

XYZ XL 1100

SPINDLE 70 kW / (94HP)

SWING OVER BED 1,100 mm

SPINDLE BORE 160 mm (up to 420 mm opt)

DISTANCE BETWEEN CENTRES 1M-6M

SPINDLE SPEEDS RPM:

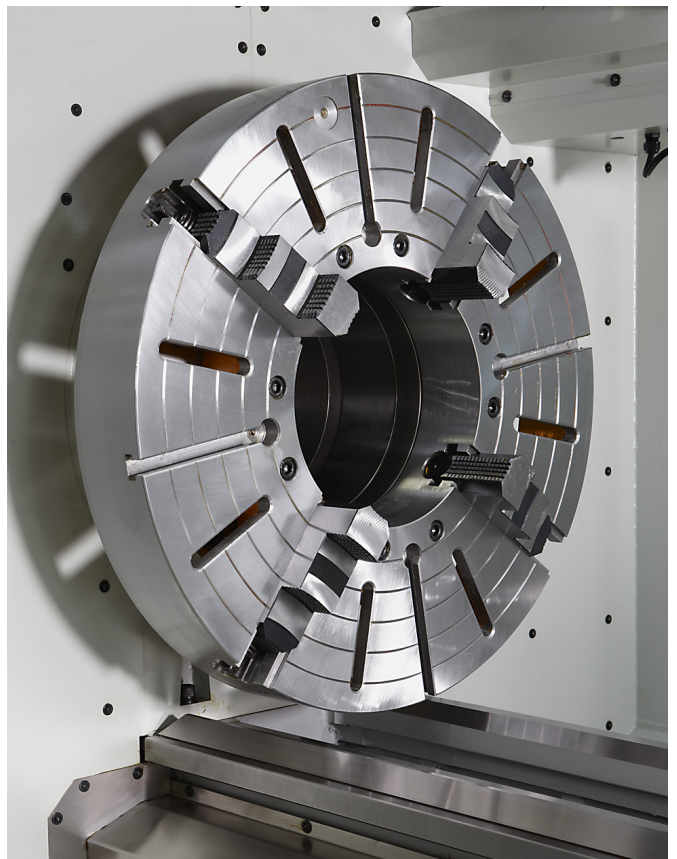
H320-660, M 110-320, L 20-110

SIEMENS



The XYZ XL and Oil Country Lathes are heavy-duty machines built to handle the toughest of work for either chucking or between centre applications using the massive tailstock assembly. The solid ribbed cast construction with wide vee and flat bed ways offer excellent stability and rigidity. The powerful spindles sit in a headstock built using the highest quality gears and bearings.

In combination, these features create one of the most capable and reliable ranges of large capacity lathes available in the UK.



The **XYZ** Oil Country and XL Lathe range feature a one-piece bed and base casting.



Part of the **XYZ** Turning Catalogue which includes:

ProtoTRAK® Lathes.

Turning Centres.

XL Extra Large Lathes.

Oil Country Lathes.

Mobile Robotic Automation.

Manual Mills & Lathes.

Grinders.

Tooling & Accessories.



Visit www.xyzmachinetools.com or the YouTube channel to see the video.

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Headstock

The Headstock is built using induction hardened and precision ground gears. Precision taper roller bearings and support journal bearings ensure spindle rigidity and concentricity. High pressure oil lubrication is provided to all gears and bearings via a pump and oil cooler ensuring thermal stability, quiet running and long life.

Control

We have chosen the 'Easy to program' Siemens 840D Conversational 'Shop Turn' Control as the standard control.

Swarf Management

All XYZ Oil Country and XL Lathes come as standard with swarf conveyor and bin.

Cast Bed & Base

This heavy machine comes with a massive one piece 544mm wide bed with induction hardened and ground slides.

Tailstock

The massive tailstock with two clamp points prevents movement when machining components between centres.

	XYZ XL 1100
Bed type	One piece bed and base
Swing over bed	1,100 mm
Swing over cross slide	750 mm
Cross slide travel	550 mm
Distance between centres	1M - 6M
Spindle bore standard <i>Larger available</i>	160 mm
Spindle nose	A2-11
Spindle taper	MT 15
Spindle motor	70 kW / (94 HP) / max 37 kW / (50 HP) continuous
Spindle speeds rpm <i>Based on standard spindle bore</i>	H 320-660 M 1,10-320 L 20-110
Tailstock quill travel	300 mm
Tailstock taper	MT6
Tailstock diameter	115 mm
Bed width	533 mm
Weight capacity	
Chuck only	1,000 kg
Chuck and tailstock	4,000 kg
Chuck, steady and tailstock	7,000 kg
Footprint LxDxH Length based upon 1 metre between centres version <i>(add 1,000 mm for each extra metre of between centres distance)</i> <i>Add 1,100 mm to the length to allow for the standard swarf conveyor.</i>	Length 4,070 mm Depth 2,300 mm Height 2,200 mm
Weight Based upon 1 metre between centres version	1 metre BC machine 8,000 kgs <i>(add 1,100 kgs per extra metre of between centres distance)</i>