

JUARISTI

TX D/K

MOBILE COLUMN MILLING CENTER

“T Configuration”



Universal ACD



5-axis AK



Orthogonal AOD



HIGH PERFORMANCE MILLING MACHINES

These milling machines are available in 3 different sizes as per machine structure and with the development degree requested by customer in order to reach maximum efficiency.

Rigidity, dynamism and comfort make those models innovative, specially in High Performance precision machining.

There is a standard model with basic options at a very competitive price, but additionally the customer can adapt the machine by incorporating different ATC, Heads, AAC and APC, obtaining a high performance multi-purpose center.



TX1 model with 37 kW Automatic Universal Head

PRECISION AND HIGH EFFICIENCY MACHINING

TX milling centers can machine large components at high chip removal rate.

Milling head power ranges 30-60 kW while torque 1000-2900 Nm. Maximum travels: X-Table travel up to 6 m. and Y-vertical travel up to 4 m.

Heads can be equipped with 1-2 axes, mechanical or electro-spindle, automatic indexing or continuous rotation suitable for rough cutting or finishing operations.

AHC – Automatic Calibration System

This option provides very fast and simple geometry calibration on automatic milling heads.



TX3 5-axis Machining center with high automation level

WITH INNOVATIVE TECHNOLOGY



TX7 with Auto Head Changer



TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS		TX1	TX3	TX7	
Universal Automatic Head ACD Type	Position	2.5° x 2.5° - 1° x 1° - 0.001° x 0.001°			
	kW	30 - 37 - 60			
	Nm	1000 - 1300 - 2900			
	min ⁻¹	3500 - 6000			
Orthogonal Automatic Head AOD Type	Position	1 or 2 axes (2.5° - 1° - 0.001° each)			
	kW	46			
	Nm	1400			
	min ⁻¹	5000			
5-Axis Continuous Head AK Type	Position	+/- 105° and clamped 0.001°			
	kW	30 - 35			
	Nm	1030 - 300 - 90			
	min ⁻¹	6000 - 10000 - 18000			
X - Table cross travel	mm	2000 - 5000	2000 - 5000	2000 - 5000	
Y - Headstock vertical	mm	1500 - 2500	2000 - 2500	2000 - 4000	
Z - Column longitudinal	mm	1500 - 3000	2000 - 3000	2000 - 4000	
Rapid feed rates	m/min	30	30	25 - 30	
Rotary table B-axis	Size	mm	1250 - 1600	1600 - 2000	2500 - 3000
		mm	1600 - 2000	2000 - 2500	3000 - 3500
	Load capacity	kg	8000	20000	40000
		kg			60000
Automatic Tool Changer ATC Chain or Robot Type	N°	30 - 40 - 60 - 80 - 120 - 150 - 400			
Automatic Head Changer AAC	N°	1 - 2 - 3 - 4			
Automatic Pallet Changer APC	mm	1450 x 1600	2000 x 2000	2500 x 3000	

FLEXIBILITY AND TIME SAVING

Flexibility is one of the main features of these models, providing great advantages to companies dedicated to various sectors allowing the machining of different kind of materials and reducing drastically the number of setups and machine preparation time.



BORING AND MILLING EXPERTS SINCE 1941



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