

ACER

Technology • Creativity • Reliability
An Unswerving Commitment to Excellence

High Speed "Inverter Drive" Engine Lathe

HEADSTOCK

All gears are made with chromium molydenum steel, and are hardened & ground to its accuracy. A forced lubrication system lubricates all running gears and bearings within the headstock.

SPINDLE

1-1/2" bored spindle is made from medium carbon steel, and is induction hardened & ground to its final accuracy. It also has a two-point support with both bearings being taper roller.

Half-nut engagement handle

9" wide bed way with FC-30 casting iron

Oil level indicator

Hexagonal bed web

Infinite variable speeds

Safety overload device

Oil level indicator



E-lathe 1440V

24 volts safety control circuit
W / Allen Bradley switches

Standard foot brake

Oil lubricated leadscrew

GEAR BOX

Unique two lever universal gear box offers a wide range of cutting capacity. All ranges can be reached by moving two levers and two dials.

Forward/stop/reverse lever

Two-tone automotive paint

Weigh in at 1,580 lbs

APRON

Automatic feeding and threading in apron are fully interlocked to prevent simultaneous engagement of both functions.

TAILSTOCK

Keyed 1-7/16" diametered quill is hardened to Rockwell C 55 degree & ground to its inspection accuracy.

E-lathe 1440V

SPECIFICATION

ITEM	MODEL	E-lathe 1440V			
General Capacity	Center height	7"	Bed	Bed length	54"
	Swing over bed	14"		Bed width	9"
	Swing over gap (Gap type only)	20-3/4"		Width of gap	8"
	Swing over cross slide	8-5/8"		System	Inch
	Distance between centers	40"		Pitch of leadscrew	24 Ø, 4 TPI
Main Spindle	Spindle nose	D 1-4	Threading & Feeding	Metric pitch threads	0.4~7 mm/pitch (32 kinds)
	Spindle bore diameter	1-1/2"		Inch pitch threads	4~56 TPI (32 kinds)
	Type of center	MT 5		Module pitch threads	-
	Taper of center	MT 3		Diametral pitch threads	-
	Spindle speeds (infinite)	36 ~ 2,200 RPM		Range of longitudinal feeds	0.0026"~0.0368"/rev.
Carriage	Cross slide travel	8"	Power	Range of cross feeds	0.0008"~0.0122"/rev.
	Compound rest ravel	3-1/2"		Main drive motor (US made)	3 HP
	Max. size cutting tool	3/4" x 3/4"		Rapid traverse motor	-
Tailstock	Spindle diameter	1-7/16"	Coolant pump motor	1/8 HP	
	Spindle travel	4"	Floor Dimension	70" x 32"	
	Taper of center	MT 3	Net Weight	1,580 lbs	
Packing Dimension	77" x 33" x 63"	Gross Weight	1,800 lbs		

Note: The manufacture reserves the right to modify the design, specification, mechanisms, etc. to improve the performances of machine without notice.
All the specifications shown above are for reference only.

Optional Accessories

Taper Turning Attachment

5C Collet Closer

Four Position Carriage Stop

Drive Plate

5C Collets

Quick Change Tool Post

Milling Attachment

Three Jaw Universal Chuck

Four Jaw Independent Chuck

Standard Accessories

Gap Bed

Built in Coolant

Tool Box W/Tools

Operational Manual

Full Length Splash Guard

Four Way Tool Post

Steady Rest

Halogen Light

One Face Plate

Touch-up Paint

Micrometer Stop

Follow Rest

Web site: <http://www.acergroup.com>Factory E-mail Address: ufau0014@ms5.hinet.netLA E-mail Address: info@acergroup.comNJ E-mail Address: klim@acergroup.com

SPRINGWOOD INDUSTRIAL, INC.

1062 N. Kraemer Place
Anaheim, CA 92806
Tel : (714) 632-9701
Fax: (714) 632-9730

KLIM INDUSTRIAL, INC.

244 N. Randolphville Rd.
Piscataway, NJ 08854
Tel : (732) 752-9100
Fax: (732) 752-9101

TAIWAN SPRINGWOOD INTERNATIONAL, INC.

No. 101, 506 Lane, Seng Tso Rd. Seng
Kang Sharnq, Taichung County, Taiwan
Tel : 011886-4-520-4120
Fax: 011886-4-520-4123

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