



**VHF-350 BS**





# **ABENE VHF-350**



**ABENE VHF-350BS**

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

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

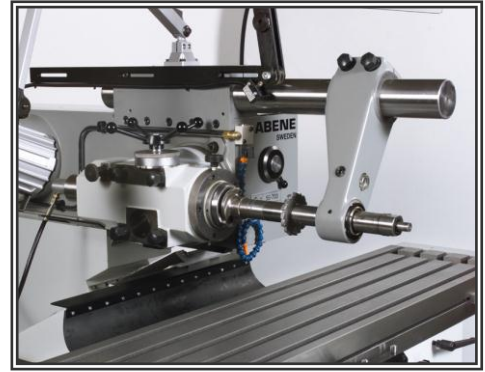
Vertical/Horizontal Milling machine with stepless spindle speeds frequency controlled, between **55-3000 rpm**. Spindle power **7,5 kW**.. Longitudinal **X = 760 mm**, Cross **Y = 350 mm**, Vertical **Z = 500 mm**.  
Cross over-arm **Y2 = 0 - 500 mm**.

**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
- Arbor Support 48 mm
- 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 best to 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	1,1	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	deg.
Spindle quill	--	75	mm
Hand wheel (option)	--	3	mm/rev.
Weight	2300	2300	kg
Net weight	2100	2100	kg



SPINDLE CONTROL UNIT



OPERATOR PANEL



SPINDLE HEAD BS

## ABENE Machine AB

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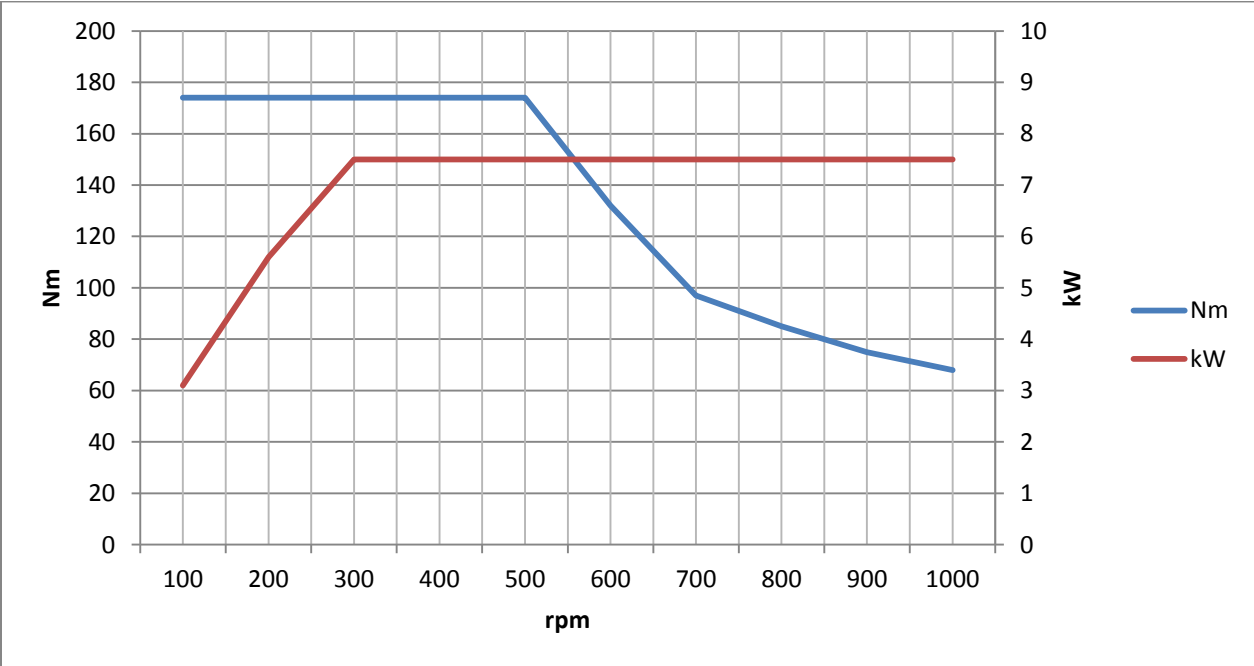
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# ABENE 7,5kW spindle speed/power output diagram

## Gear step 1



## Gear step 2

