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ACRA FEL-P28/P32/P36 POWER CNC LATHE



DESCRIPTION:

The ACRA FEL-P28 And FEL-P36 Power Turn Lathes Are Heavy Duty Flat Bed CNC Machines, And Builder Is ISO 9002 Certified. The One Piece Base Is Meehanite, Heavily Ribbed Double Wall With Integral Box Ways That Are Induction Hardened And Ground.

The High Precision Ballscrews Are Driven By AC Digital Servo Motors. The Spindles Are Available 5.5", 9", Or 12", Supported By Three C-7 Angular Contact Bearings, And Driven By A 4-Stage Automatic Gearbox With World Class Quality Alloy Steel Precision Ground Gears.

A Re-Circulating Oil Chiller Unit Keeps The Headstock Temperature Constant, Further Insuring Excellent Accuracies And Finishes. These Machines Are Available With A Wide Array Of Options For A Variety Of Manufacturing Needs. FANUC Control System And AC Digital Drives Are Standard, But Other Control Systems Can Be Specified.

STANDARD ACCESSORIES:

- Tool Box
- Anchor Bolts
- Steady Rest
- 4-Jaw Independent Chuck 20"
- Coolant System
- Lubrication System
- H4 Or V8 Tool Turret
- Splash And Coolant Guarding
- Chip Conveyor
- Hydraulic Tailstock
- Operational Manual Spare Parts List

OPTIONAL ACCESSORIES:

- V12 Tool Turret
- 3-Jaw Air Chuck
- V8 Tool Turret
- 3-Jaw Hydraulic Chuck
- Double Turret
- Extension Nose Live Center
- D.R.O. For X,Y Axis
- Live Tooling (C Axis)
- Special Edition Of CNC Controller
- 9"/10" Spindle Bore

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SPECIFICATIONS		FEL-P2880/120/160/200	FEL-P3280/120/160/200	FEL-P3680/120/160/200
CAPACITY	Swing Over Bed	28"	32"	32"
	Swing Over Cross Slide	15"	19"	23"
	Swing Over Gap	40"	44"	48"
	Between Centers	80" / 120" / 160" / 200"	80" / 120" / 160" / 200"	80" / 120" / 160" / 200"
	Width Of Bed	16"	16"	16"
SPINDLE	Bore	5.5" (9", 12" Opt.)	5.5" (9", 12" Opt.)	5.5" (9", 12" Opt.)
	RPM	1 - 1,000 RPM	1 - 1,000 RPM	1 - 1,000 RPM
	Nose	A2-11 (A2-15, A2-20 Opt.)	A2-11 (A2-15, A2-20 Opt.)	A2-11 (A2-15, A2-20 Opt.)
	No. Of Gear Ranges	4	4	4
	Motor (30 min)	25 HP	25 HP	25 HP
AXES	X Travel	19"	19"	19"
	Z Travel	75" / 115" / 155" / 195"	75" / 115" / 155" / 195"	75" / 115" / 155" / 195"
	Rapid X	393 IPM	393 IPM	393 IPM
	Rapid Z	315 IPM	315 IPM	315 IPM
	X Motor	2.7 HP	2.7 HP	2.7 HP
TURRET	Z Motor	4.7 HP	4.7 HP	4.7 HP
	Feedrate	0.0004 - 20 IPM	0.0004 - 20 IPM	0.0004 - 20 IPM
	Type	H4 or V8	H4 or V8	H4 or V8
TAILSTOCK	O.D. Tool	1.25" x 1.25"	1.25" x 1.25"	1.25" x 1.25"
	Max Boring Bar	2"	2"	2"
OVERVIEW	Quill Diameter	5"	5"	5"
	Quill Stroke	9"	9"	9"
	Quill Taper	MT #6	MT #6	MT #6
OVERVIEW	Net Weight	22,245/24,230/26,210/28,210 LBS	23,130/25,110/27,090/29,070 LBS	24,000/26,000/27,970/29,960 LBS
	Length	256"/295"/335"/374"	256"/295"/335"/374"	256"/295"/335"/374"
	Width	114"	114"	114"
	Height	97"	97"	97"
	Control	FANUC 0T-C	FANUC 0T-C	FANUC 0T-C
	Air Required	No	No	No

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.