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MEYER EUROLINE ES 500/5000 PRECISION CENTRE LATHE

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 325mm swing over bed and 500mm between centres, up to 600mm swing over bed with 5 metres between centres. All models come with thread cutting as standard in a large range of metric, imperial, module and diametric pitches. Many models can be supplied with an optional infinitely variable speed configuration with a number of sub ranges.

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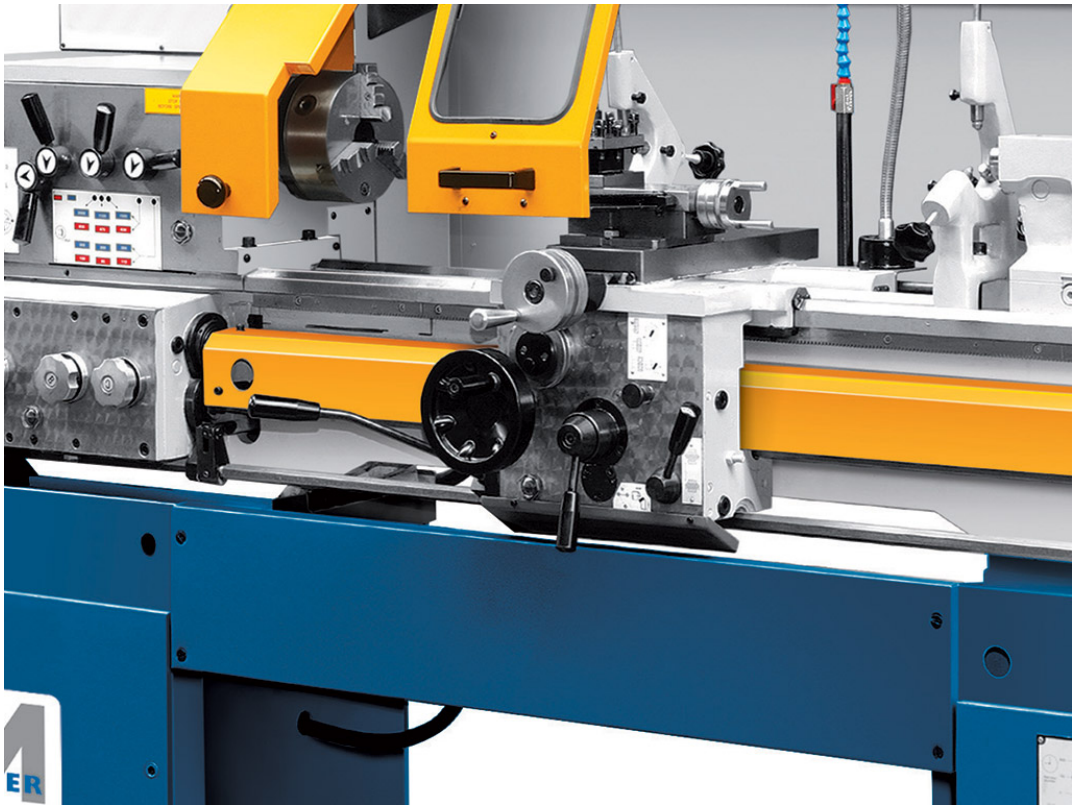
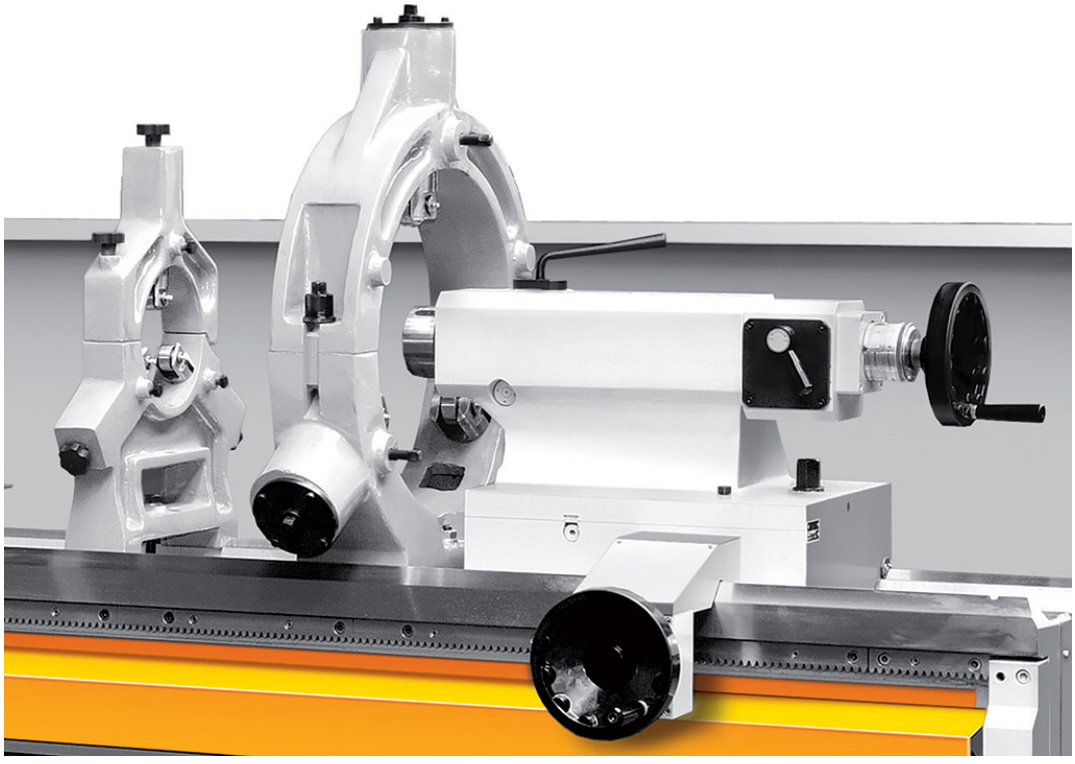
FEATURES

- High quality European built machines
- Rigid build ensures high chip removal rate during the rough turning operation
- Highly resistant steel with high loading capacity used for all gear and spindle parts
- Cast bed with hardened and ground bed ways
- Gap bed design
- Rapid traverse
- Four position square toolpost
- Chuck guard with interlock switch
- Lead screw guard
- Low voltage halogen work light
- Centralised lubrication
- Chip collection tray
- Coolant system
- Full length rear splash guard

OPTIONS

- 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 INFORMATION

Capacities		
Height of Centres	mm	250
Swing over Bed	mm	500
Swing over Cross Slide	mm	300
Swing in Gap	mm	700
Width of Bed	mm	400
Distance between Centres	mm	5000
Headstock		
Spindle Nose (DIN55027)	No	8
Spindle Bore	mm	72
Spindle Taper	Metric	80
Number of Spindle Speeds	No	21
Spindle Speed Range	RPM	20 - 2000
Variable Spindle Speed Range (Optional)	RPM	25 - 2000
Main Motor Power	kW	7.5
Feed Rates		
Number of Feeds	No	120
Longitudinal Feed Range	mm/rev	0.04 - 12
Cross Feed Range	mm/rev	0.02 - 6
Threads		
Metric Thread Range/No of Steps	mm	0.5 - 120
Imperial Thread Range/No of Steps	TPI	60 - 1/4
Module Thread Range/No of Steps	Module	0.125 - 30
DP Thread Range/No of Steps	DP	240 - 1
Carraige		
Cross Slide Travel	mm	315
Top Slide Travel	mm	130
Tailstock		
Quill Diameter	mm	90
Quill Taper	MT	5
Quill Travel	mm	230
Dimensions		
Length	mm	6900
Width	mm	1100
Height	mm	1700
Weight	kg	4200

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