

RGI FRANCE

MODEL RIVAX 800 (Yr.2012)



Accessories:

Coolant Tank
Chiller
Chip conveyor
Tool magazine
Transformer
Electrical cabinet
Oil power unit

Controller:

Siemens 840D

Capacity:

X - Transversal	mm	1030 (-1030/0)
Y - Longitudinal	mm	1200 (-1200/0)
Z - Vertical	mm	750 (-750/0)
A – Table inclination	D°	150 (-135°/+15°)
C - Rotation table	D°	nx360

Specifications:

Max. Speed X-Y- Z	mm/min	30 000
Max. Speed A-C	RPM	3.3-1000
Effort on X-VY / Z	N	20 000

Milling Spindle:

Position	Vertical	
Cone	CAPTO C8	
Power	kW	30
Max. Speed	RPM	8000
Max. Torque	N.m	260 - 1190
Coolant	Yes	
Tool clamping force	N/A	Standard IMA TECNO
Internal tool coolant	Yes	
Max. Internal pressure	Bars // l/min	65 // 35

Turning Spindle:

Position	Vertical	
Max. Speed	RPM	1000
Speed range	1	
Torque	N.m	2806 at S1 - 2423 at 0 RPM
Power	kW	46.99
Max. Internal pressure	Bars // l/min	80 // 35

Measurement System:

Glass Scale Resolution XYZ	μ	1
Encoder RCN 226	+/-5" (Axe A)	
Encoder RCN 226	+/-5" (Axe C)	

Tool Magazine:

Quantity tools	60 + 4	
Max. Tool Length	mm	600
Max. Tool Diameter	mm	150
Max. Tool Weight	Kg	10

Milling function:

Max. Tool Length	mm	600
Max. Tool Diameter	mm	100
Max. Tool Weight	kg	10
Peripheral coolant	bar - l/mn	15 - 60
Internal tool coolant	bar - l/mn	65 - 35
Blowing cone milling tool	bar	6

Mechanical tool clamping (+ air 6 bar)
Unclamping tools (hydraulic) bar 100

Turning function:

Clamping unit	COROMANT	CAPTO C8
Max. Tool Length	mm	300
Max tool radius for internal machining	mm	150
Max tool radius for external machining	mm	100
Max. Tool Weight	kg	10
Internal tool coolant	bar - l/mn	350 – 35
Tool cone blowing	bar	2.5
Clamping tools (hydraulic)	bar	80
Unclamping tools (hydraulic)	bar	80

Sprinkle /Washing

Filtration	μ	30
Thermic regulation	°C	Differential
Washing	bar - l/mn	5 - 150
Spindle motor cooling	bar - l/mn	10 - 25
Motor cooling axis C	bar - l/mn	10 - 25
Milling peripheral sprinkle	bar - l/mn	14.5-60
Milling center sprinkle	bar - l/mn	65 - 35
Turning center sprinkle	bar - l/mn	350 -35

Dimensions & Weight:

Length mm	7 520
Width mm	8 306
Height mm	4 312
Weight Kg	38,000

