

MAGNUM-CUT™

HIGH SPEED PRECISION ENGINE LATHE

■ ■ ■ *FEL-1840GCY / FEL-1860GCY / FEL-2040BCY / FEL-2060BCY* ■ ■



■ **FEL-1840GCY**

- SWING OVER BED : 460 mm (18.1")
- SWING OVER GAP : 690 mm (27.2")
- WIDTH OF BED : 300 mm (11.8")
- BETWEEN CENTER : 1000 mm / 1500 mm (39.4" / 59")
- SPINDLE BORE : 57 mm (2.2")
- MAIN MOTOR : 5.5 kw

MAIN SPECIFICATION

ITEM		FEL-1840GCY	FEL-1860GCY	FEL-2040BCY	FEL-2060BCY
Capacity	Swing over bed	460 mm (18.1")		510 mm (20")	
	Swing over carriage	275 mm (10.8")		320 mm (12.6")	
	Swing over gap	690 mm (27.2")		734 mm (28.9")	
	Width of gap	275 mm (10.8")			
	Distance between centers	1000 mm / 1500 mm (39.4" / 59")			
	Width of bed	300 mm (11.8")			
Headstock	Spindle bore	57 mm (2.2")		82 mm (3.2")	
	Spindle nose	D1-6		D1-8	
	Taper of spindle bore & center	MT#6			
	Number of spindle speeds	12 steps			
	Spindle speed	20 - 2000 rpm		15 - 1500 rpm	
Threading & Feeds	Range of longitudinal feeds	0.06 - 0.82 mm/rev (0.002 - 0.032 in/rev)			
	Range of cross feeds	0.02 - 0.29 mm/rev (0.001 - 0.011 in/rev)			
	Lead screw diameter	35 mm (1.38")			
	Lead screw pitch	6 mm (Metric system) 4TPI (Inch system)			
	Range of inch pitches	2 - 56 TPI			
	Range of metric pitches	0.5 - 14 mm			
Tailstock	Quill stroke	127 mm (5")			
	Quill diameter	58 mm (2.3")			
	Quill taper	MT#4			
Motor	Main motor	5.5 kw		7.5 kw	
	Coolant pump motor	0.9 kw			
Machine dimension	Height	1700 mm (66.9")			
	Floor space	2320 x 1150 mm (91.3" x 45.3")	2880 x 1150 mm (113.4" x 45.3")	2320 x 1150 mm (91.3" x 45.3")	2880 x 1150 mm (113.4" x 45.3")
	Net Weight	1400 kgs (3086 lbs)	1800 kgs (3968 lbs)	1400 kgs (3086 lbs)	1800 kgs (3968 lbs)

We reserve the right to modify and improve above specification without notice.

STANDARD ACCESSORIES

- 3 Jaw scroll chuck : 250 mm (10")
- 4 Jaw scroll chuck : 320 mm (12.6")
- Face plate :
400 mm (15-3/8") for FEL-1800GCV
500 mm (19.7") for FEL-2000BCV
- Steady rest
- Dead center : MT#4
- Full length splash guard
- Coolant system
- Follow rest
- Live center MT#4
- Center sleeve
- Chuck guard
- Operation manual and parts list
- Tool and toolbox

OPTIONAL ACCESSORIES

- Taper turning attachment
- 4-position length stop
- Turret carriage stop
- Micro saddle stop
- Quick change tool post
- Work light
- Digital readout system
- CE norms