

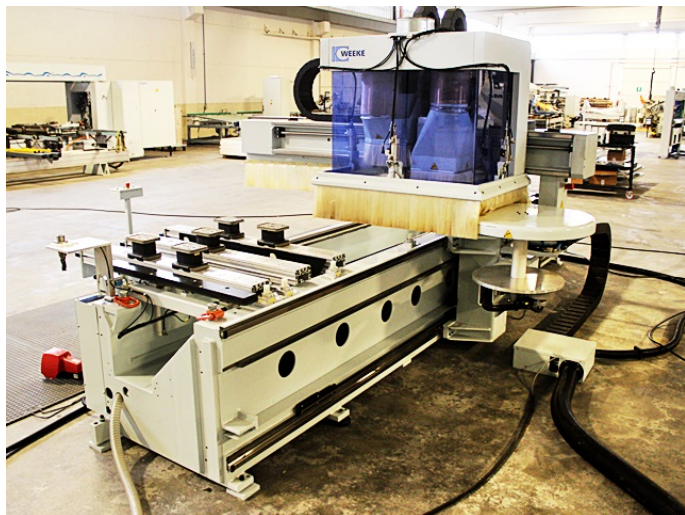
Family: CNC MACHINE CENTRES AND ROUTERS

Code:
004907

SubFamily: CNC Machine Centres With Pod And Rail

Brand: WEEKE

Model: OPTIMAT BHC VENTURE 2.5M



Type of work	Drilling Routing
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X axis working area	3250 mm
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Y axis working area	1250 mm
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Main Electrospindle power	9 KW
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Number of controlled axes	4 axes
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Total number of drilling spindles	18
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Total number of tool changer positions	14
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X axis work area	3250 mm
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X axis travel	3860 mm
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Y axis work area	1250 mm
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Y axis travel	1822 mm
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Max panel passage	300 mm
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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
Pod Position Indicators	yes
Vacuum cups to secure piece being processed	yes
Laser positioning device	yes
Vacuum pump	yes
No. pumps	1
Single capacity	100 m3/h
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
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ROUTER SPINDLES 1

Unit : top

No. controlled axes : 4

Automatic tool change : yes

Liquid cooling system : yes

Motor power : 9 kw

r.p.m. : 24000 RPM

Grooving unit	1
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GROOVING UNIT 1

Unit : top

Grooving unit : yes

Unit : with 0 / 90 degree positioning

Max. tool diameter : 125 mm

Tool magazine	1
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TOOL MAGAZINE 1

No. positions : 14

Tool : positioned at the rear of the machine

Control system	POWER CONTROL PC 85T
Machine programming software	WOODWOP
Safety standard CE mark	yes
Protective mesh secured to the machine	yes
Safety system	Front safety mats
Total installed power	18 KW