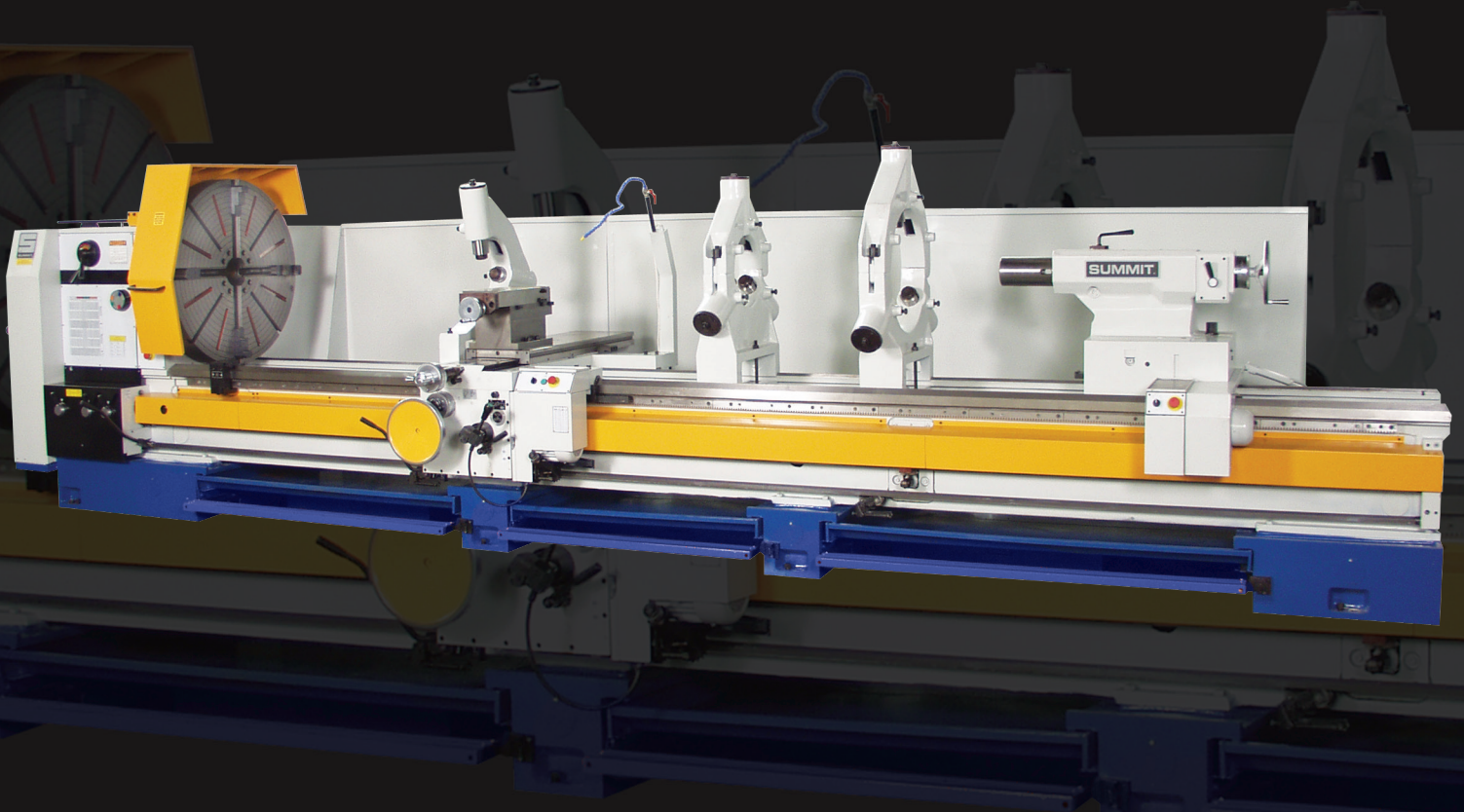


**SUMMIT**  
MACHINE TOOL LLC



# HEAVY DUTY BIG SWING LATHES

**35" - 42" - 52" SWINGS**  
**6.1" SPINDLE BORE**

# DIMENSIONS AND SPECIFICATIONS

## 35" - 42" - 52" HEAVY DUTY BIG SWING LATHES



SPECIFICATIONS	35"	42"	52"	35" VS	42" VS	52" VS
<b>CAPACITIES</b>						
Swing Over Bed	35" / 890mm	42.9" / 1090mm	51.9" / 1,320mm	35" / 890mm	42.9" / 1090mm	51.9" / 1,320mm
Swing Over Cross Slide	1.96" / 500mm	27.5" / 700mm	37.4" / 950mm	1.96" / 500mm	27.5" / 700mm	37.4" / 950mm
Swing In Gap	41.7" / 1,060mm	49.6" / 1,260mm	59.4" / 1,510mm	41.7" / 1,060mm	49.6" / 1,260mm	59.4" / 1,510mm
Width of Bed	27.5" / 700mm					
<b>HEADSTOCK</b>						
Spindle Bore	6.1" / 155mm					
Spindle Nose	A2 - 15					
Spindle Speeds - number	24			Infinitely Variable (4 ranges)		
Spindle Speeds - range	6.3 - 1250			2.6 - 700		
<b>FEEDS &amp; THREADS</b>						
Feeds - number	160					
Longitudinal Feeds - range	.0013" - 1.53" IPR / .032 - 38.99mm/rev					
Cross Feeds - range	.0006" - .7657" IPR / .016 - 19.45 mm/rev					
Threads - number	80					
Inch Threads - range	1/16 - 60					
Metric Threads - range	.5 - 480					
<b>CARRIAGE &amp; APRON</b>						
Cross Slide Travel	19.6" / 500mm		26.9" / 685mm		19.6" / 500mm	26.9" / 685mm
Compound Travel	10.6" / 270mm					
<b>TAILSTOCK</b>						
Tailstock Quill Diameter	4.9" / 125mm					
Tailstock Quill Taper	#6 MT					
Tailstock Quill Travel	9.8" / 250mm					
Horsepower	30 HP / 22 kw			40 HP / 30 kw		
<b>WEIGHT</b>						
60" / 1,500mm	15,400 lbs. / 6,990kg	17,100 lbs. / 7,740kg	18,200 lbs. / 8,240kg	15,400 lbs. / 6,990kg	17,100 lbs. / 7,740kg	18,200 lbs. / 8,240kg
120" / 3,000mm	19,100 lbs. / 8,650kg	20,800 lbs. / 9,450kg	21,800 lbs. / 9,900kg	19,100 lbs. / 8,650kg	20,800 lbs. / 9,450kg	21,800 lbs. / 9,900kg
160" / 4,000mm	21,500 lbs. / 9,750kg	23,300 lbs. / 10,550kg	24,200 lbs. / 11,000kg	21,500 lbs. / 9,750kg	23,300 lbs. / 10,550kg	24,200 lbs. / 11,000kg
200" / 5,000mm	25,000 lbs. / 11,350kg	26,800 lbs. / 12,150kg	27,800 lbs. / 12,600kg	25,000 lbs. / 11,350kg	26,800 lbs. / 12,150kg	27,800 lbs. / 12,600kg
240" / 6,000mm	27,700 lbs. / 12,500kg	29,200 lbs. / 13,250kg	30,200 lbs. / 13,700kg	27,700 lbs. / 12,500kg	29,200 lbs. / 13,250kg	30,200 lbs. / 13,700kg

### INCLUDED ACCESSORIES

- Steady rest
- Follow rest
- Thread dial
- Coolant system
- Taper attachment
- 3 jaw chuck
- Carriage stop
- Work light
- Full length splash guard
- Service wrenches and spinners

### OPTIONS

- Quick change tool post with holders
- Fagor 2 axis digital readout installed

### STANDARD FEATURES

- Big 6 1/8" thru hole
- Inch/metric threads with single switch lever
- Cuts most inch/metric threads without change gears
- Hardened and ground bedways
- Forced lubrication to the headstock, carriage and bedways
- Mechanical disc clutch
- Removable gap
- Precision (3) bearing spindle
- Crossfeed and threading safety interlock
- Feed reversing at the apron
- 6-way rapid traverse
- Single lever control for feeds and rapids
- Powered tailstock movement
- Power compoint

### ELECTRICS

- 220/440/680

**WARRANTY:** A copy of Summit Machine Tool LLC's standard written warranty is attached to each Summit Machine. Call or write to Summit for a copy or for further information concerning Summit's standard warranty. All purchases are subject to Summit's standard written warranty. Specifications are subject to change without notice.

**POINT OF OPERATION GUARDING** is the responsibility of the end user. For information contact your local OSHA office.

## SUMMIT MACHINE TOOL LLC

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