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ACRA FEL-S42/S46/S50 SUPER CNC LATHE



DESCRIPTION:

The ACRA FEL-S42, S46, & S50 Super 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 6", 9", 12", or 14" And Are 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 24"
- 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"/12"/14" Spindle Bore

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SPECIFICATIONS		FEL-S4280/120/160/200	FEL-S4680/120/160/200	FEL-S5080/120/160/200
CAPACITY	Swing Over Bed	42"	46"	50"
	Swing Over Cross Slide	27"	31"	35"
	Swing Over Gap	55"	59"	63"
	Between Centers	80" / 120" / 160" / 200"	80" / 120" / 160" / 200"	80" / 120" / 160" / 200"
	Width of Bed	22"	22"	22"
SPINDLE	Bore	6" (9", 12", 14" Opt.)	6" (9", 12", 14" Opt.)	6" (9", 12", 14" Opt.)
	RPM	1 ~ 680 RPM	1 ~ 680 RPM	1 ~ 680 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)	35 HP	35 HP	35 HP
AXES	X Travel	26"	26"	26"
	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
	Z Motor	4.7 HP	4.7 HP	4.7 HP
	Feedrate	0.0004 – 20 IPM	0.0004 – 20 IPM	0.0004 – 20 IPM
TURRET	Type	H4 or V8	H4 or V8	H4 or V8
	O.D. Tool	1.25" x 1.25"	1.25" x 1.25"	1.25" x 1.25"
	Max Boring Bar	2.3"	2.3"	2.3"
TAILSTOCK	Quill Diameter	6"	6"	6"
	Quill Stroke	10"	10"	10"
	Quill Taper	MT #6	MT #6	MT #6
OVERVIEW	Net Weight	26,870/29,070/32,170/33,480 LBS	27,970/30,170/32,380/34,580 LBS	29,080/31,280/33,480/35,680 LBS
	Height	102"	102"	102"
	Length	272"/311"/351"/390"	272"/311"/351"/390"	272"/311"/351"/390"
	Width	118"	118"	118"
	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.