

**SAM 019144****DÖRRIES SCHARMANN Type Solon 3 HV/DTV**

**Group** Universal machining center  
**Manufacturer** DÖRRIES SCHARMANN  
**Type** Solon 3 HV/DTV  
**Controller CNC** SIEMENS SINUMERIK 840 D



Number of axis total	5
Longitudinal travel (X-axis)	1500 mm
Transversal travel (y-axis)	1200 mm
Vertical travel (z axis)	1250 mm
Table divisions (B)	360x0.0001 °
A axis	
Table speeds:	
up to	1 - 500 t/min
numbers	2
Length	1000 mm
Width	1000 mm
Transport weight	2000 kg
Tool changer:	
Number of tools	161
Tool diameter	300 mm
Max. tool-weight	25 kg
Spindle nose:	HSK-A 100
Spindle speeds:	
stepless	
from	10 t/min
up to	4000 t/min
Voltage 50 Hz 3x	400 Volt
Spindle motor	40 kW
Total power required	180 kW
Machine's weight about	6000 kg
Overall dimensions machine:	
Length	8500 mm
Width	4800 mm
Height	4800 mm

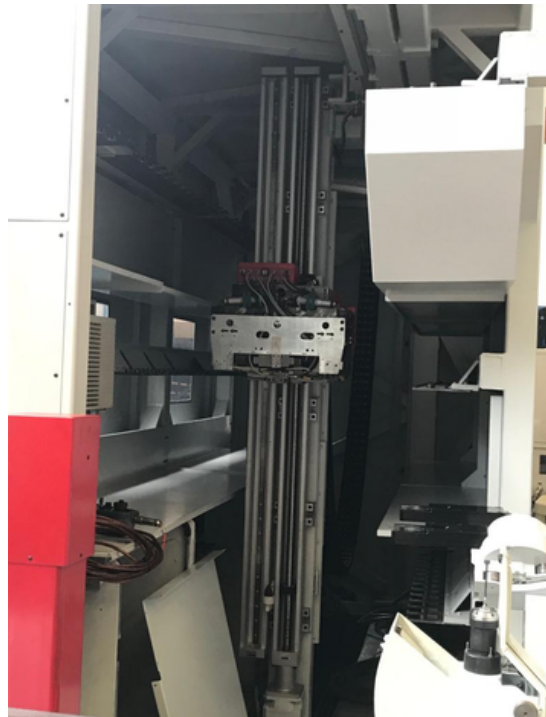
**Various accessories:**

Full splash cabin  
 Coolant system  
 Process controlling device  
 Chip conveyor  
 Pallets: number  
 Set of toolholders

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