

Family: CNC WORKING CENTRE

Code:
004118

SubFamily: Machine Centre for Routing, Drilling and Edgebanding

Brand: HOMAG

Model: BAZ 211 VENTURE 21M



Type of work	Edging Drilling Routing
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Main Electrospindle power	18 KW
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X axis working area	3225 mm
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Y axis working area	1220 mm
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Total number of drilling spindles (V+H)	30
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Total number of tool changer positions	28
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X axis work area	3225 mm
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Y axis work area	1220 mm
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Max. panel passage	60 mm
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X axis movement speed	80 m/min
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Y axis movement speed	80 m/min
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Z axis movement speed	30 m/min
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Work table	yes
Work table	bar with suction cup
No. bars with suction cup	6
Position readers	yes
Suction cups to secure piece being processed	yes
LED positioning device	yes
Vacuum pump	yes
No. pumps	1
Single capacity	100 m3/h
Bore operator units	1

BORE OPERATOR UNITS 1

Unit : top

Spindles for vertical boring : 20

Spindles for horizontal boring in direction X : 10

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 : 18 kw

r.p.m. : 24000 RPM

Edging operating units	1
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EDGING OPERATING UNITS 1

Max. machinable panel height : 60 mm

Gluing unit : yes

Model : POWER EDGE

positioning : Pick up system positioned on side

Glue pot for hot melt glue : yes

Premelter for hot melt glue : yes

Edge coil magazine : yes

No. Positions : 1

Grooving unit	1
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GROOVING UNIT 1

Unit : top

Unit : with positioning by NC

Max. tool diameter : 200 mm

Tool magazine

2

TOOL MAGAZINE 1

No. positions : 10

Tool : positioned on the head

TOOL MAGAZINE 2

No. positions : 18

Tool : positioned on the side of the machine

Control system

POWER CONTROL PC85

Machine programming software

WOODWOP

Safety standard CE mark

yes

Protection structure for operating units with safety sensors

yes

Protective mesh secured to the machine

yes

Safety system

Front safety mats