



Inventory number: 22056

3-axis machining center  
HAAS VF-4 SS  
HAAS AUTOMATION  
2015



### Technical data

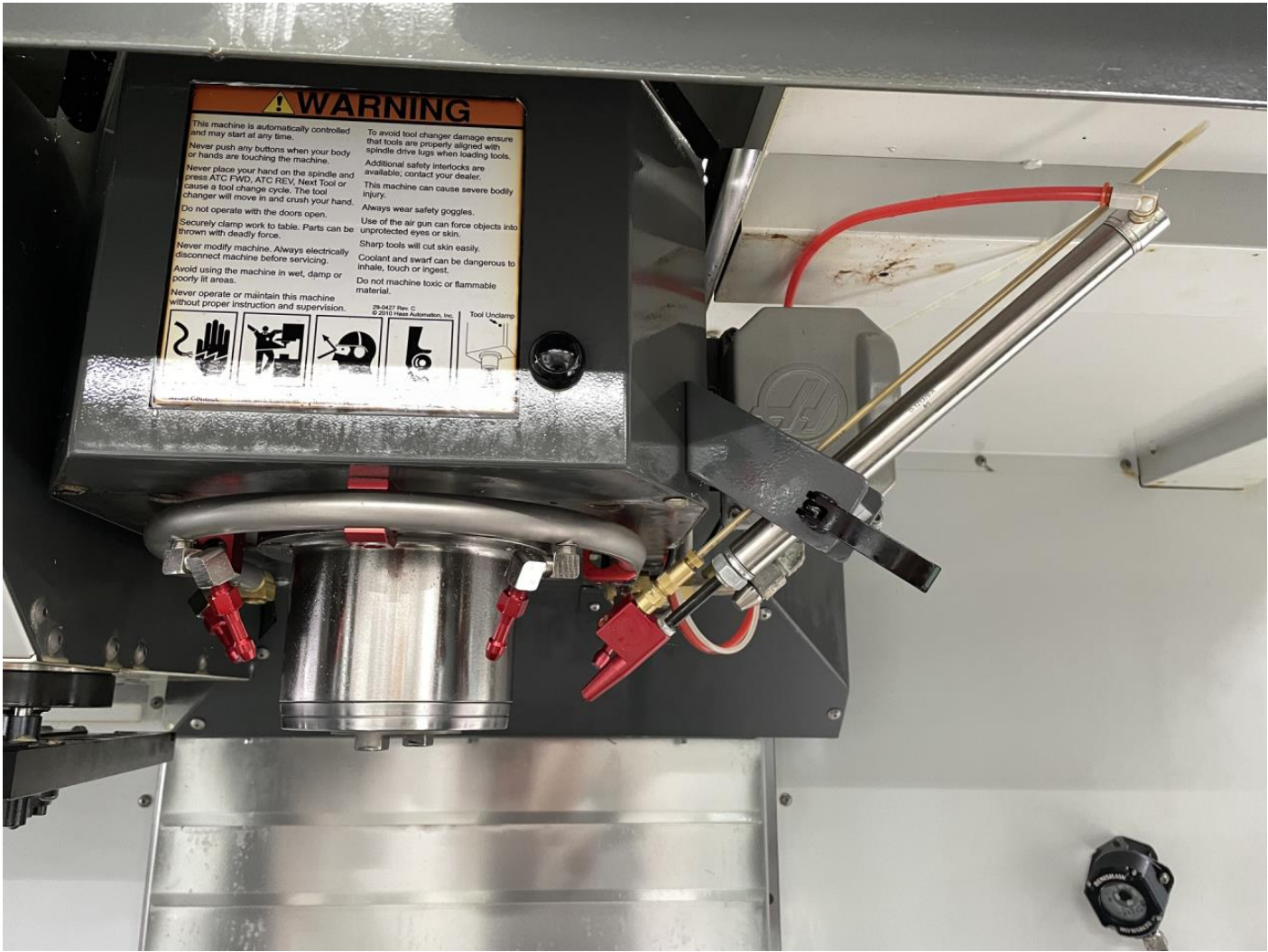
Number of axis simultaneous	3
Table length	1321 mm
Table width	457 mm
Number of T-channels	5
Distance of the T-slots	80 mm
T-channel width	16 mm
Table load max.	800 kg
Longitudinal travel (X-axis)	1270 mm
Transversal travel (y-axis)	508 mm
Vertical travel (z axis)	635 mm
Tool changer:	
Number of tools	30
Tool diameter max.	64 mm
Diameter with free adjacent pockets	127 mm
Tool lenght	330 mm
Max. tool-weight	5.4 kg
Time of tool changing	1.8 sec
Average chip-to-chip time	2.4 sec
Spindle nose: BT	40
Distance spindle nose to table	742 mm
Spindle speeds:	
stepless	
from	0 rpm
up to	12000 rpm
Rapid traverse:	35.6 m/min
Voltage 50 Hz 3x	400 Volt

Machine's weight about	6200 kg
Overall dimensions machine:	
Length	3300 mm
Width	2330 mm
Height	2570 mm
Various accessories:	
Vice	(4x)
Programmable and rotatable coolant nozzle	
Coolant system	
Additional coolant filter	
Coolant through spindle (cts)	21 bar
Oil mist lubrication unit	
Touch Probe Renishaw	
Chip conveyer	
Lamp	
Synchronized tapping	









**WARNING**

This machine is automatically controlled and may start at any time.  
Never push any buttons when your body or hands are touching the machine.  
Never place your hand on the spindle and press ATC FWD, ATC REV, Next Tool or cause a tool change cycle. The tool changer will move in and crush your hand.  
Do not operate with the doors open.  
Securely clamp work to table. Parts can be thrown with deadly force.  
Never modify machine. Always electrically disconnect machine before servicing.  
Avoid using the machine in wet, damp or poorly lit areas.  
Never operate or maintain this machine without proper instruction and supervision.

To avoid tool changer damage ensure that tools are properly aligned with spindle drive lugs when loading tools. Additional safety interlocks are available; contact your dealer.  
This machine can cause severe bodily injury.  
Always wear safety goggles.  
Use of the air gun can force objects into unprotected eyes or skin.  
Sharp tools will cut skin easily.  
Coolant and swarf can be dangerous to inhale, touch or ingest.  
Do not machine toxic or flammable material.

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Tool Undamp





