



### **Euroline ER Precision Centre Lathes**

The Meyer Euro Line range of precision centre lathes are of robust construction and are designed and manufactured in Europe using high-quality materials and with stringent quality control procedures.

The ER and ES models span a range from a small tool room lathe with a 325mm swing over bed and 500mm between centres, up to a 600mm swing over bed with 5 metres between centres.

All models come with thread cutting as standard, offering a large range of metric, imperial, module, and diametric pitches. Many models can be supplied with an optional infinitely variable speed configuration, including a number of sub-ranges.



**ER 440**

### **Machine Features**

- High quality European built machines
- Rigid build enables high chip removal
- All gear and spindle parts use high-capacity, resistant steel
- Gap bed design
- Four position square toolpost
- Chuck guard with interlock switch
- Lead screw guard

### **Optional Equipment**

- 2 or 3 axis digital read out
- Thread dial indicator
- Quick change tool post 3 and 4 jaw chucks
- Face plate Fixed steady
- Follow rest

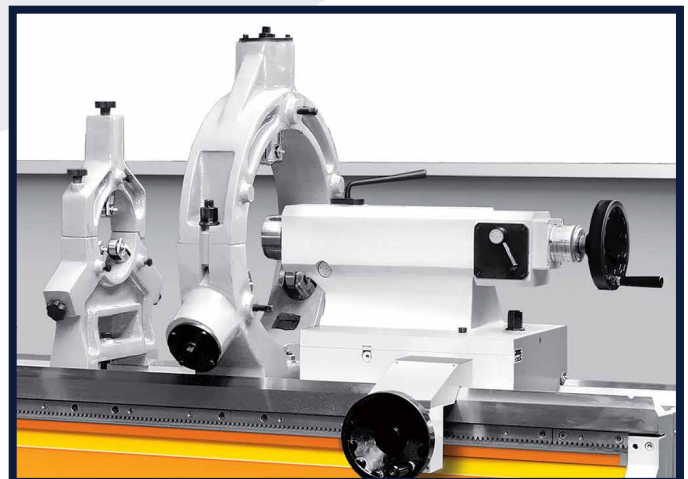
# TECHNICAL SPECIFICATIONS

		ER 325/500 ER 325/700 ER 325/1000	ER 400/750 ER 400/1000 ER 400/1500	ER 440/1000 ER 440/1500 ER 440/2000	ER 500/1000 ER 500/1500 ER 500/2000
<b>Capacities</b>					
Height of centers	mm	165	200	210	245
Swing over Bed	mm	325	400	440	500
Swing over cross slide	mm	190	235	230	300
Swing in gap*	mm	440	550	620	670
Width of bed	mm	200	320	360	
Distance between Centres	mm	500 - 750 - 1000	750 - 1000 - 1500	1000 - 1500 - 2000	
<b>Spindle</b>					
Spindle nose DIN 55027	No	5	6	8	
Spindle bore	mm	32	52	62	
Spindle taper	Metric	No. 4.5	6	80	
<b>Headstock</b>					
Number of spindle speeds	-	12 (24)	12	21	
Spindle speed ranges	rpm	85 - 2000 (42.5 - 2000)**	50 - 2240	20 - 2000	
Main motor power	kW	2.2	4	7.5 (11)	
<b>Feeds</b>					
Number of feeds	-	48	80	120	
Longitudinal feed range	mm/rev	0.006 - 1.77	0.015 - 0.6	0.04 - 12	
Cross feed range	mm/rev	0.003 - 0.885	0.0075 - 0.3	0.02 - 6	
<b>Threads</b>					
Number of threads	-	As below	40 of each kind	64 of each kind	
Metric thread range	mm	(48) 0.1 - 28	0.25 - 7.5	0.5 - 120	
Inch thread range	Tpi	(53) 75 - 2.5	120 - 4	60 - 1/4	
Module thread range	Module	(19) 0.1 - 1.75	0.0625 - 1.875	0.125 - 30	
DP thread range	DP	(19) 70 - 4	480 - 16	240 - 1	
<b>Carriage</b>					
Cross slide travel	mm	150	235	250	
Top slide travel	mm	95	110	130	
<b>Tailstock</b>					
Quill diameter	mm	40	60	70	
Quill taper	Morse	No.3	No.4	No.5	
Quill travel	mm	100	100	180	
<b>Dimensions</b>					
Length	mm	1750 - 2300	2500 - 3250	2290 - 3900	2900
Width	mm	1000		1100	
Height	mm	1550	1600	1700	1750
Weight	kg	770	1700	2560	2630

\* With option machine bed gap \*\* Only for two-speed motor execution



**TAILSTOCK**



**4 JAW CHUCK**