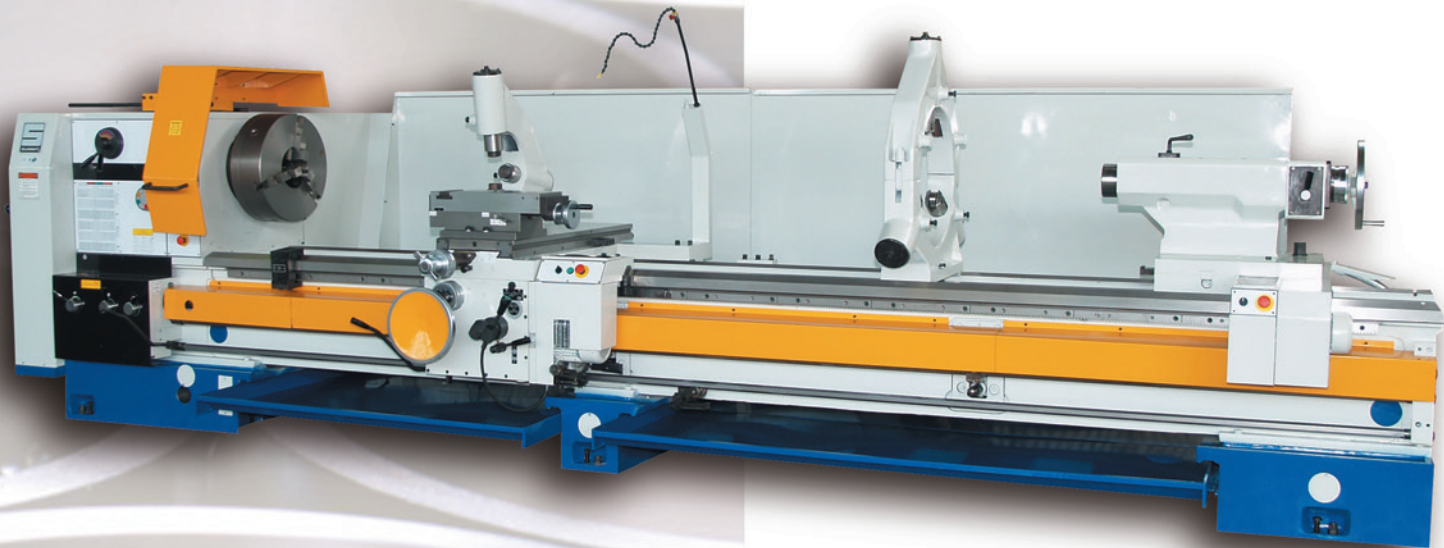


**Summit Machine  
Tool Manufacturing  
L.L.C.**



# **Heavy Duty Big Swing Lathes**

**35"  
42"  
52"**

# Dimensions and Specifications

## Heavy Duty Big Swing Lathes 35", 42", 52"



### SPECIFICATIONS

MODELS	35	42	52	35 VS	42 VS	52 VS
Swing over bed	35"/890mm	42.9"/1090mm	51.9"/1320mm	35"/890mm	42.9"/1090mm	51.9"/1320mm
Swing over cross slide	19.6"/500mm	27.5"/700mm	37.4"/950mm	19.6"/500mm	27.5"/700mm	37.4"/950mm
Swing in gap	41.7"/1060mm	49.6"/1260mm	59.4"/1510mm	41.7"/1060mm	49.6"/1260mm	59.4"/1510mm
Width of bed	27.5"/700mm					
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		
Feeds, number	160					
Longitudinal feeds, range	.0013" - 1.53" IPR/.032 - 38.9mm/rev					
Cross feeds, range	.0006" - .7657" IPR/.016 - 19.45 mm/rev					
Threads number	80					
Inch threads, range	1/16 to 60					
Metric threads, range	.5 - 480					
Cross slide travel	19.6"/500mm		26.9"/685mm	19.6"/500mm		26.9"/685mm
Compound travel	10.6"/270mm					
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		

### WEIGHT

60"/1500mm	15,400 lbs./6,990 kg	17,100 lbs./7,740 kg	18,200 lbs./8,240 kg	15,400 lbs./6,990 kg	17,100 lbs./7,740 kg	18,200 lbs./8,240 kg
120"/3000mm	19,100 lbs./8,650 kg	20,800 lbs./9,450 kg	21,800 lbs./9,900 kg	19,100 lbs./8,650 kg	20,800 lbs./9,450 kg	21,800 lbs./9,900 kg
160"/4000mm	21,500 lbs./9,750 kg	23,300 lbs./10,550 kg	24,200 lbs./11,000 kg	21,500 lbs./9,750 kg	23,300 lbs./10,550 kg	24,200 lbs./11,000 kg
200"/5000mm	25,000 lbs./11,350 kg	26,800 lbs./12,150 kg	27,800 lbs./12,600 kg	25,000 lbs./11,350 kg	26,800 lbs./12,150 kg	27,800 lbs./12,600 kg
240"/6000mm	27,700 lbs./12,550 kg	29,200 lbs./13,250 kg	30,200 lbs./13,700 kg	27,700 lbs./12,550 kg	29,200 lbs./13,250 kg	30,200 lbs./13,700 kg

### INCLUDED ACCESSORIES

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

### 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 compound

### OPTIONS

- Dorian super quick change tool post with holders
- Fagor 2 axis digital readout installed

### ELECTRICS

- 220/440/360

FOR MORE INFORMATION CALL  
**1-800-654-3262**



**WARRANTY:** A copy of Summit Machine Tool Manufacturing L.L.C.'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 Manufacturing L.L.C.**

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