Family: CNC MACHINE CENTRES AND ROUTERS	Code: 003225
SubFamily: CNC Machine Centers With Pod And Rail	
Brand: WEEKE	
Model: OPTIMAT BHC VENTURE 2.5M	



X axis working area	3250 mm
Y axis working area	1250 mm
Main Electrospindle power	9 KW
Number of controlled axes	4 axes
Total number of drilling spindles	18
Total number of tool changer positions	14
X axis work area	3250 mm
X axis travel	3860 mm
Y axis work area	1250 mm
Y axis travel	1822 mm
Max panel passage	325 mm
X axis movement speed	110 m/min

Y axis movement speed	110 m/min
Z axis movement speed	20 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
Laser positioning device	yes
Vacuum pump	yes
No. pumps	1
Boring units	1
	BORING UNITS 1 Unit : top Vertical Boring Spindles : 12 Horizontal Boring Spindles in X : 4 Horizontal Boring Spindles in Y : 2 Total number of vertical + horizontal spindles : 18
Router Spindles	1
	ROUTER SPINDLES 1 Unit : top No. controlled axes : 4 Automatic tool change : yes Motor power : 9 kw r.p.m. : 24000 RPM
Grooving unit	1
	GROOVING UNIT 1 Unit : top Unit : with 0 / 90 degree positioning
Tool magazine	1

	TOOL MAGAZINE 1 No. positions : 14 Tool : Positioned at the rear of the machine
Control system	POWER CONTROL PC 85
Machine programming software	WOODWOP 5.0
Safety standard EC mark	yes
Protection structure for operating units with safety sensors	yes
Protective mesh secured to the machine	yes
Safety system	Front safety mats
Waste chip conveyor	yes
Total installed power	18 KW