

# PRECISION LATHES

1440V WITH ELECTRONIC VARIABLE SPEED CONTROL

1440F / 1340F



# SHARP MEANS ENDURING PRECISION.

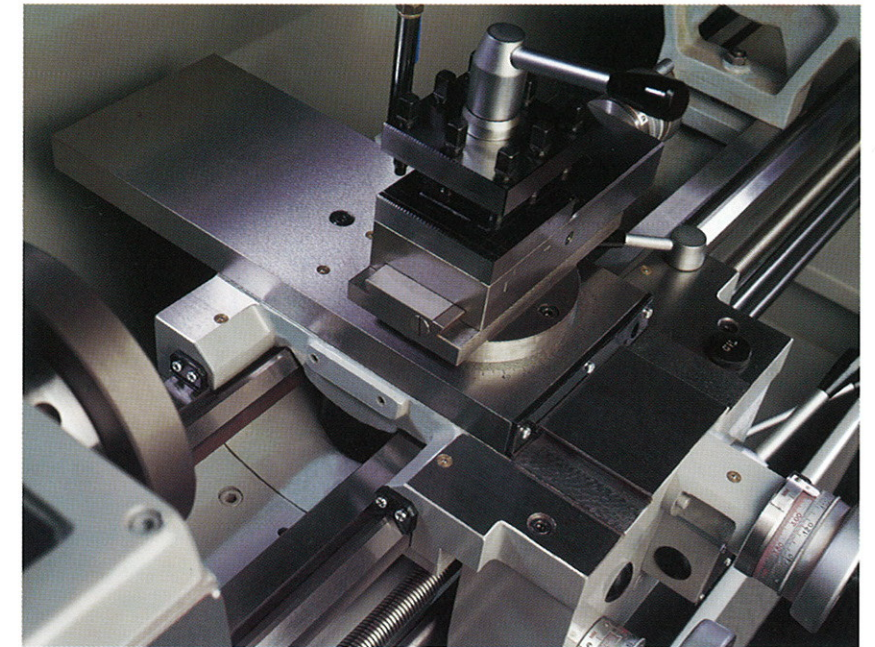
If Sharp has come to stand for one thing, it would be enduring precision. Every element of every machine is built to exacting standards for a lifetime of reliability.

This reliability is created with a meticulous eye towards design. Take our 1340F and 1440F, for example. We use a heavy iron casting to create the base under the headstock. This ensures rigid, stable operation for the life of the machine. But the features don't stop there. Both lathes come with a versatile 16-speed spindle, supported by two precision roller bearings to ensure precise, reliable turning at any speed. As you can see, Sharp lathes are designed to be better inside and out.

But there's more to a Sharp than what's in it. One of the best features is the company behind it. Sharp Industries has been furnishing high quality equipment since 1975. We have a full staff of knowledgeable technicians to provide an immediate response to service questions. We do everything we can to get your Sharp machine up and running, and help you to keep it that way.



*They may look small, but the 1340F and 1440F cut like no small lathe you've ever seen. Both have an extra-wide 8.5" bed way, a larger apron, compound and a generous 13.5" cross slide. The result is lathes which perform even heavy cuts with pinpoint precision and accuracy.*



*It takes just a turn of the RPM control knob to change speeds on our model 1440V lathe. The electronic variable speed control utilizes a frequency drive inverter to change motor speeds, while the high/low gear design ensures power in the lower speed range.*



# FEATURES / SPECS

## Features

- hardened and ground bed ways
- larger compound, tailstock and apron than competitive models allows heavier cutting with less vibration
- 16 speed ("F" models), all-gear headstock housed inside a sturdy cast iron base
- model 1440V features electronic variable speed control with digital RPM readout, and comes standard with a 220VAC motor with single phase or 3 phase operation
- jog button for easy gear engagement and inching spindle
- quick-change gearbox offers wide range of threads

## Standard Equipment

- coolant system
- splash guard
- 4-way tool post
- 6" diameter back plate
- threading dial
- foot brake
- center sleeve (MT #5 x 3)
- dead centers (MT #3)
- tool kit

## Optional Accessories

- 3-jaw scroll chuck (8")
- 4-jaw independent chuck (8")
- face plate (12")
- follow rest
- American tool post
- micrometer carriage stop
- 4-position carriage stop
- taper turning attachment
- live center (MT #3)
- drilling chuck (1/2")
- digital readout system

Model .....1340F.....1440F/1440V.....

## Capacity

swing over bed .....	13"	14"
swing over cross slide.....	7 5/8"	8 5/8"
swing over gap .....	19"	20"
width of bed.....	8 1/2"	
distance between centers .....	40"	

## Headstock

spindle nose type .....	D1-4 camlock .....
spindle bore.....	1 1/2"
spindle speeds.....	
.....1340F/1440F	[45-1,800 rpm, 16 speeds]
.....1440V	[30-2,200 rpm, variable speed]
taper of spindle bore .....	MT #5 .....

## Threads & Feeds

longitudinal feeds - in/rev [40] .....	0.0012-0.0294"
cross feeds - in/rev [40] .....	0.0003-0.01"
inch threads [40] .....	4-112 tpi
metric threads [22] .....	0.45-7.5mm
leadscrew pitch, diameter.....	8 tpi, 7/8"

## Carriage

saddle width .....	12 1/4"	13 1/4"
apron width.....	11"	11"
cross slide width .....	5"	6 3/4"
cross slide travel.....	6 1/2"	7"
compound rest travel .....	3 1/2"	4"
compound width x length .....	3 1/8 x 8"	3 1/2 x 8 1/2"

## Bed

bed length .....	66"
bed width .....	8 1/8"

## Tailstock

quill travel (graduated) .....	4 1/2"
quill diameter.....	1 3/4"
quill taper.....	MT #3 .....

## General

spindle motor.....	3 hp .....
.....1340F/1440F	[220V or 440V, 3 phase, 60 Hz]
.....1440V	[220V, 1 phase or 220V, 3 phase, 60 Hz] (440V, 3 phase, 60 Hz optional)
net weight (approximately) .....	1,540 lbs.....1,650 lbs .....

## Sharp Industries, Inc.

3501 Challenger Street  
Torrance, CA 90503 USA

Tel (310) 370-5990, Fax (310) 542-6162

[www.sharp-industries.com](http://www.sharp-industries.com)

