

# ABENE VHF-350TI



**\*NEW\***  
**ABENE VHF-350TI**

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**Boring Spindle**  
**Air-Power Drawbar**

Note: The above machine is equipped with BS and PD-100 options

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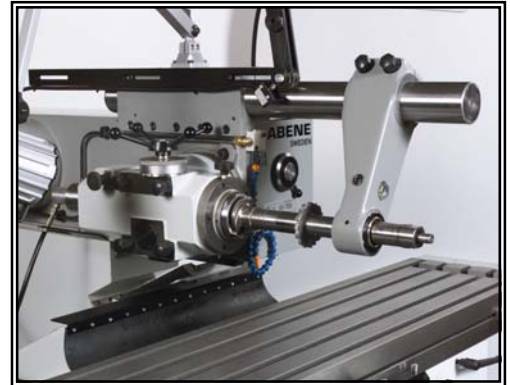
A new Vertical/Horizontal Milling Machine with stepless spindle speeds frequency controlled, between 55-3000 rpm. Spindle Power 7,5 kW Longitudinal: X = 760 mm, Cross: Y-table = 350 mm, (Overarm= 480mm.) Vertical: Z = 500 mm. Control: Heidenhain TNC-310T .

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.

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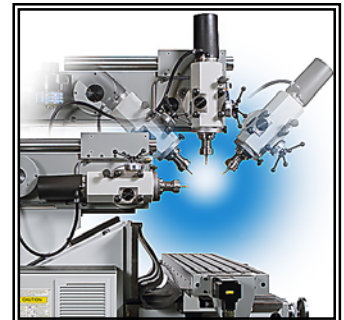
## STANDARDEQUIPMENT

- 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.
- Control Heidenhain TNC-310T



**ABENE VHF-350 TI** 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. The ergonomically positioned handles, along with the benefits of Heidenhains control, allows the **ABENE VHF-350 TI** to let you decide how best to turn your idea into a presentable product with maximum economy and efficiency.

TECHNICAL DATA	VHF-350 TI	VHF-350 TI/BS	UNIT
<b>TABLE</b>			
Table surface	1300 x 320	1300 x 320	mm
T-slot	18 (1 st H7)	18 (1 st H7)	mm
Max Load	400	400	Kg
<b>MOVEMENT</b>			
Longitudinal	760	760	mm
Cross (Overarm)	350 (480)	350 (480)	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 (Z)	3,0 (10,5)	3,0 (10,5)	Nm
<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 Power	7,5	7,5	kW
Spindle head swivel	0-140	0-140	Degr.
Spindle quill	--	75	mm
Hand wheel	--	3 (option)	mm/rev.
Weight	2300	2300	kg
Net weight	2100	2100	kg



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