

## Lehigh Lathe M-40/50/63" Series

<b>SPECIFICATIONS</b>	
<b>Machine Capacity</b>	<b>40" 50" 63"</b>
Swing over bed	40" 50" 63"
Swing over cross slide	25" 35" 41"
Distance between centers	80", 120", 160", 200", 240", 320", 400"
<b>Headstock and Spindle</b>	
Spindle hole	5'1/8" (130 mm)
Spindle nose	A1-15
Spindle center taper	MT #5
Spindle speed	4-387 RPM
<b>Feeds and Threads</b>	
Longitudinal feeds	0.004"-0.472"/rev.
Cross feeds	0.002'-0.236"/rev.
Compound feeds	0.001"-0.118"/rev.
Inch threads (31 kinds)	3/8-28 TPI
Metric threads (44 kinds)	1-120 mm
Modular threads (45 kinds)	0.5-60 mm
DP threads (25 kinds)	1-56 D.P.
<b>Carriage and Cross Slide</b>	
Rapid longitudinal travel	184 IPM
Rapid cross travel	92 IPM
Rapid travel to the compound	46 IPM
Travel of cross slide	20" 24" 26"
Travel of the compound rest	12"
<b>Tailstock</b>	
Quill diameter	5.6" (140 mm)
Quill travel	12" (300 mm)
Tailstock center	MT #6
Dual speed reduction ratio	20:1
<b>Motors</b>	
Main drive motor	AC 30 HP/220V/3 PH
Rapid motor	AC 1 HP
Coolant pump	AC 1/3 HP