

Family: CNC MACHINE CENTRES AND ROUTERS	Code: 003518
SubFamily: CNC Machine Centers With Pod And Rail	
Brand: WEEKE	
Model: OPTIMAT BHC VENTURE 1	



X axis work area	3250 mm
X axis travel	3860 mm
Y axis work area	1050 mm
Y axis travel	1523 mm
Max panel passage	185 mm
X axis movement speed	60 m/min
Y axis movement speed	50 m/min
Z axis movement speed	15 m/min
No. working fields	2
Working table	yes
Working table	Pod and Rail
No. Of Rails	6

Vacuum cups to secure piece being processed	yes
No. vacuum cups	10
Laser positioning device	yes
Vacuum pump	yes
No. pumps	1
Single capacity	100 m3/h
Unit	top
Vertical Boring Spindles	18
Horizontal Boring Spindles in X	3
Horizontal Boring Spindles in Y	3
Total number of vertical + horizontal spindles	24
Horizontal boring head with cross position	yes
Router Spindles	1
	ROUTER SPINDLES 1 Unit : top No. controlled axes : 3 Automatic tool change : yes Motor power : 7.5 kw r.p.m. : 24000 RPM
Grooving unit	1
	GROOVING UNIT 1 Unit : top Unit : with 0 / 90 degree positioning Max. tool diameter : 125 mm Motor power : 2.7 KW r.p.m. : 7500 RPM
Tool magazine	1
	TOOL MAGAZINE 1 No. positions : 4 Tool : positioned on the machining head
Control system	Beckhoff PLC
Machine programming software	WoodWop

Optional software	Windows
Bar code reader	yes
Bar code reader	Hand Held
Safety standard EC mark	yes
Protective mesh secured to the machine	yes
Safety system	Front safety mats
Total installed power	17.5 KW
