

MORTON®

CNC HEAVY DUTY PRECISION LATHE



****FEL-2660ENC**

16" 18" STANDARD ACCESSORIES :

- ◆ Controller : Fanuc, Fagor or Siemens
- ◆ AC spindle motor
- ◆ Auto lubrication system
- ◆ Electric Cabinet Heat Exchanger
- ◆ Coolant system
- ◆ 2-door Enclosed Splash guard
- ◆ Work light
- ◆ Adapter sleeve and Tool centers
- ◆ Leveling bolts & pads
- ◆ Tool box with oiler, spare fuse, paint & tools
- ◆ Operation & Service manual

16" 18" OPTIONAL ACCESSORIES :

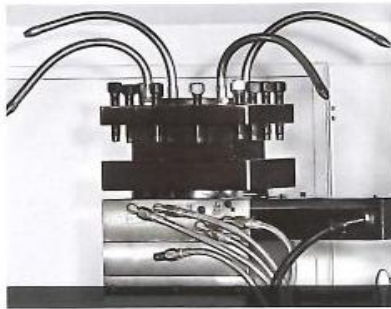
- ◆ 3-Jaw Chuck
- ◆ 4-Jaw Chuck
- ◆ Face Plate
- ◆ Hydraulic Power Chuck
- ◆ Double Chuck System
- ◆ Steady Rest
- ◆ Follow Rest
- ◆ Milling Device
- ◆ Hydraulic Spindle Orientation
- ◆ Boring Device
- ◆ Hydraulic 4-way Tool Post
- ◆ Hydraulic V8 Turret
- ◆ Hydraulic Tailstock
- ◆ Chip Conveyor
- ◆ Electric Cabinet Air Conditioner
- ◆ Spindle Oil Cooler
- ◆ Full Guayding



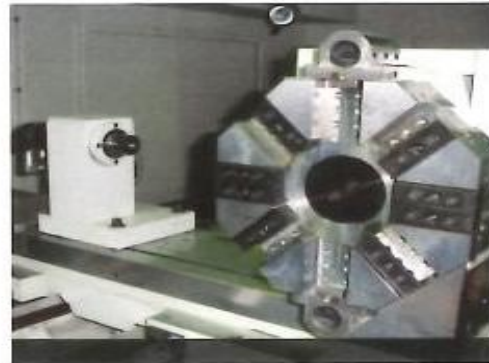
Boring Device



Hydraulic Tailstock



Hydraulic 4-way
Toolpost



Hydraulic V8 Turret /
Milling Device



Torque Enhancement
on x-axis



Torque Enhancement
on z-axis



Movable Program



3-Jaw Hydraulic Chuck

Description \ Model	FEL-2200ENC	FEL-2400ENC	FEL-2600ENC	FEL-3000ENC
Swing over bed	560 mm	600 mm	670 mm	770 mm
Swing over cross slide	260 mm	310 mm	380 mm	480 mm
Width of bed	400 mm (16")			
Distance between centers	1500 mm ~ 3000 mm			
Spindle bore	Ø80 mm (3") / Ø104 mm (4")			
Spindle nose	A1-8, D1-8 / A2-11			
Spindle speeds (4 Steps)	16-1500 rpm / 13-1200 rpm			
Ball screw diameter	X-axis : Ø32, Z-axis : Ø50			
Rapid travel	X-axis : 5 m/min, Z-axis : 5 m/min			
Max x-axis travel	350 mm			
Max z-axis travel	1300 mm ~ 2800 mm			
Tailstock spindle travel / Quill	230 mm / Ø95			
Tailstock spindle taper	MT#5			
Controller	FAGOR 8055i	FANUC 0i-TF	SIEMENS 828D	
Spindle motor	15 KW	15 KW α i 15	15 KW β i 15	15 KW
X-axis servo motor	FKM 42	α i 8	β i 8	1FK7060
X-axis servo motor output	1.9 KW	1.6 KW	1.2 KW	1.11 KW
Z-axis servo motor	FKM 44	α i 12	β i 12	1FK7063
Z-axis servo motor output	3.6 KW	3.0 KW	1.8 KW	1.9 KW
Coolant pump motor	1 HP			

※ Our design enhances output torque.

※ The specifications are subject to change without prior notice.