

# ABENE VHF-350



**\*NEW\***

**ABENE VHF-350BS**

## **ABENE VHF-350 BS**

**Boring spindle and Hydraulic  
Tool clamping system**

### **ABENE VHF-350 (M/BS/U/UBS)**

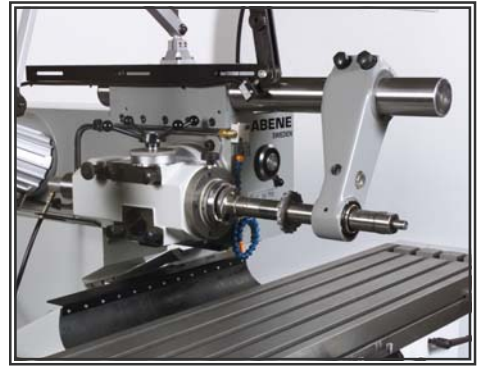
A new Vertical/Horizontal Milling machine with stepless spindle speeds frequency controlled, between 55-3000 rpm. Spindle power 7,5 kW.. Longitudinal X = 760 mm, Cross Y = 350 mm, Vertical Z = 500 mm. Cross over-arm Y2 = 0 - 510 mm.

New ABENE Milling Machine with adjustable over-arm. Larger movement in X/Y and stepless spindle speeds through a 2-step gearbox gives an even more flexible and universal machine. Higher spindle speed for today's tools and materials. The most perfectly matched machine with an unbeatably unique design in over 60 years.

## ABENE VHF-350 (M/BS/U/UBS)

### STANDARDEQUIPMENT

- Complete coolant system
- Arbor Support 48 mm
- CE-covered spindle
- Machine lamp 24V Halogen
- Automatic central lubrication system
- Keys and manuals
- Spare parts book and Accuracy report
- 2-step Frequency controlled gearbox, Spindle speed shown in digital display.



**ABENE VHF-350** The machines are built according to the unique ABENE "angular frame plane" design concept, which has the spindle head sideways mounted. This radical (World Exclusive) feature allows rapid and precisely uniform changing from Vertical to Horizontal machining. Still a traditional ABENE with hardened and ground guide-ways, now with "Box - ways" on the frame to achieve maximum stability and precision and to let you decide how best to turn your idea into a presentable product with maximum economy and efficiency.

| <i>TECHNICAL DATA</i> | VHF-350 M        | VHF-350 BS       | UNIT    |
|-----------------------|------------------|------------------|---------|
| <b>TABLE</b>          |                  |                  |         |
| Table surface         | 1300 x 320       | 1300 x 320       | mm      |
| T-slots               | 18 (1pc H7)      | 18 (1pc H7)      | mm      |
| Max Load              | 400              | 400              | Kg      |
| <b>MOVEMENT</b>       |                  |                  |         |
| Longitudinal          | 760              | 760              | mm      |
| Cross                 | 350              | 350              | mm      |
| Vertical              | 500              | 500              | mm      |
| Feeds n:o             | Stepless         | Stepless         |         |
| Rapid feed X,Y        | 3000             | 3000             | mm/min  |
| Rapid feed Z          | 1200             | 1200             | mm/min  |
| Feed motor AC         | 1,1              | 1,1              | kW      |
| <b>SPINDLE</b>        |                  |                  |         |
| Spindle speed         | 55-3000          | 55-3000          | Rpm     |
| Spindle               | ISO40 / DIN2079  | ISO40 / DIN2079  |         |
| Spindle speeds n:o    | Freq. controlled | Freq. controlled | 2 Steps |
| Spindle motor         | 7,5              | 7,5              | kW      |
| Spindle head swivel   | 0-140            | 0-140            | Degr.   |
| Spindle quill         | --               | 75               | mm      |
| Hand wheel (option)   | --               | 3                | mm/rev. |
| Weight                | 2300             | 2300             | kg      |
| Net weight            | 2100             | 2100             | kg      |



**AC SERVO UNIT**



**OPERATOR PANEL**



**SPINDLE HEAD BS**

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