



SKU : 362651

VHF series machines feature large travels, a vertical and horizontal spindle with separate drives for powerful machining. The vertical head swivels out ($\pm 45^\circ$) and the quill is movable. All models of this series are ideally suited for applications in repair shops or training shops.

- Tilting vertical milling head
- Automatic feed in X and Y axes
- Horizontal spindle with counter holder
- Extensive package of standard accessories

TECHNICAL SPECS

WORKING AREA

Drilling capacity in steel	1 in
Max. end mill diameter	1 in
Tapping capacity, steel	M 16
Max. end face mill diameter	3.9 in
Table set up area	50 in x 11 in
Table load capacity (max.)	330 lbs

TRAVELS

Travel X-axis	27.6 in
Travel Y-axis	8 in
Travel Z-axis	12 in

VERTICAL MILLING HEAD

Spindle speed (vertical)	115 rpm - 1750 rpm
Spindle mount	SK 40 DIN 2080
Quill stroke	5 in
Throat	8 in - 26 in
Spindle nose-to-table surface distance	2 in - 15 in
Milling head swivel range	45 deg

RAPID FEED

Rapid feed Z-axis	14.96 in/min
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HORIZONTAL MILLING SPINDLE

Spindle speed (horizontal)	40 rpm - 1300 rpm
Spindle mount	ISO 40
Horizontal spindle-to-table surface distance	0 in - 12 in

FEED

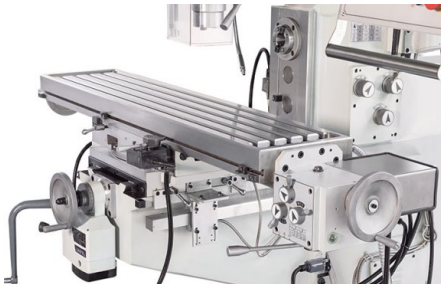
Feed speed X-axis	0.6299 in/min - 14.9606 in/min
Feed speed Y-axis	0 in/min - 28 in/min

DRIVE CAPACITY

Motor rating horizontal spindle	3 Hp
Motor rating vertical spindle	1.1 Hp - 2 Hp

MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	67 in x 58 in x 97 in
Weight	3080 lbs



PRODUCT DETAILS

- This excellent price/performance ratio is made possible by high volume production with standardized VHF assemblies
- Extremely rigid machine bed made of high-strength cast-iron with heavy ribbing
- Precision-ground guideways with hardened surfaces for long term accuracy and wear resistance
- The milling table features a large setup area
- Vertical and horizontal spindles each have a separate drive with gearbox for maximum machining power
- The vertical head swivels to both sides ($\pm 45^\circ$), quill feed through capstan or with fine feed hand wheel
- When working with the horizontal spindle, the complete top beam/head assembly can be rotated $\pm 180^\circ$ on the column
- Standard outer arbor support with bronze plain bearings accommodates long milling arbors in the horizontal spindle
- Feed system with manual gearbox on X-axis and infinitely variable feed unit on the Y-axis
- Height adjustment of the work table via automatic feed - precision feed via smooth hand rank
- Swiveling control panel with integrated position indicator for maximum operator comfort
- Coolant system and chip tray are included

STANDARD EQUIPMENT

- 3-axis position indicator X.Pos 3.2
- Coolant system
- Work lamp
- Operating tools
- Operator instructions
- M16 draw bar
- Outer arbor support for horizontal milling
- Chip tray
- Cutter arbor $\varnothing 1''$