

Family: CNC MACHINE CENTRES AND ROUTERS

Code:
004741

SubFamily: CNC Machine Centres For Routing, Drilling And Edgebanding.

Brand: IMA

Model: BIMA/400/V/145/510



Type of work	Edging Drilling Routing
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X axis working area	5100 mm
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Y axis working area	1570 mm
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Working Table	Pod and Rail
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Main Electrospindle power	14.5 KW
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Number of controlled axes	4 axes
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Maximum edge height	60 mm
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Total number of drilling spindles	21
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Total number of tool changer positions	18
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X axis work area	5100 mm
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Y axis work area	1570 mm
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Max panel passage	125 mm
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X axis movement speed	100 m/min
Y axis movement speed	60 m/min
Z axis movement speed	30 m/min
No. working fields	2
Working table	yes
Working table	Pod and Rail
No. of Rails	8
Vacuum cups to secure piece being processed	yes
LED 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 : 21
Router Spindles	1
	ROUTER SPINDLES 1 Unit : top No. controlled axes : 4 Automatic tool change : yes Liquid cooling system : yes Motor power : 14.5 kw r.p.m. : 24000 RPM
Edging operating units	1

EDGING OPERATING UNITS 1

Max. machinable panel height : 64 mm

Min. machinable panel height : 14 mm

Gluing unit : yes

Model : VT 100

positioning : Fitted to the main beam of the machine

Glue pot for hot melt glue : yes

Edge coil magazine : yes

No. Positions : 6

Tool magazine

1

TOOL MAGAZINE 1

No. positions : 18

Tool : positioned on the machining head

Top and bottom edge trimming head : yes

Control system

ICOS CNC

Machine programming software

IMAWOP 7.0

Safety standard CE mark

yes

Protective mesh secured to the machine

yes

Safety system

Front safety mats

Waste chip conveyor

yes

Total installed power

36 KW