

SUMMIT
MACHINE TOOL LLC



PRECISION METAL LATHES

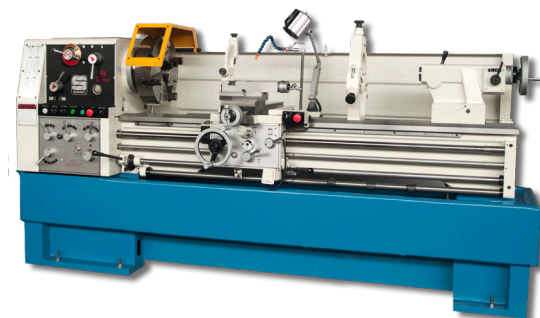
18" AND 20" SWINGS

DIMENSIONS AND SPECIFICATIONS

8-3 & 20-4 PRECISION METAL LATHES



SPECIFICATIONS	18-3	20-4
CAPACITIES		
Swing Over Bed	18 1/4"	20"
Swing Over Cross Slide	11 1/4"	13 1/4"
Swing In Gap	28"	30"
Length of Gap	4 1/4"	4 1/4"
HEADSTOCK		
Spindle Bore	3 1/8"	4"
Spindle Speeds - number	12	12
Spindle Speeds - range	32 - 1500 RPM	32 - 1500 RPM
Headstock Center	#5 MT	#5 MT
Spindle Nose	D1 - 8 Camlock	D1 - 8 Camlock
FEEDS & THREADS		
Threads per inch - (no.) range	(45) 2 - 72 TPI	(45) 2 - 72 TPI
Metric Threads - (no.) range	(42) .2 - 14	(42) .2 - 14
Longitudinal Feeds - (no.) range	(32) .002" - .0400 IPR	(32) .002" - .0400 IPR
Cross Feeds - (no.) range	(32) .001" - .0200 IPR	(32) .001" - .0200 IPR
Leadscrew - (diameter) range	(1 3/8") 4 TPI	(1 3/8") 4 TPI
CARRIAGE & APRON		
Cross Slide Travel	11 1/2"	11 1/2"
Compound Travel	5"	5"
TAPER ATTACHMENT		
Degrees of Taper	+/- 10 degrees	+/- 10 degrees
Length of Taper Per Setting	16"	16"
BED		
Width of Bed	13"	13"
Bed Way Hardness (Rockwell C)	44 - 50	44 - 50
TAILSTOCK		
Travel of Spindle Barrel	6"	6"
Diameter of Spindle Barrel	3"	3"
Taper of Center	#5 MT	#5 MT
MOTORS		
Spindle motor	10 HP	10 HP
Coolant Pump	1/8 HP	1/8 HP
MISCELLANEOUS		
Width x Height	44" x 63"	
Length x Weight - 40"	94"/4730 lbs.	94"/4930 lbs.
Length x Weight - 60"	114"/5390 lbs.	114"/5590 lbs.
Length x Weight - 80"	134"/6600 lbs.	134"/6800 lbs.



INCLUDED ACCESSORIES

- 3 Jaw Chuck
- 4 Jaw Chuck
- Steady Rest
- Follow Rest
- Full Length Splash Guard
- Halogen Work Light
- Taper Attachment
- Coolant System
- Thread Dial
- 4 Position Carriage Stop

STANDARD FEATURES

- Inch and Metric Threading
- Hardened & Precision Ground Bedways
- Removable Gap
- T-slotted Compound
- All Cast Iron Construction
- Dual Voltage - 220/440 volt/ 3 phase/60 Hz
- Two Speed Tailstock
- Four Way Rapid Traverse

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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FOR MORE INFORMATION CALL 1-800-654-3262

WWW.SUMMITMACHINETOOL.COM