

**SAM 021183****TAKUMI Type F11**

<b>Group</b>	3-axis machining center
<b>Manufacturer</b>	TAKUMI
<b>Type</b>	F11
<b>Controller CNC</b>	FANUC Series 18i-MB
<b>Year</b>	2005
<b>Youtube video</b>	<a href="https://youtu.be/6sxzGhVH6I4">https://youtu.be/6sxzGhVH6I4</a>



Number of axis total	3
Table length	1200 mm
Table width	625 mm
Table load max.	1200 kg
Longitudinal travel (X-axis)	1100 mm
Transversal travel (y-axis)	625 mm
Vertical travel (z axis)	500 mm
Tool changer:	
Number of tools	24
Tool diameter max.	80 mm
Tool lenght	250 mm
Max. tool-weight	7 kg
Spindle nose SK	40
Distance spindle nose to table	150 - 650 mm
Spindle speeds:	
stepless	
up to	15000 t/min
Work feed rate	12 m/min
Rapid traverse: long.	40 m/min
Rapid traverse: transversal	40 m/min
Rapid traverse: vertical	30 m/min
Voltage 50 Hz 3x	400 Volt
Spindle motor	11 / 18.5 kW
Total power required	45 kVA
Machine's weight about	9710 kg
Overall dimensions machine:	
Length	3670 mm
Width	2200 mm
Height	3160 mm

**Various accessories:**

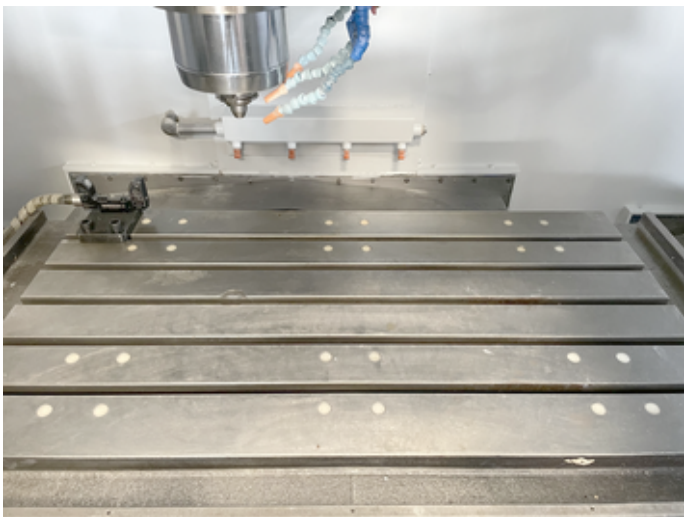
Preparation 4the axis  
 Set of toolholders  
 Coolant system  
 Coolant through spindle (cts)  
 Paper filtration system  
 Water cooler  
 Laser tool setting system  
 Chip conveyor  
 Lamp

[www.mullermachines.ch](http://www.mullermachines.ch)

Spindle oil cooler  
Status light



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