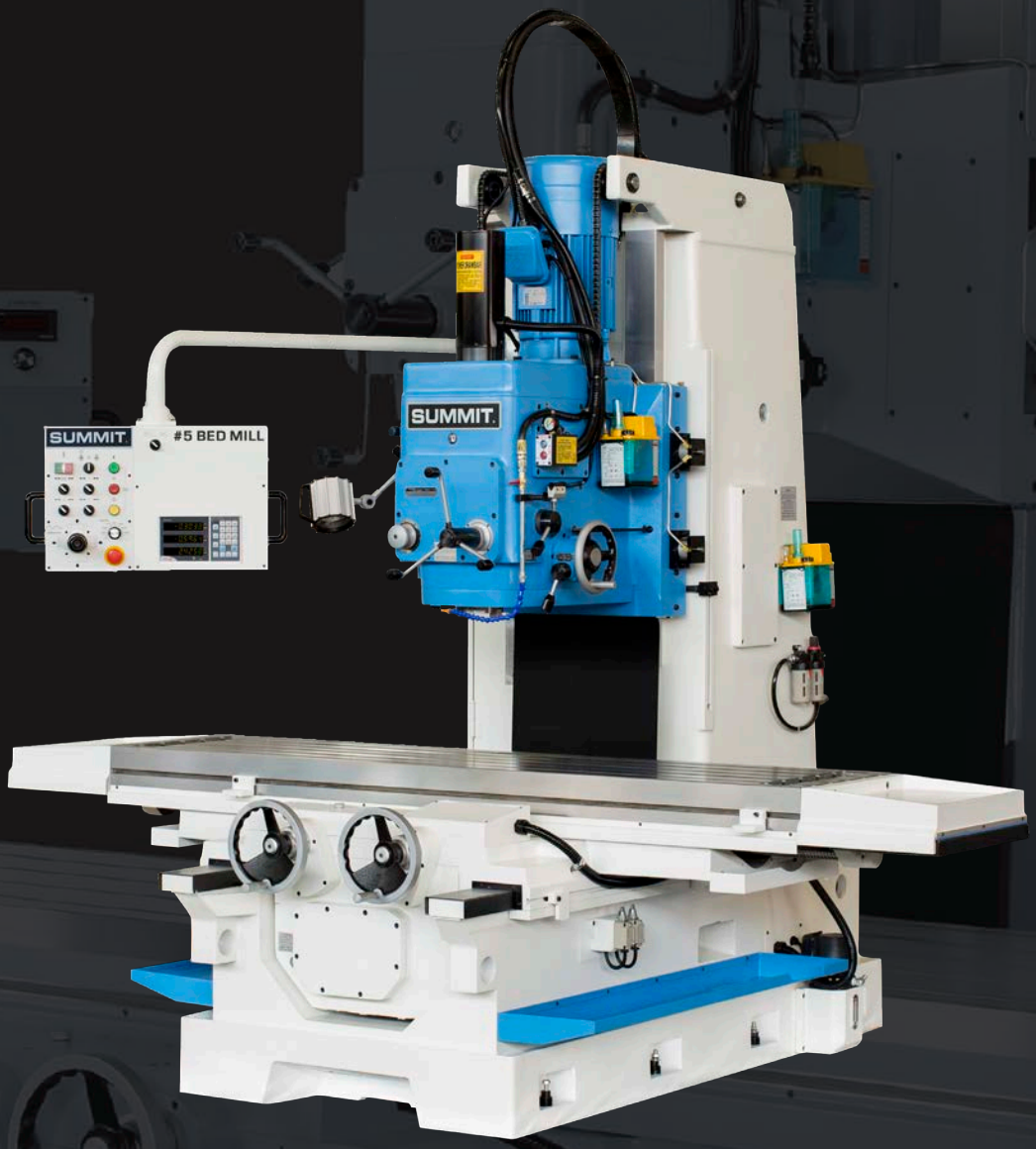
SUMMIT
MACHINE TOOL LLC



VERTICAL BED MILLS

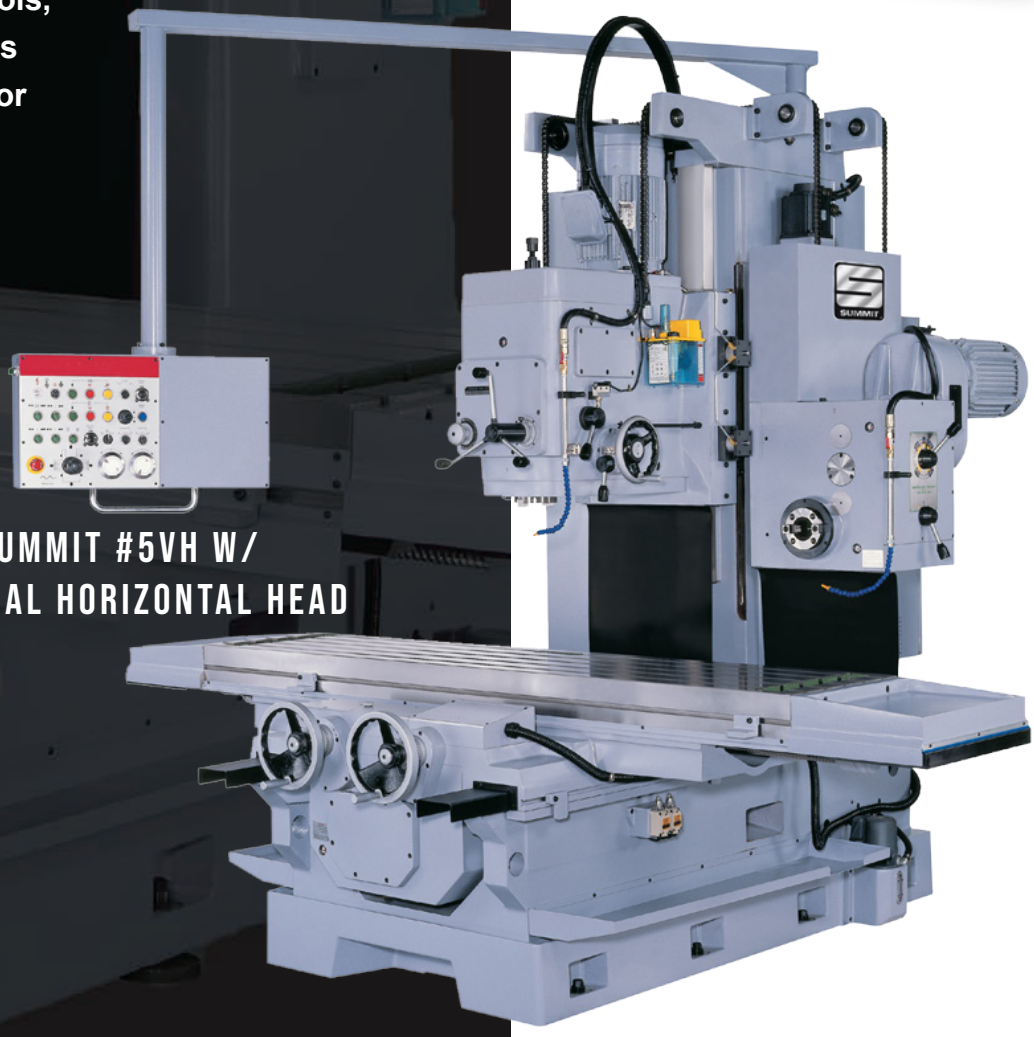
#3, #5, AND #8 MODELS

Summit® Vertical Bed Mills

offer high production accuracy due to their heavy construction and innovative design. The large choice of speeds and feeds makes these Vertical Bed Mills the ideal choice for job shops, production shops, repair and tool & die shops. The alloy steel main spindle is thermally treated and precision ground, then fixed on high accuracy bearings and the saddle assembly travels on precision ground slides which ensure rigidity for large capacity table loads. This machine also has an automatic lube system which ensures consistent lubrication of the speed and feed boxes. Changing of feeds and speeds is easy and efficient, combined with centralized operator controls, these machines are designed for virtually uninterrupted operation.

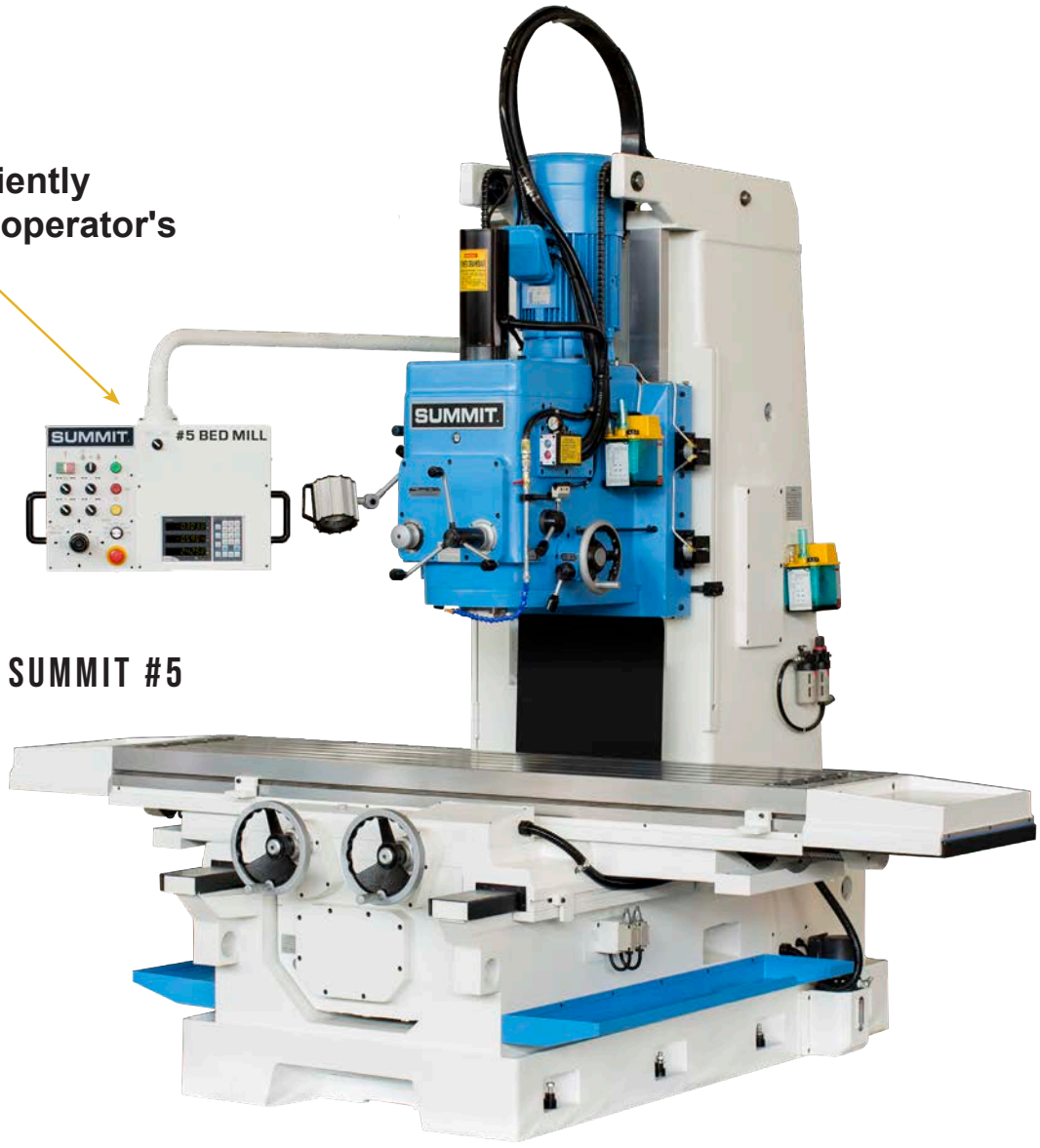
SUMMIT #3



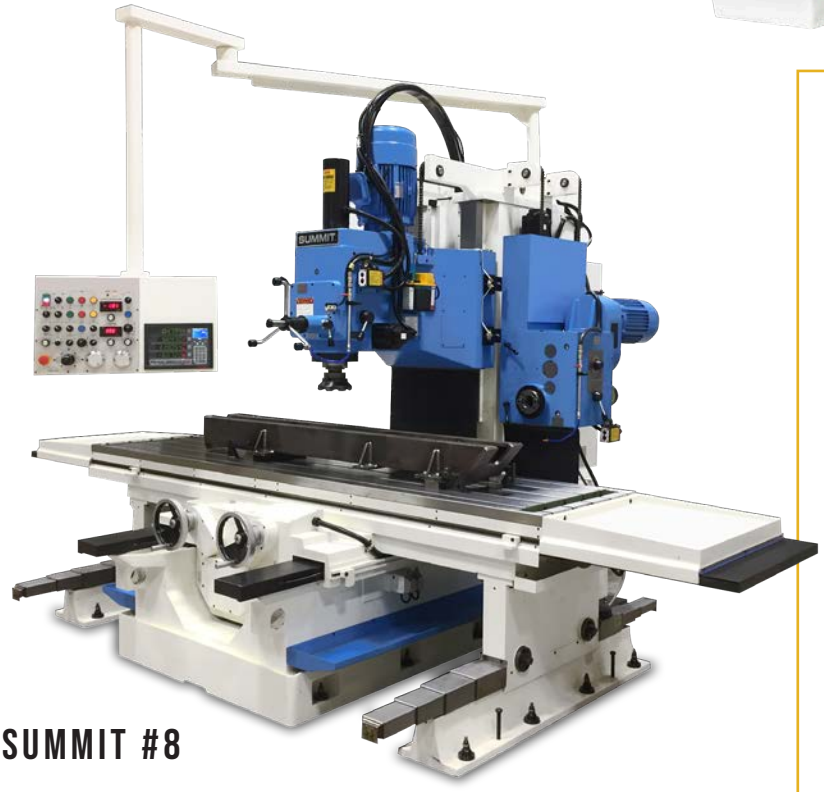


SUMMIT #5VH W/
OPTIONAL HORIZONTAL HEAD

Conveniently located operator's panel



SUMMIT #5



SUMMIT #8

INCLUDED ACCESSORIES

- 3 Axis Digital Readout
- Air Power Drawbar
- Coolant
- Work Light
- Spanners & Wrenches
- Levelling Bolts

STANDARD FEATURES

- Automatic Lubrication
- Conveniently Located Operator's Panel
- Rapid Traverse
- Ball Screws on X & Y Axis

FEATURES AND BENEFITS
VERTICAL BED MILLS

SPECIFICATIONS	#3	#5 / #5 VHL	#5 XL	#8 / #8VH
TABLE				
Working Surface	15" x 67"	19" x 86.6"	19" x 106"	29.5" x 106.3"
Table Top to Floor	31.5"	33.9"		35.4"
Number of T-Slots	5	5		5
Number of Feeds	Infinitely Variable	Infinitely Variable		Infinitely Variable
Maximum Table Load	1,760 lbs	2,640 lbs.		4,400 lbs.
TRAVERSE				
Longitudinal Travel (X)	39.4"	59"		78.75"
Cross Travel (Y)	15"	23.6"		31.5"
Vertical Head Travel (Z)	19.6"	27.5"		27.5"
VERTICAL SPINDLE HEAD				
Spindle Speeds (no.) range	(12) 45 - 1500 RPM	(12) 45 - 1500 RPM		(var.) 45 - 1500 RPM
Spindle Feeds (no.) range	(Inf. Var.) .002 - .008 IPR	(Inf. Var.) .002 - .008 IPR		(Inf. Var.) .118 - 11.8 IPM
Spindle Nose to Table Top	3.9" - 23.6"	3.9" - 31.5"		2.75" - 30"
Spindle Center to Column	14.91"	21.6"		31.75"
Spindle Taper	#50	#50		#50
HORIZONTAL SPINDLE HEAD				
Taper	N/A	N/A #50		N/A #50
Spindle Speeds (no.) range	N/A	N/A (12) 45-1450 RPM		N/A (var.) 45-1450 RPM
Vertical Travel (W)	N/A	N/A 25.6"		N/A 25.6"
Rapid Traverse	N/A	N/A 150 IPM		N/A 150 IPM
FEEDS RANGE				
Longitudinal	1.1 - 34.4" IPM	0 - 39.4" IPM		1.1 - 39.4" IPM
Cross	1.1 - 34.4" IPM	0 - 39.4" IPM		1.1 - 39.4" IPM
Rapid Traverse	113.4 IPM	130 IPM		122 IPM
MOTORS				
Vertical Head	7.5 HP	17.5 HP		17.5 HP
Feed Motor	N/A	5 HP		5 HP
Horizontal Head	N/A	N/A 7.5 HP		N/A 7.5 HP
Table Feed	1.7 HP			
WEIGHTS, DIMENSIONS, ELECTRICS				
Length x Width x Height	79" x 126" x 95"	101" x 175" x 113"	101" x 195" x 113"	124" x 224" x 115"
Weight	8,800 lbs	15,400 lbs 19,140 lbs	17,000 lbs	25,960 lbs 28,600 lbs

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.

02-2021

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