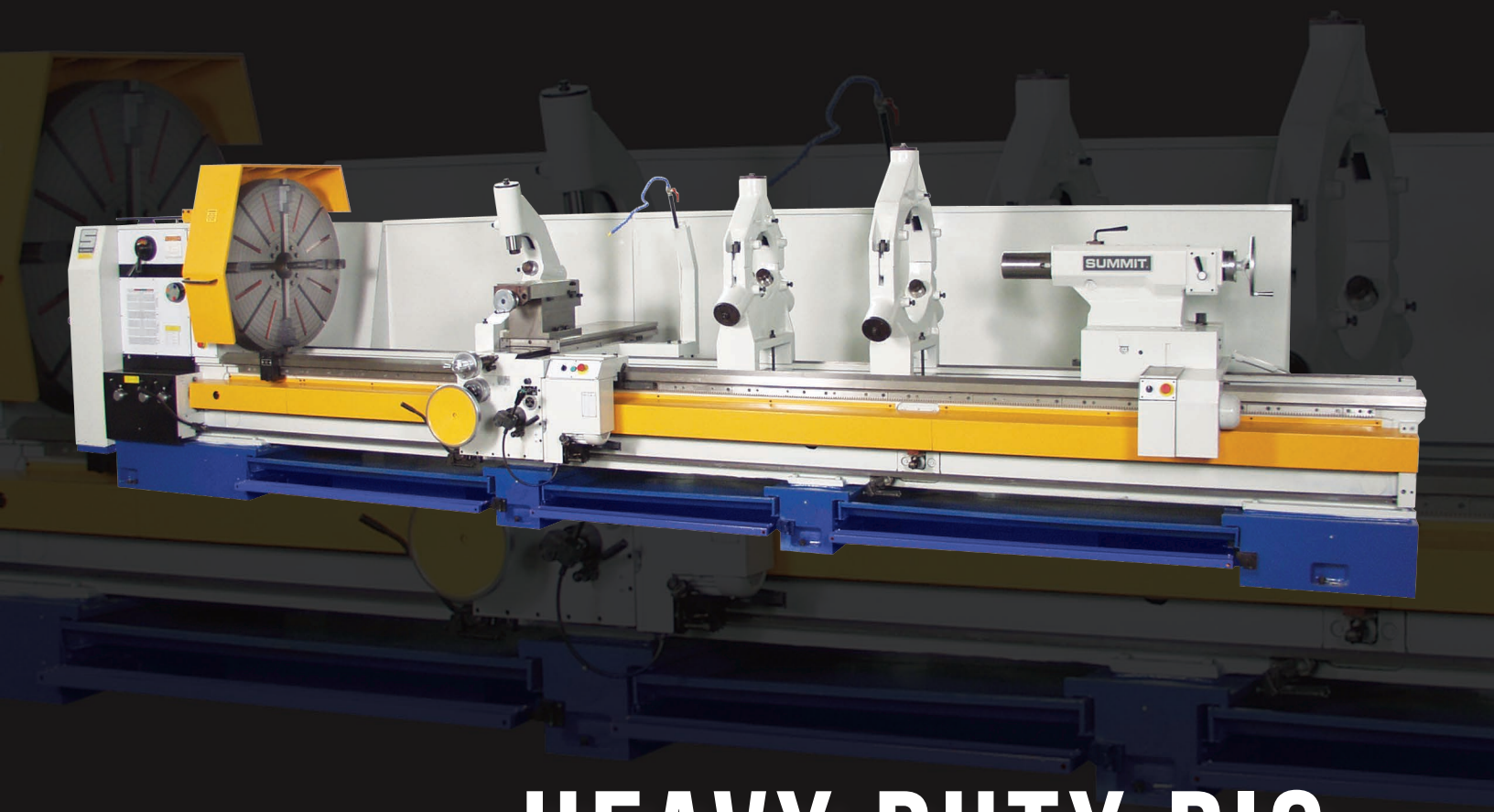
SUMMIT
MACHINE TOOL LLC



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" VS	42" VS	52" VS
CAPACITIES			
Swing Over Bed	35" / 890mm	42.9" / 1090mm	51.9" / 1,320mm
Swing Over Cross Slide	1.96" / 500mm	27.5" / 700mm	37.4" / 950mm
Width of Bed		27.5" / 700mm	
HEADSTOCK			
Spindle Bore		6.1" / 155mm	
Spindle Nose		A2 - 15	
Spindle Speeds - number		Infinitely Variable (4 ranges)	
Spindle Speedes - range		2.6 - 1000	
FEEDS & THREADS			
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	
CARRIAGE & APRON			
Cross Slide Travel	20" / 525mm	26.9" / 685mm	
Compound Travel		10.6" / 270mm	
TAILSTOCK			
Tailstock Quill Diameter		4.9" / 125mm	
Tailstock Quill Taper		#6 MT	
Tailstock Quill Travel		9.8" / 250mm	
Horsepower		40 HP / 30 kw	
WEIGHT			
60" / 1,500mm	15,400 lbs./ 6,990kg	17,100 lbs. / 7,740kg	18,200 lbs. / 8,240kg
80" / 2,000mm	17,300 lbs. / 7,860kg	18,900 lbs. / 8,600kg	19,800 lbs. / 9,00kg
120" / 3,000mm	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
200" / 5,000mm	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

INCLUDED ACCESSORIES

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

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
- 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

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.

03/2023

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