

## ACRA FEL-14X40 ENC CNC TEACH LATHE



### DESCRIPTION:

The ACRA FEL-1440ENC CNC Lathes Are Versatile Teach Type CNC Flat Bed Lathes With Manual, Conversational, Teach, And CNC Operating Modes, FANUC OI Mate TC Or Anilam 4200T. The Bed Features A Rugged MEEHANITE Casting, With Thick Widely Spaced Cross Supports And Induction Hardened Ground Ways For Accuracy And Rigidity. Coolant System With Removable Tank Is Standard. Precision Ground Ballscrews Are Driven By AC Digital Servo Motors.

The Spindle Is Driven By An Infinitely Variable AC Inverter And Includes Constant Surface Speed And Threading Functions. This Machine Will Be Useful On Day #1 With Any Level Of Operator, For Production Or Prototype. It Can Be Operated Manually With Jog Joysticks And MPG Hand Wheels Teach And Repeat, User Interactive Conversational, Or Full Blown CNC G-Code / M-Function With Macros. Some Models Include A Part Shape Program Generator, With Graphics Display.

### STANDARD ACCESSORIES:

- FANUC OI MATE TC Controller
- Hydraulic V8 Turret W/ Boring Bar Holder & Facing Tool Holder
- 6" Hydraulic Chuck
- Hydraulic Tailstock Quill
- Carbon Steel Dead Center MT.4
- Carbide Tip Dead Center MT.4
- Spindle Center Sleeve
- Level Pads (8 Pcs)
- Toolset & Box
- Machine Light
- Operation Manual & Parts List

### OPTIONAL ACCESSORIES:

- 12" Face Plate
- 4-Station Electrical Turret
- 5C Collet Closer
- Quick Change Tool Post
- Steady Rest
- Follow Rest
- Chip Conveyor & Chip Bucket Cart
- Anilam 4200T Controller

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**ACRA FEL-14X40 ENC CNC TEACH LATHE**

SPECIFICATIONS		FEL-1440 ENC
<b>CAPACITY</b>	Swing Over Bed	14"
	Distance Between Centers	40"
	Max Working Length (4 Way Tool Post)	31.1"
	Max Working Dia. (4 Way Tool Post)	6.7"
	Width Of Bed	10.2"
<b>SPINDLE</b>	Nose	A2-5
	Spindle Center Sleeve	MT#4
	Spindle Bore / Bar Capacity	1.81" / 1.41"
	(#) Range of Spindle Speed	Inf. Variable 40~5000 RPM
<b>AXES</b>	Travel ( X / Z )	8.07" / 34"
	Rapid ( X / Z )	394 IPM / 590 IPM
	X Axis Motor	0.6 HP
	Z Axis Motor	1.13 HP
<b>TURRET</b>	Tool Station	Standard Manual 4 Way Tool Post
	Size Of External Turning Tool	20 mm
	Boring Bar Diameter	0.787"
<b>TAILSTOCK</b>	Quill Taper	MT #4
	Quill Diameter	2.28"
	Quill Travel	5.5"
<b>MOTOR</b>	Main Spindle Motor	7.5 HP ( 10 HP Opt.)
	Hydraulic Oil Pump	Opt. 1 HP
	Coolant Pump	1/6 HP
<b>TANK CAPACITY</b>	Hydraulic Tank	Opt. 6.6 Gal.
	Coolant Tank	11 Gal.
<b>MEASUREMENTS</b>	Net Weight	4,630 LBS
	Shipping Weight	5,732 LBS
	Control	FANUC OI MATE TC (Opt. Anilam 4200T)
	Footprint (L x W x H)	100" x 74" x 88"

**NOTE!** The manufacturer reserves the right to modify the design, specifications, & mechanisms to improve the performances of the machines without notice. All specifications above are for your reference only.