

JomaX²⁶⁵

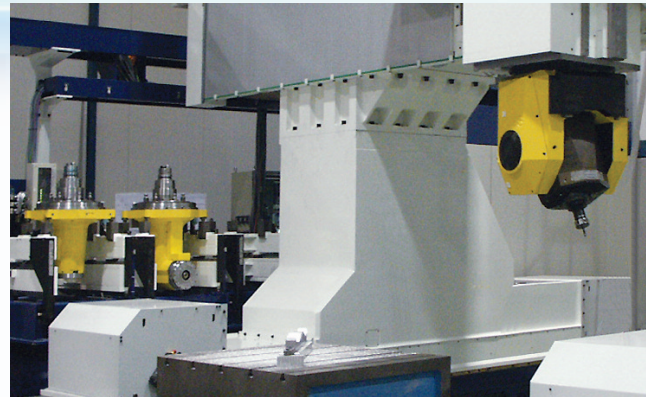


High Power Machining Culture



Exclusive Design Capability

The best design technologies:
CAD - FEM - Modal Analyses.



Spindle Heads

Milling heads for machining sculptured surfaces
with 3/3+2/4/5 axes.
The 2 polar axes C and A form the Twist Head.

THE NEW FRONTIER OF HIGH-P

The **JomaX** new family of medium-large size, mobile gantry milling centres, for exceptionally flexible machining with 3/3+2/4/5 axes, is pre-arranged for a wide range of customisations.

This machine features:

- high dynamics of acceleration and speed (up to 28 m/min)
- structural rigidity
- high-volume chip removal capacity (up to 85 kW)
- volumetric precision
- wide possibilities of configuration
- production automation
- compactness.

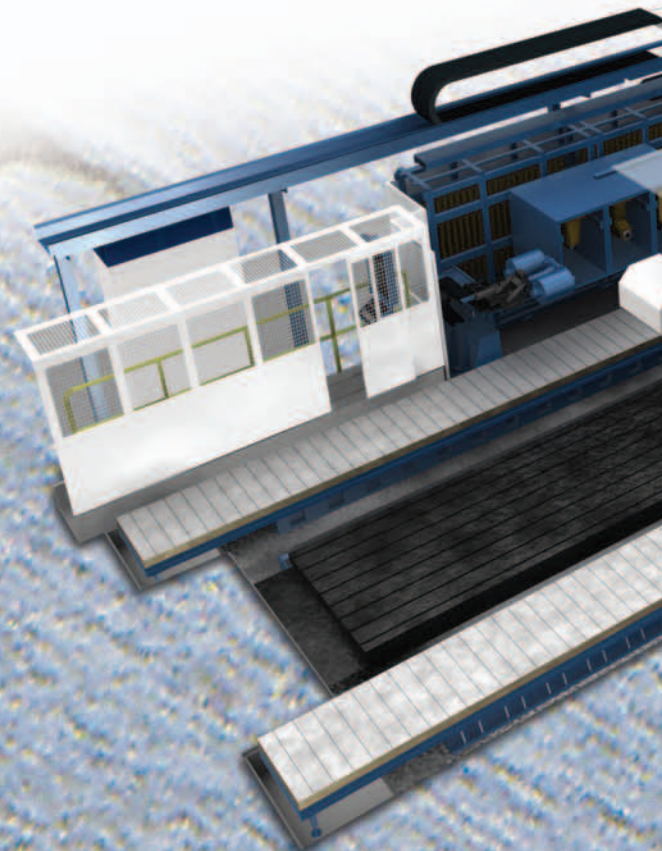
Joma



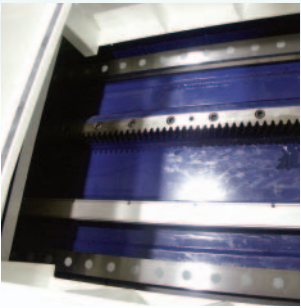
Modular rack-type tool magazine (HSK-A-100)
with large storage capacity, pre-arranged
for twist and angular heads.



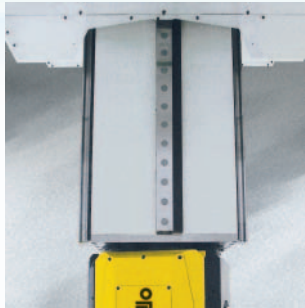
BUSS automatic changing-system
for milling heads.



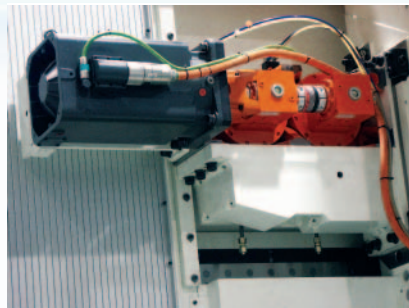
Automation



X Axis: 2+2 guides
6+6 sliding blocks



Y Axis: 2 guides, 5 sliding blocks
Z Axis: 3 guides, 8 sliding blocks



Double pinion-rack high speed mechanism.



X and Y axis protections with roller coverings (pedestrianised for X axis).

Rigidity and Precision

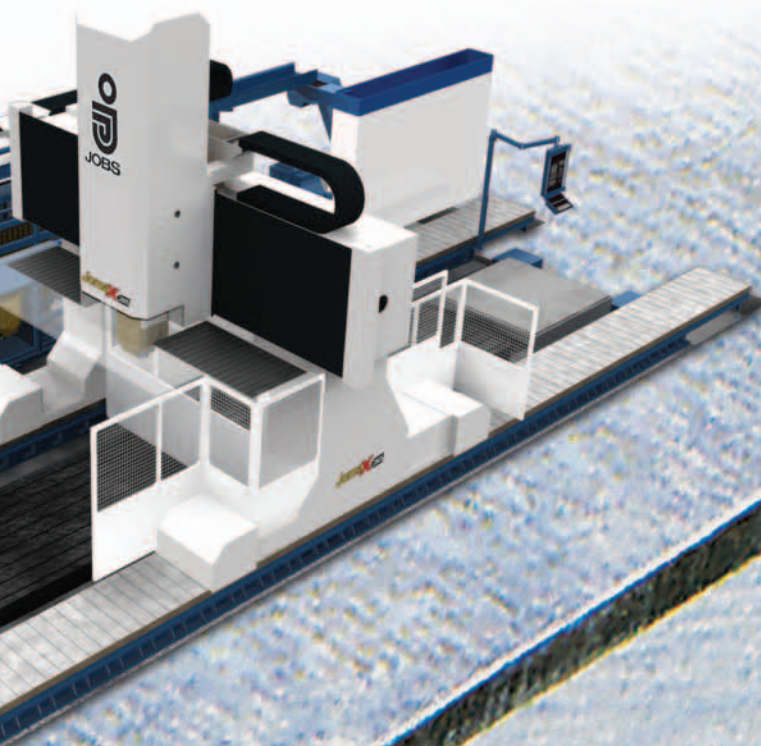
**X-Y-Z axes created with high rigidity guides sliding on preloaded roller blocks;
high resolution optical line measuring system.**

POWER MILLING TECHNOLOGY.

JomaX 265

The performance of JomaX remarkably improves the competitiveness of the End-user in:

- high-power machining for general precision mechanics, such as the energy and heavy mechanics industries,
- machining of dies, with particular reference to die-holders and large-size dies,
- heavy machining of large titanium structural parts.



HIGH POWER MACHINING CULTURE

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TECHNICAL DATA					
AXIS STROKE			JOMAX 265		
X axis (longitudinal - Dual drive)	mm	(inch)	3500/6500 + ext. (1500)	(138/256 + ext. (59))	
Y axis (transversal)	mm	(inch)	3000/4000/5000	(118/157/197)	
Distance between columns	mm	(inch)	2300/3300/4300	(91/130/169)	
Z axis (vertical)	mm	(inch)	1250/1500	(49/59)	
C axis - Twist Head Angular Head	°	deg	∞	{cont.}	
AXIS SPEED					
X axis (longitudinal) (dual drive)	mm/min	(inch/min)	up to 28000	up to {1102}	
Y-Z axes	mm/min	(inch/min)	up to 28000	up to {1102}	
HEADS	A axis		Power	Torque	Spindle Speed
	°	deg	kW - S6 [S1] (hp) - S6 [S1]	Nm - S6 [S1] (lb*ft) - S6 [S1]	rpm
Power Twist Head - 5 axes (T6K-P)	220	{±110}	53 [42] 71 [56]	1687 [1337] 1244 [986]	15 - 3000
Spindle Ext. (550 mm/21,65 inch)		-	56 [45] 75 [60]	1783 [1433] 1315 [1057]	15 - 4000
Spindle Ext. T3A-XP		-	85 [70] 114 [94]	3110 [2561] 2294 [1889]	15 - 2200
Angular Head (550 mm/21,65 inch)		-	53 [42] 71 [56]	1687 [1337] 1244 [986]	15 - 3000
Angular Head T90-XP		-	85 [70] 114 [94]	3110 [2561] 2294 [1889]	15 - 2200
High Speed Twist Head - 5 axes (T3K)	215	{-120/+95}	44 [35] 59 [47]	200 [160] 147 [118]	250 - 15000
TMX Head	90	{+0/-90} indexed through 1	40 [31,5] 54 [42]	381 [300] 281 [221]	20 - 8000
TOOL MAGAZINE			Chain Type 20 pos.	Chain Type 60/80 pos.	Rack Type
Positions	N°		20 HSK-A-100	60 HSK-A-100 80 {opt.1}	88 HSK-A-100 136 {opt.1} 177 {opt.2}
Max.Ø: side-by-side tools	mm (inch)		125 {5}	125 {5}	100 {4}
Max.Ø: alternate tools	mm (inch)		150 {6}	350 {13}	220 {9}
Max. tool lenght	mm (inch)		400 {16}	500 {19}	200/300/550 {8/12/22}
Max. tool weight	kg {lb}		25 {55}	30 {66}	30 {66}
GENERAL DATA					
Three phases input line	VAC		400/480 ± 10%		
Frequency	Hz		50/60 ± 2%		
Weight (basic machine configuration)	kg {lb}		58000 {127800}		

JOBS SpA

Via Emilia Parmense, 164 • 29122 Piacenza (I)
Tel. +39 0523 549611 • Fax +39 0523 549750
com.com@jobs.it • www.jobs.it