

FEATURES AND BENEFITS VERTICAL BED MILLS



| SPECIFICATIONS | #3VL | #4VL | #5 VL/#5 VHL | #8 VL/#8VHL |
|---------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| TABLE | | | | |
| Working Surface | 15" x 67" | 17.7" x 74.8" | 19" x 86.6" | 29.5" x 106.3" |
| Table Top to Floor | 31.5" | 33.5" | 33.9" | 35.4" |
| Number of T-Slots | 5 | | 5 | 5 |
| Number of Feeds | Infinitely Variable | Infinitely Variable | Infinitely Variable | Infinitely Variable |
| Maximum Table Load | 1,760 lbs | 2,200 lbs. | 2,640 lbs. | 4,400 lbs. |
| TRAVERSE | | | | |
| Longitudinal Travel (X) | 39.4" | 47.35" | 59" | 78.75" |
| Cross Travel (Y) | 15" | 17.7" | 23.6" | 31.5" |
| Vertical Head Travel (Z) | 19.6" | 21.6" | 27.5" | 27.5" |
| VERTICAL SPINDLE HEAD | | | | |
| Spindle Speeds (no.) range | (12) 45 - 1500 RPM | (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.) .002 - .008 IPR | (Inf. Var.) .118 - 11.8 IPM |
| Spindle Nose to Table Top | 3.9" - 23.6" | 3.9" - 23.6" | 3.9" - 31.5" | 2.75" - 30" |
| Spindle Center to Column | 14.91" | 17.7" | 21.6" | 31.75" |
| Spindle Taper | #50 | #50 | #50 | #50 |
| HORIZONTAL SPINDLE HEAD | | | | |
| Taper | N/A | N/A | N/A | #50 |
| Spindle Speeds (no.) range | N/A | N/A | N/A | (12) 45-1450 |
| Vertical Travel (W) | N/A | N/A | N/A | 25.6" |
| Rapid Traverse | N/A | N/A | N/A | 150 IPM |
| FEEDS RANGE | | | | |
| Longitudinal | 1.1 - 34.4" IPM | 1.1 - 34.4" IPM | 0 - 39.4" IPM | 1.1 - 39.4" IPM |
| Cross | 1.1 - 34.4" IPM | 1.1 - 34.4" IPM | 0 - 39.4" IPM | 1.1 - 39.4" IPM |
| Rapid Traverse | 113.4 IPM | 113.4 IPM | 130 IPM | 122 IPM |
| MOTORS | | | | |
| Vertical Head | 7.5 HP | 10 HP | 20 HP | 20 HP |
| Feed Motor | N/A | N/A | 5 HP | 5 HP |
| Horizontal Head | N/A | N/A | N/A | 7.5 HP |
| Table Feed | 1.7 HP | 2 HP | | |
| WEIGHTS, DIMENSIONS, ELECTRICS | | | | |
| Length x Width x Height | 79" x 126" x 95" | 87" x 150" x 103" | 101" x 175" x 113" | 124" x 224" x 115" |
| Weight | 8,800 lbs | 11,400 lbs | 15,400 lbs | 19,140 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.

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SUMMIT MACHINE TOOL LLC

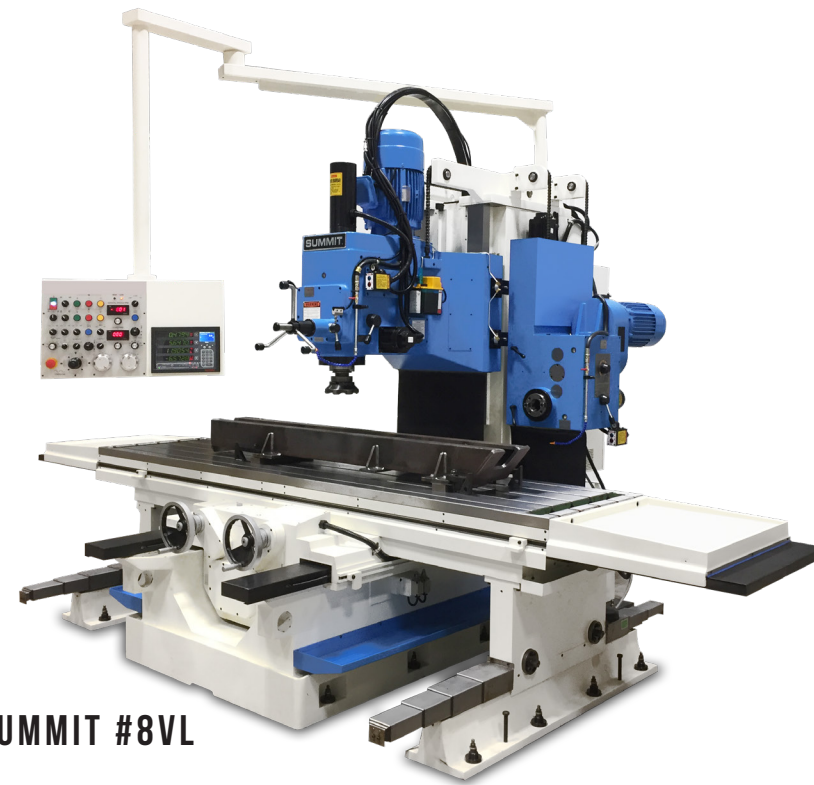


VERTICAL BED MILLS

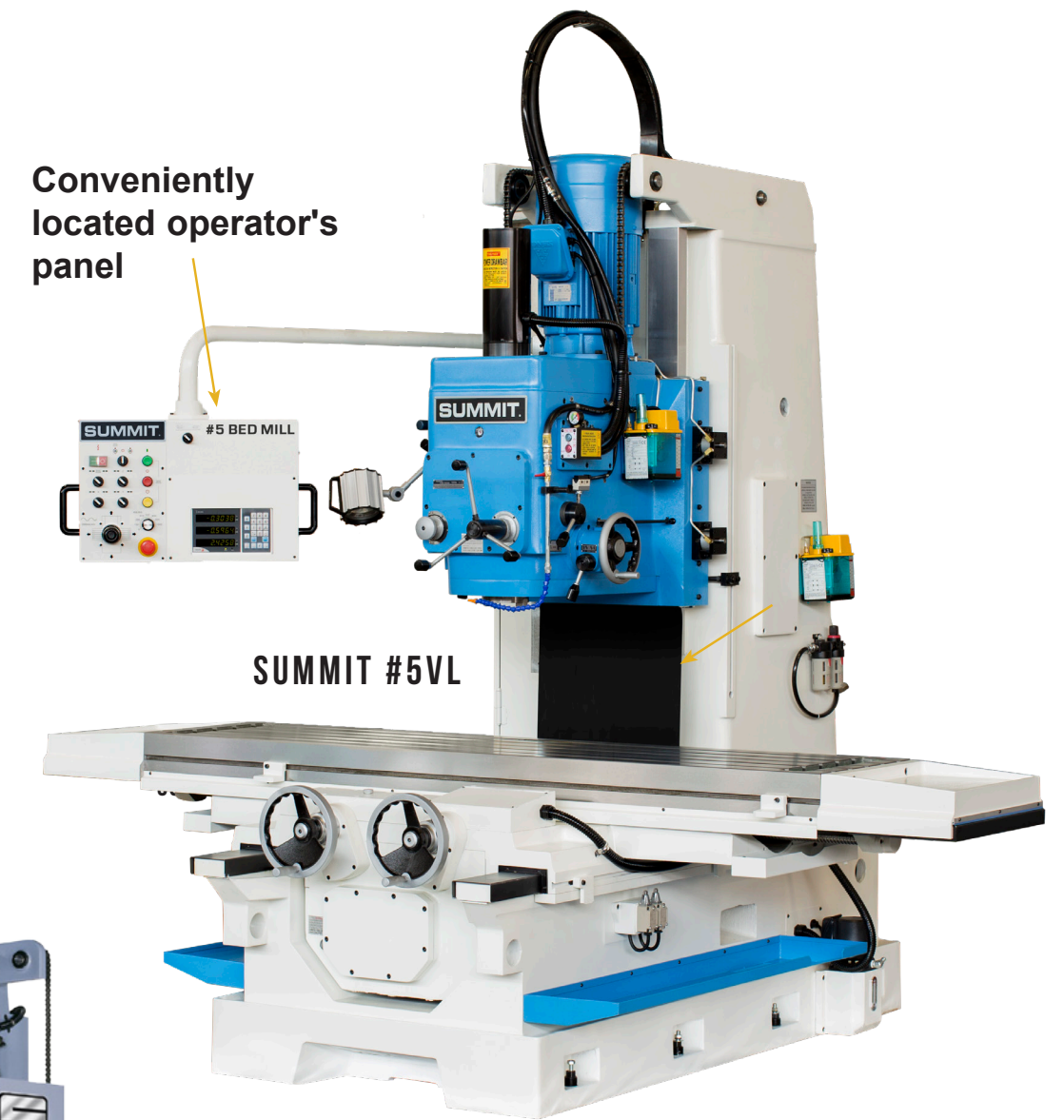
#3, #4, #5 AND #8 MODELS

Summit® Vertical Bed Mills

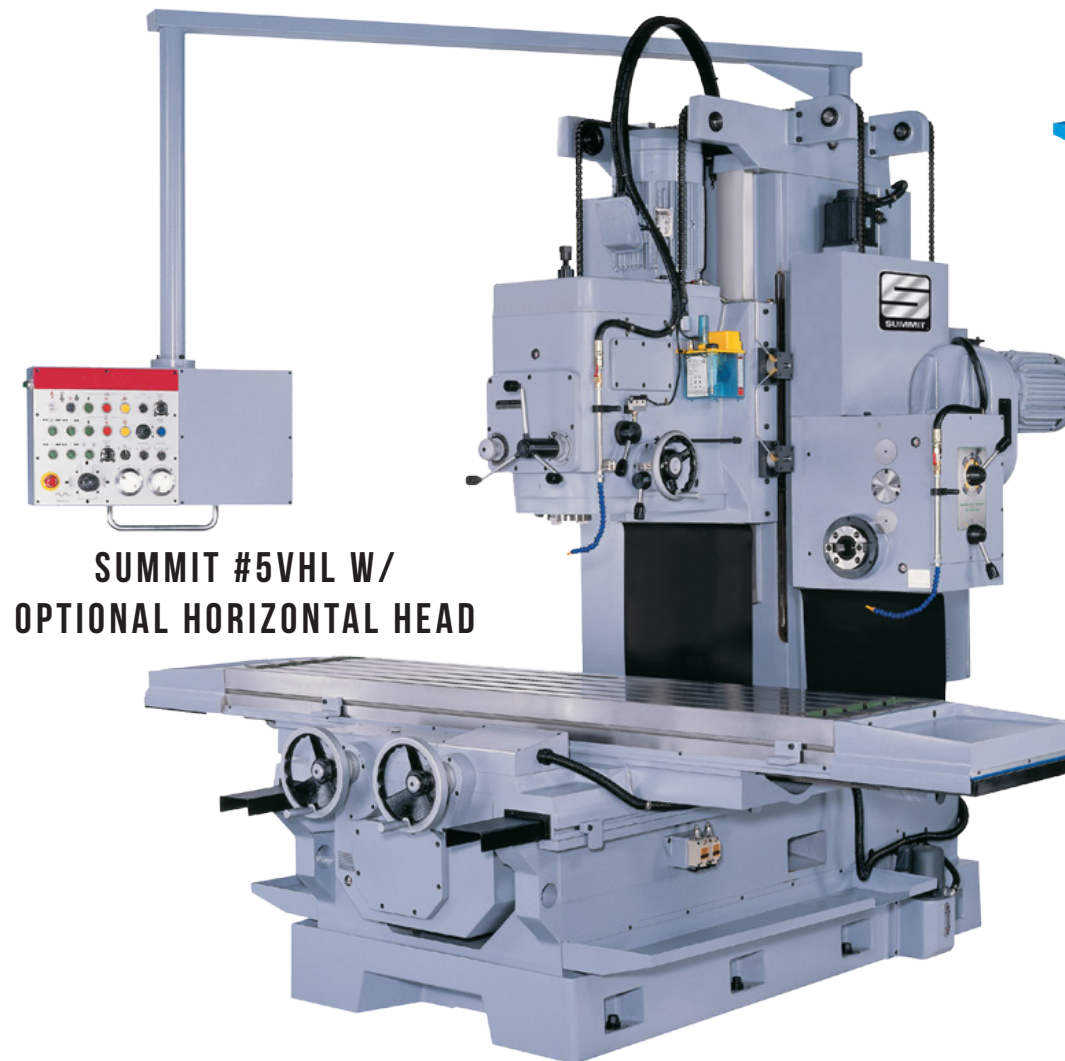
offer high production accuracy due to their heavy construction and innovative design. The large choice of speeds and feeds makes these Vertical Bed Mills the ideal choice for job shops, production shops, repair and tool & die shops. The alloy steel main spindle is thermally treated and precision ground, 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 #8VL



SUMMIT #5VL



SUMMIT #5VHL W/
OPTIONAL HORIZONTAL HEAD



SUMMIT #3VL

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