

**Fadal Standard Series Vertical Machining Centers**

The 2016L has the smallest footprint of any Fadal VMC. But with the same spindle drive system as the 3016L it can be placed in very small areas of a shop, yet still takes big cuts and delivers big performance. Its footprint is 75" by 77".

20" x 16" x 20" Envelope The machine weight is 5,800 lbs. and the working envelope size is 20" x 16" x 20". The construction type is linear way on X, Y and Z axes.

**GENERAL DESCRIPTION**

<b>CNC CONTROL</b>	Fadal 88HS
<b>MACHINE TYPE</b>	<ul style="list-style-type: none"> <li>MACHINING CENTER</li> </ul>
<b>COLUMN CONSTRUCTION</b>	SINGLE
<b>COLUMN STYLE</b>	STATIONARY
<b>WORK SUPPORT</b>	BED

**MAIN SPINDLE**

<b>TYPE</b>	FIXED
<b>DIRECTION</b>	VERTICAL
<b>TAPER</b>	# 40
<b>TOP RPM</b>	7500
<b>No. of RANGES</b>	2
<b>No. of SPINDLES</b>	1
<b>HORSEPOWER</b>	15.00
<b>ARTICULATED AXIS</b>	None
<b>"U" AXIS</b>	None

**TOOLING**

<b>PRIMARY TOOL CARRIER</b>	ATC
<b>TOTAL NUMBER of TOOLS</b>	21 Maximum option: 21
<b>MAX. TOOL LENGTH</b>	15.000
<b>MAX. TOOL DIAMETER</b>	4.500
<b>MAX. TOOL WEIGHT</b>	15.00
<b>TOOL CHANGE TIME</b>	6.00
<b>CHIP-to-CHIP TIME</b>	--
<b>HEAD CHANGER</b>	None

**WORK SUPPORT**

<b>TABLE SIZE</b>	L:29.500 X W:16.000  OPTIONS: L:        W: • 6.500 • 6.500
<b>MAX. WEIGHT OF WORKPIECE</b>	2000 Maximum option: 100
<b>AUTO. PALLET CHANGER</b>	None
<b>No. of PALLETS</b>	--
<b>INDEX TABLE</b>	Opt.
<b>INDEX TABLE DEGREES</b>	1.00
<b>ROTARY TABLE</b>	Opt.
<b>DUAL AXIS ROTARY TABLE</b>	Opt.

**AXIS SPECIFICATIONS**

No. of AXES: 3 (Options: 4, 5)

AXIS	TRAVEL	RAPID TRAVERSE	CUTTING FEED
X1 (Std.)	20.000 Inch	500 IPM	375 IPM
Y1 (Std.)	16.000 Inch	500 IPM	375 IPM
Z1 (Std.)	20.000 Inch Max: 28.000 Inch	500 IPM	375 IPM
B1 (Opt.)	360.000 Deg.	22 RPM	22 RPM
A1 (Opt.)	105.000 Deg.	22 RPM	22 RPM

**WEIGHTS & MEASURES**

<b>MACHINE DIMENSIONS(Inches)</b>	L:75 X W:77 X H:101
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<b>MACHINE WEIGHT</b>	5900
<b>SPINDLE NOSE TO TABLE(Min)</b>	4.000
<b>SPINDLE NOSE TO TABLE(Max)</b>	24.000
<b>SPINDLE CENTER TO COLUMN</b>	17.000
<b>SPINDLE TO TABLE CENTER</b>	--
<b>SPINDLE TO TABLE EDGE</b>	--