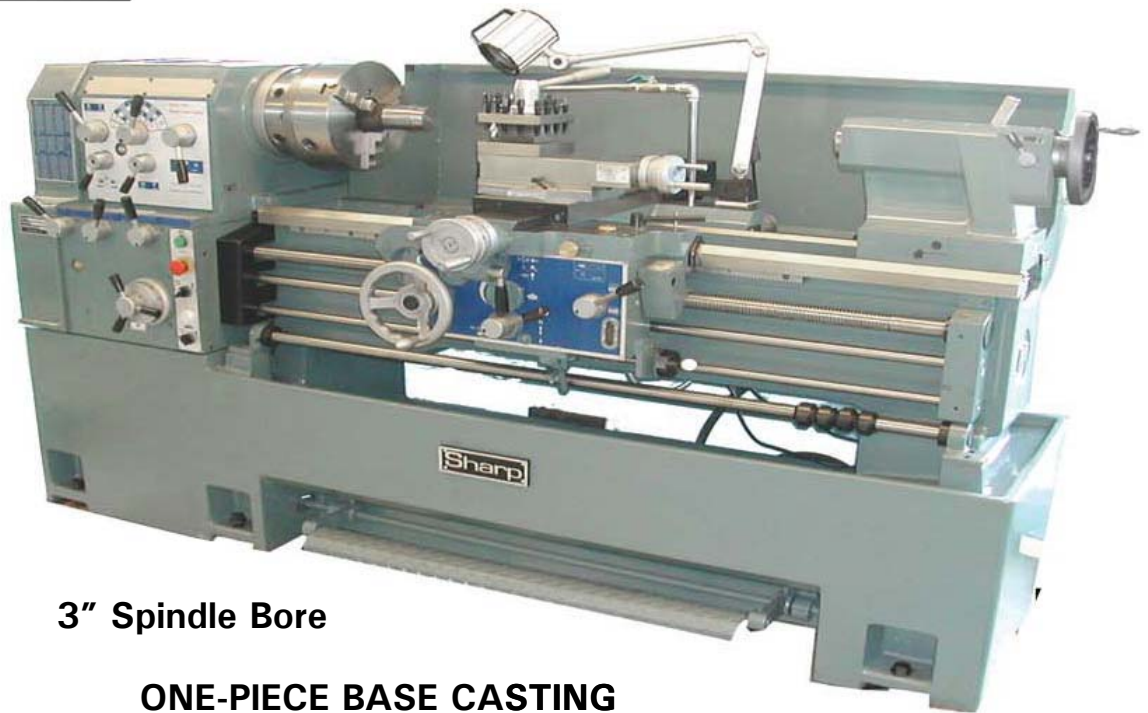


Sharp



**W Series
High Speed
Precision
Lathes**

3" Spindle Bore

ONE-PIECE BASE CASTING

An extremely solid, compact lathe. The full length, one piece base casting gives this machine incredible rigidity, yet it requires only a light touch to operate. Bedways are hardened and ground Meehanite® for wear resistance. The quick change gearbox achieves all inch and metric threads without interchanging gears. The headstock is fitted with chrome-moly hardened and ground gears. Auto feed protection is provided by an adjustable overload clutch. Adjustable auto feed stops are standard equipment. 12 speed and continuously variable speed models available.

STANDARD EQUIPMENT

- 3 Jaw Chuck
- 4 Jaw Chuck
- Steady & Follow Rests
- Multi Position Length Stops
- Safety Brake
- Coolant System
- Full Splash Guard
- Halogen Work Light

SPECIFICATIONS

	W 1940	W 1960	W 1980
Swing	- Over Bed	19"	19"
	- Over Gap	28 ¼"	28 ¼"
	- Over slide	11 ¾"	11 ¾"
Bed	- Width	12"	12"
	- Length c-c	40"	60"
Spindle	- Speeds	12step or variable, 20 to 2000 RPM	
	- Bore	3" +	3" +
	- Nose	Camlock - D1-8	
	- H.P.	7.5	7.5
Tailstock	- Taper	MT 4	MT 4
	- Travel	6"	6"
Net Weight	3,900 lbs.	4,800 lbs.	5,150 lbs.

Specifications are subject to change



SHARP W- series Precision Engine Lathes are available in three size ranges: W-S, W-M, and W-L

Standard configurations for these machines are as follows:

	w-S	w-M	w-L
Maximum Swing	17"/19"/21"	22"/26"	22"/26"/30"
Maximum Length	30"/40"/60"/80"	40"/60"	40"/60"/80"/100" 120"/160"
Bed Width	12 inch	14 inch	16 inch
Spindle Bore	3.07"	3.35"	4.52"
Motor HP	7.5	10	15
Spindle Mount	D1-8 camlock	D1-8 camlock	D1-11 camlock
Tailstock Taper	MT4	MT5	MT 5
Speed Range	20-2000 RPM	15-1500 RPM	14-1500 RPM (10-1100RPM opt.)
Leadscrew	4TPI	4TPI	4TPI (2TPI opt.)

Sharp

W- 17S/ 19S/ 21S SERIES

W-S SERIES LATHES

SPECIFICATION:

MODEL	W- 1730S/ 1740S W- 1760S/ 1780S	W- 1930S/ 1940S W- 1960S/ 1980S	W- 2130S/ 2140S W- 2160S/ 2180S
SWING OVER BED	430mm	470mm	520mm
SWING OVER CROSS SLIDE	240mm	280mm	330mm
CENTER DISTANCE	760 / 1000 / 1500 / 2000mm		
SWING OVER GAP	650mm	690mm	740mm
BED WIDTH	300mm (12")		
SPINDLE NOSE	ASA D1-6 (OPT.-D1-8)		ASA D1-8
SPINDLE BORE	58 mm (OPT.-78mm)		78mm
TAPER OF SPINDLE BORE	MT6 (OPT.-MT7)		MT7
SPINDLE SPEED	20~2000RPM		
INCH THREADS RANGE	4~56 TPI		
METRIC THREADS RANGE	P0.5~P7		
LONGITUDINAL FEEDS RANGE	0.05~0.82mm		
CROSS FEEDS RANGE	0.02~0.4mm		
LEADSCREW DIAMETER	35mm		
LEADSCREW PITCH	4 TPI or 6mm		
TAILSTOCK TAPER	MT4		
TAIL SPINDLE TRAVEL	150mm		
TAIL SPINDLE DIAMETER	58mm	68mm	
MAIN DRIVE MOTOR	5HP (OPT.-7.5HP)	7.5HP (OPT.-10HP)	
COOLANT PUMP	1/8HP		
COMPOUND REST TRAVEL	125mm		
CROSS SLIDE TRAVEL	245mm		275mm
MACHINE DIMENSIONS	(L)	1890 / 2450 / 2650 / 3170 mm	
	(W x H)	810 x 1190mm	810 x 1220mm
NET WEIGHT (KGS)	1680/1760/2050/2300	1720/1800/2075/2380	1760/1810/2135/2440

SPECIFICATION:			
MODEL	W- 2240M / 2260M	W- 2640M / 2660M	
SWING OVER BED	560mm	660mm	
SWING OVER CROSS SLIDE	340mm	440mm	
CENTER DISTANCE	1000 / 1500 mm		
SWING OVER GAP	788mm	890mm	
BED WIDTH	350mm		
SPINDLE NOSE	ASA D1-8		
SPINDLE BORE	85 mm		
TAPER OF SPINDLE BORE	MT.NO.7		
SPINDLE SPEED	15~1500RPM (12 steps)		
INCH THREADS RANGE	2~56 TPI		
METRIC THREADS RANGE	P0.5~P14		
LONGITUDINAL FEEDS RANGE	0.05~0.82mm		
CROSS FEEDS RANGE	0.02~0.4mm		
LEADSCREW DIAMETER	38mm		
LEADSCREW PITCH	4 TPI or 6mm		
TAILSTOCK TAPER	MT.5		
TAIL SPINDLE TRAVEL	165mm		
TAIL SPINDLE DIAMETER	75mm		
MAIN DRIVE MOTOR	7.5HP (OPT.-10HP)		
COOLANT PUMP	1/8HP		
COMPOUND REST TRAVEL	200mm		
CROSS SLIDE TRAVEL	300mm		
MACHINE DIMENSIONS	(L)	229 / 298 mm	
	(W x H)	990 x 1250 mm	990 x 1300 mm
PACKING DIMENSIONS	(L)	2380 / 2900 mm	
	(W x H)	1150 x 1700mm	
NET WEIGHT (KGS)	2000 / 2400	2250 / 2450	

Sharp

W- 22L/ 26L/ 30L SERIES

W-L SERIES LATHES

SPECIFICATION:			
MODEL	W- 2240/2260/2280L 22100/22120/22160L	W- 2640/2660/2680L 26100/26120/26160L	W- 3040/3060/3080L 30100/30120/30160L
SWING OVER BED	560mm	660mm	760mm
OVER CROSS SLIDE	340mm	440mm	540mm
CENTER DISTANCE	1000 / 1500 / 2000/ 2500/ 3000/ 4000mm		
SWING OVER GAP	788mm	890mm	990mm
BED WIDTH	400mm (16")		
SPINDLE NOSE	ASA D1-8 (OPT.-D1-11)		ASA D1-11
SPINDLE BORE	85 mm (OPT.-115mm)		115mm
TAILSTOCK TAPER	MT7		
SPINDLE SPEED	15~1500RPM(OPT.-10~1000RPM)		
INCH THREADS RANGE	2~56 TPI		
METRIC THREADS	P0.5~P14		
LONGITUDINAL FEEDS	0.05~0.82mm		
CROSS FEEDS RANGE	0.02~0.4mm		
LEADSCREW DIA.	38mm		
LEADSCREW PITCH	4 TPI or 6mm		
TAILSTOCK TAPER	MT5		
TAIL SPINDLE TRAVEL	165mm		
TAIL SPINDLE DIA.	85mm		
MAIN DRIVE MOTOR	10HP	10HP (OPT.-15HP)	
COOLANT PUMP	1/8HP		
COMPOUND TRAVEL	200mm		
CROSS SLIDE TRAVEL	375mm		
MACHINE DIMENSIONS	(L)	2380/ 2900/ 3470/ 3980/ 4730/ 5550 mm	
	(WxH)	103 x 126 mm	103 x 131 mm
PACKING DIMENSIONS	(L)	2500/ 3000/ 3560/ 4260/ 4850/ 5730 mm	
	(WxH)	1150 x 1940mm	
GROSS WEIGHT (KGS)	2300/ 2650/ 3050/ 3300/ 3770/ 5030	2380/ 2730/ 3130/ 3380/ 3850/ 5110	2460/ 2810/ 3210/ 3460/ 3930/ 5190