



VHF-380 T1
HEIDENHAIN TNC-620



ABENE VHF-380TI



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Note: The above machine is equipped with Boring Spindle, Arbor support and TCS-300 options

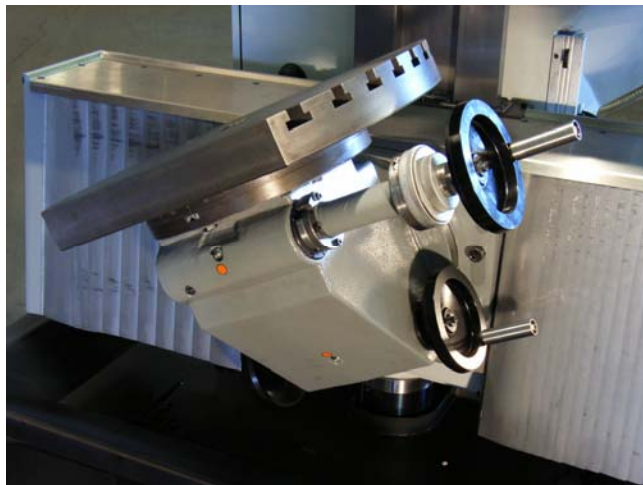
ABENE VHF-380 TI

A Vertical/Horizontal Milling Machine with stepless spindle speeds digitally controlled, between **55-4000** rpm. Spindle Power **7,5 kW** Longitudinal: X = **800** mm, Cross: Y = **500** mm, Vertical: Z = **475** mm. Control: **Heidenhain TNC-620**

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 70 years.



Without CE-cover



With option
Universal Table

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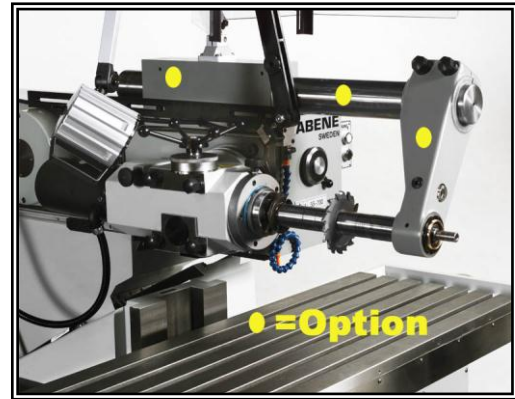
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ABENE VHF-380 TI

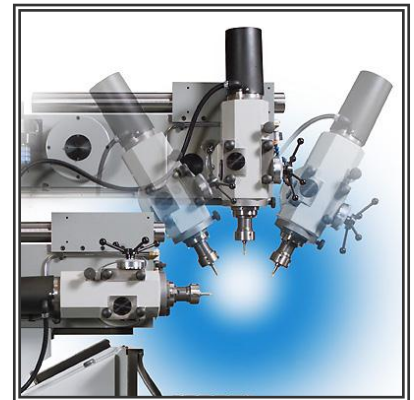
STANDARDEQUIPMENT

- Complete coolant system
- CE-guarding, table-mounted
- Machine lamp 24V Halogen
- Automatic central lubrication system
- Keys and manuals
- Exchangeable angular table 900x500 mm
- Spare parts book and Accuracy report
- 2-step automatic gearbox, digitally controlled spindle speeds
- Control Heidenhain TNC-620



ABENE VHF-380 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 Heidenhain control **TNC-620**, allows the **ABENE VHF-380 TI** to let you decide how best to turn your idea into a presentable product with maximum economy and efficiency.

TECHNICAL DATA	VHF-380 TI	VHF-380 TI/BS	UNIT
TABLE			
Table surface	900 x 500	900 x 500	mm
T-slot	7 x 14 H7	7 x 14 H7	mm
Max Load	400	400	Kg
MOVEMENT			
Longitudinal	800	800	mm
Cross	500	500	mm
Vertical	475	475	mm
Feeds n:o	Stepless	Stepless	
Rapid feed X,Y	4000	4000	mm/min
Rapid feed Z	1500	1500	mm/min
Feed.motor AC (Z)	4,2 (13)	4,2 (13)	Nm
SPINDLE			
Spindle speed	55-4000	55-4000	rpm
Spindle	ISO40 / DIN2080	ISO40 / DIN2080	
Spindle speeds n:o	Digitally controlled	Digitally 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	2400	2400	kg
Net weight	2200	2200	kg



SPINDLE HEAD BS



OPERATOR PANEL

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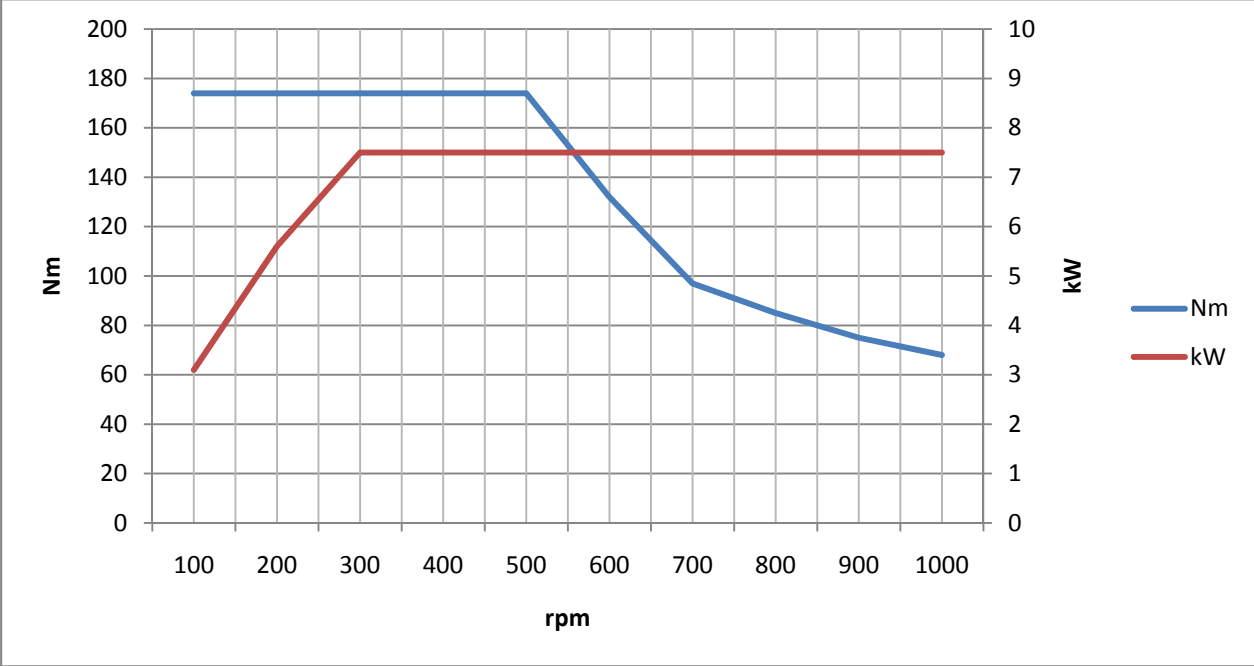
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ABENE 7,5kW spindle speed/power output diagram

Gear step 1



Gear step 2

