

Family: CNC MACHINE CENTRES AND ROUTERS	Code: 003952
SubFamily: CNC Machine Centres With Pod And Rail	
Brand: IMA	
Model: BIMA/CUT/140/420	



Type of work	Drilling Routing
X axis working area	4200 mm
Y axis working area	1400 mm
Working Table	Pod and Rail
Main Electrospindle power	11 KW
Number of controlled axes	3 axes
Total number of drilling spindles	25
Total number of tool changer positions	18
X axis work area	4200 mm
Y axis work area	1400 mm
Max panel passage	100 mm
Working table	yes

Working table	Pod and Rail
No. of Rails	6
With positioning by NC	yes
Vacuum cups to secure piece being processed	yes
No. vacuum cups	18
with positioning by NC	yes
Automatic panel stacking system	yes
Vacuum pump	yes
No. pumps	1
Single capacity	100 m3/h
Boring units	1
	BORING UNITS 1 Unit : top Vertical Boring Spindles : 21 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 : 11 kw r.p.m. : 24000 RPM
Grooving unit	1
	GROOVING UNIT 1 Unit : top Unit : with 0 / 90 degree positioning Max. tool diameter : 200 mm r.p.m. : 9000 RPM
Tool magazine	1

TOOL MAGAZINE 1

No. positions : 18

Tool : positioned at the side of the machine

Control system	ICOS OPEN
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Machine programming software	IMAWOP
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Safety standard CE mark	yes
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Protection structure for operating units with safety sensors	yes
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Safety system	Front safety mats
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Waste chip conveyor	yes
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Total installed power	26 KW
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