

SUMMIT
MACHINE TOOL LLC



PRECISION BIG HOLE ENGINE LATHES

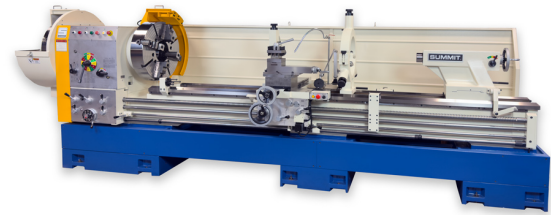
26" - 30" - 33" SWINGS
6" OR 9" SPINDLE BORE

DIMENSIONS AND SPECIFICATIONS

26" - 30" - 33" BIG HOLE ENGINE LATHES



SPECIFICATIONS	26"	30"	33"
CAPACITIES			
Swing Over Bed	26"	30"	33"
Swing Over Cross Slide	18"	22"	24 3/4"
Swing In Gap	35"	39"	41 3/4"
Length of Gap	18"		
HEADSTOCK			
Spindle Bore	6.1"		9.1"
Spindle Speeds - number	12		
Spindle Speeds - range RPM	13 - 800		11 - 700
Spindle Nose	D1-11		A2-15
FEEDS & THREADS			
Threads per inch - (number) range	(36) 2 - 28 TPI		
Metric Threads - (number) range	(65) .08 - 14mm		
Module Threads - (number) range	(22) .5" - 7M		
Diametral Pitch - (number) range	(36) 4 -56P		
Longitudinal Feeds - (number) range	(36) .0019 - .0276 IPR		
Cross Feeds - (number) range	(36) .0009 - .0137 IPR		
Leadscrew - (diameter) range	(1 3/4") 2 TPI		
CARRIAGE & APRON			
Cross Slide Travel	14"	15"	16 1/2"
Compound Travel	9"		
TAPER ATTACHMENT			
Degrees of Taper	+/- 10 degrees		
Length of Taper Per Setting	20"		
BED			
Width of Bed	18"		
Bed Way Hardness (Rockwell C)	42 - 50		
TAILSTOCK			
Travel of Spindle Barrel	9"		
Diameter of Spindle Barrel	3 3/4"		
Taper of Center	#5 MT		
MOTORS			
Spindle Motor	15 HP		
Rapid Traverse	1/4 HP		
Coolant Pump	1/8 HP		
MISCELANEOUS			
Width x Height	54" x 64"	54" x 66"	54" x 68"
Length/Weight - 80"	164" / 7,920 lbs.	164" / 8,250 lbs.	164" / 8,470 lbs.
Length/Weight - 120"	204" / 9,240 lbs.	204" / 9,570 lbs.	204" / 9,790 lbs.
Length/Weight - 160"	244" / 10,670 lbs.	244" / 11,000 lbs.	244" / 11,220 lbs.
Length/Weight - 180"	284" / 12,210 lbs.	284" / 12,540 lbs.	284" / 12,760 lbs.



INCLUDED ACCESSORIES

- 16" 3 jaw chuck with 6.1" thru hole (D1-11)
- 20" 4 jaw chuck with 6" thru hole (D1-11)
- Steady rest iwth roller tips (2" - 15")
- Follow rest
- Full length splash guard
- Halogen work light
- Taper attachment
- Coolant system
- Thread dial
- Front and rear 4 jaw chucks (9.1"/A2-15)

STANDARD FEATURES

- Quick change gear box will cut inch, metric, module & diametral pitch
- Hardened & precision ground extra wide bedways
- Spindle brake
- 4-way rapid traverse
- Removable gap (80", 120" & 160")
- Feeding reversing at the apron
- **6.1" or 9.1" spindle bore**

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.

01/2019

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FOR MORE INFORMATION CALL 1-800-654-3262

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