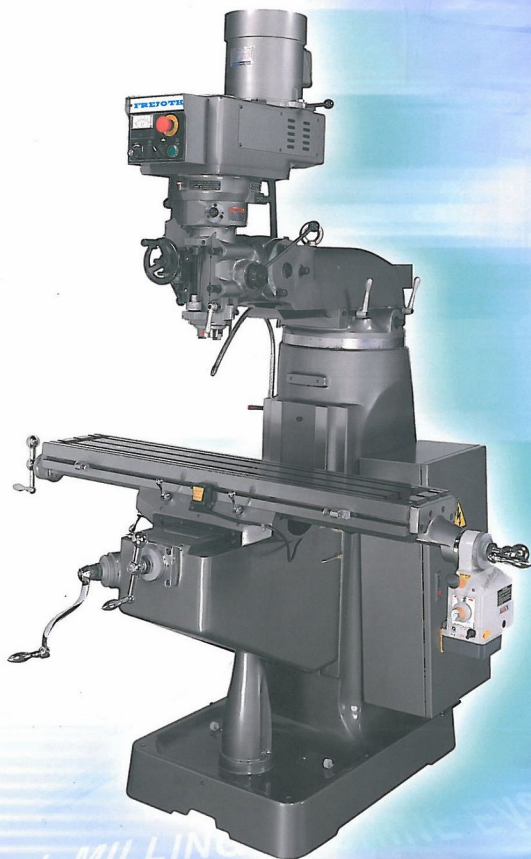


FREJOTH

VERTICAL MILLING MACHINES EVS SERIES



THE LEADER IN QUALITY AND RELIABILITY

~ SINCE 1973 ~



*A.C. Frequency
Head Stock*



*Electrical switch box
with inverter.*



VK-406evs

*X/Y/Z: 890 x 310 x 406mm (35x12.2x16")
Table: 1.219 x 229mm (48x9")
Spindle: ISO - 30 - 3Hp*



VK-420evs

*X/Y/Z: 960 x 400 x 400mm (37.8x15.75x15.75)
Table: 1.372 x 254mm (54x10")
Spindle: ISO - 40 - 5Hp*

VK-430evs

*X/Y/Z: 960 x 400 x 420mm (37.8x15.75x16.5)
Table: 1.372 x 254mm (54x10")
Spindle: ISO - 40 - 5Hp*



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mm (37.8x15.75x16.54)
54x10")

★ OUTSTANDING FEATURES

1. Built in coolant tank in base, all base machined.
2. Ground and hardened column slide ways
3. Table T-slots precised machined.
4. Ram slide ways ground
5. Hardened and ground on X and Y slideways
6. High precision angular contact ball bearing p4 (class 7)
7. All quill are precision hardened, ground and chrome plated.
8. Turcite B on X axis
9. Table are hardened and ground.
10. Precision scrapping jobs for all keyway and saddle, guarantee contacted surface more than 50-60 percent.

★ STANDARD ACCESSORIES:

1. Delux electrical switch box
2. Mechanical draw bar
3. Mechanical one-shut lubrication pump
4. Necessary tools and toolbox
5. Operation manual and spare part list

★ OPTIONAL ACCESSORIES-AT EXTRA COSTS

1. X.Y.Z feed unit
2. Cooling system-includes pump and fittings
3. 7 pcs or 15 pcs. metric or imperial OZ milling collet chuck set
4. 160mm (6 inch) angle lock milling vice with swivel base
5. 160mm (6 inch) hydraulic milling vice with swivel base
6. 160mm (6 inch) or 200mm (8 inch) super spacers (rapid dividing head)
7. Semi-universal dividing head B&S No.0/1 or Universal dividing head CM-2/B&S No.2
8. ER Collet in set-
9. Simple execution boring head with shank -50mm/75mm/100mm-(2/3/4 inch)
10. Narex universal boring and facing head with shank in box. (made in Czech Rep.)
11. Drill chuck with key or Keyless drill chuck with shank & arbor.
12. Air operated power draw bar.
13. Horizontal/Vertical rotary table-160/200/250/300mm (6/8/10/12 inch)
14. Digital readout for Longitunal travers or Ram movement or Cross movement
15. Slotting head
16. Raiser blocks-75/100/160mm (3/4/6 inch) with spider and bolts. (please advice your machine color.)
17. Horizontal milling attachment
18. Right angle milling attachment
19. Edge finder-electronic type.
20. Z-axis setter (50mm height only)
21. 3 ways milling vise
22. other accessories as required!

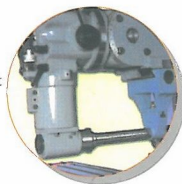
FREJOTH VERTICAL MILLING MACHINES EVS SERIES

SPECIFICATIONS	VK-406evs	VK-420evs	VK-430evs
Dimension of working table	1219x229mm (48x9")	1372x254mm (54x10")	1372x254mm (54x10")
T-Slot	No.3x16mm (5/8")	No.3x16mm (5/8")	No.3x16mm (5/8")
Longitudinal travel manual-X-axis	890mm (35")	960mm (37.8")	960mm (37.8")
Longitudinal with power feed-X-axis	840mm (33")	920mm (36")	920mm (36")
Cross travel Y-axis	310mm (12.2")	400mm (15.75")	400mm (15.75")
Vertical travel Z-axis	406mm (16")	400mm (15.75")	420mm (16.54")
Over ram travel	350mm (13.78")	560mm (22")	560mm (22")
Max. Table loading	250 kgs (550 lbs)	350 kgs (770 lbs)	350 kgs (770 lbs)
Spindle motor	2.25kw (3HP)	3.75kw (5HP)	3.75kw (5HP)
Spindle taper	R8 or ISO-30	ISO-40	ISO-40
Spindle speeds	50~5000 rpm	50~4200 rpm	50~4200 rpm
Quill feeds	0.04 / 0.08 / 0.14mm	0.45 / 0.86 / 0.142mm	0.0178 / 0.0338 / 0.005mm
Quill Travel	127mm (5")	127mm (5")	127mm (5")
Head Swivel	90 deg	90 deg	90 deg
Head Tilting	45 deg	45 deg	45 deg
Min./Max. spindle nose to table	70-476mm (2.75-18.75")	40-446mm (1.576-17.5")	40-446mm (1.576-17.5")
Min./Max. spindle cener to coluna	127-432mm (5-17")	200-680mm (7.88-26.8")	200-680mm (7.88-26.8")
Net weight	1080 kgs (2380 lbs)	1380 kgs (3041 lbs)	1400 kgs (3086 lbs)

*We reserve the right to modify and improve above spcification without notice.

Optional accessories:

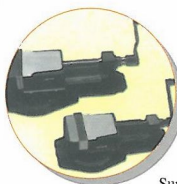
Horizontal milling attachment



Milling chuck with collets



Right angle milling attachment



Super open vises



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