



# **ABENE VHF-350**



**ABENE VHF-350BS**

**ABENE VHF-350 BS**  
Boring spindle and Hydraulic  
Tool clamping system (option)

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

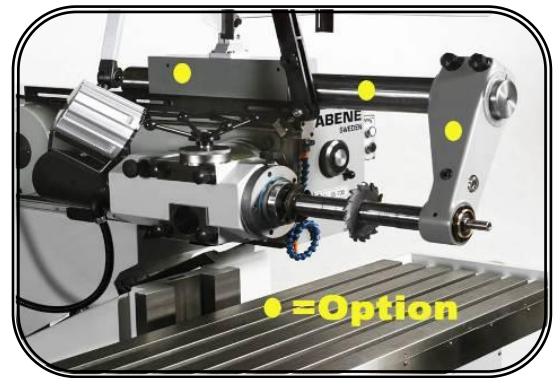
Vertical/Horizontal Milling machine with stepless spindle speeds frequency controlled, between **55-3000 rpm**. Spindle power **7,5 kW**.. Longitudinal **X = 760 mm**, Cross **Y = 350 mm**, Vertical **Z = 500 mm**.  
Cross over-arm **Y2 = 0 - 500 mm**.

**ABENE Milling Machine** with adjustable over-arm. Large 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 70 years.

## ABENE VHF-350 (M/BS)

### STANDARDEQUIPMENT

- Complete coolant system
- CE-cover for spindle
- Work Light 24V Halogen
- Automatic central lubrication system
- Keys and manuals
- Spare parts book and accuracy report
- 2-step gearbox. Frequency controlled 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 precise change between Vertical & Horizontal machining. Still a traditional ABENE with hardened and ground guide-ways, with "Box" – guide ways on the frame to achieve maximum stability and precision. This will let the user decide how to best turn your idea into a presentable product with a maximum economy and efficiency.

| TECHNICAL DATA      | 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       | 1,5              | 1,5              | 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            | deg.    |
| Spindle quill       | --               | 75               | mm      |
| Hand wheel (option) | --               | 3                | mm/rev. |
| Weight              | 2600             | 2600             | kg      |
| Net weight          | 2400             | 2400             | kg      |



SPINDLE CONTROL UNIT



OPERATOR PANEL



SPINDLE HEAD BS

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