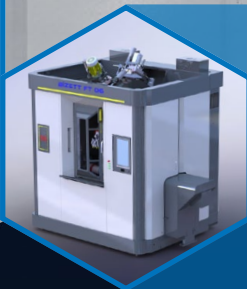




BIZETT



BIZETT RTM-06X

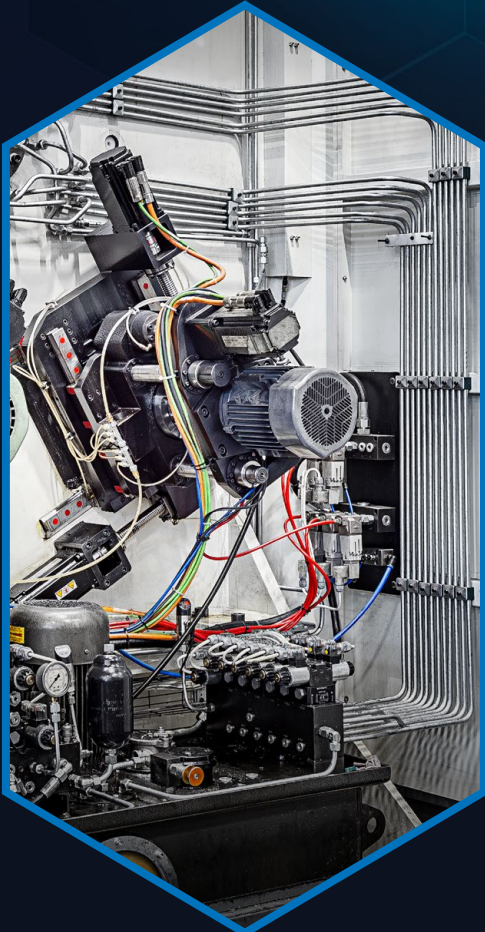
CNC ROTARY TRANSFER MACHINE

12 spindles with a travel distance of 150 mm in X-Y-Z are integrated into a BIZETT RTM-06X machine, this series production machine increases the speed of the work steps in one clamping, which significantly increases the completion of the component.



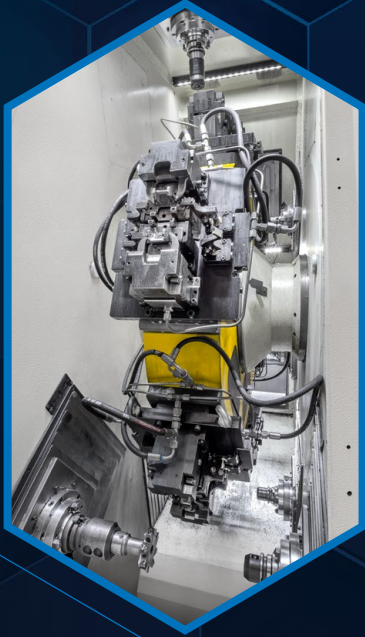
BIZETT RTM-06X

CNC ROTARY
TRANSFER MACHINE



The RTM - 06X is a rotary transfer solution specifically made for advanced production solutions in the future.

The wide variety of RTM-06X rotary transfer machines offered by BIZETT give production machining professionals the right tool for the right job. The system is the solution for the elimination of secondary operations by producing parts complete from bar stock, castings, forgings or cold formed blanks. The RTM-06X machining platform reduces work in progress with additional cost reduction realized due to extremely short remnants that translate to significant material saving. Increased productivity is partially due to modular toolspindle system with quick-change presettable tool heads for easy changeovers.



4/6/8 Loading Stations with high pressure clamp system.

Rotation speed:
30RPM

Clamp pressure:
Max. 100Bar

Rotation angle:
±360°

Rotation ability:
±1.00°

Metal Chipping Conveyor

Metal chipping type	Metal mix chipping
Conveyor Type	Hinged belt conveyor
Color Specifications	Electrostatic powder coating
Motor-Reduction	0.37kW - 9rpm
Electric	Control Panel

Cooling oil Filtration Unit

Filter Capacity	110lt/min emulsion
Filter Chain	20B1 Custom manufacturing
Paper Filter Specifications	Width: 600mm, Length: 100m, 30gr/m ²
Cleaning Level	30 Micron
Reduction	250W Finex
Circulation pump	MIKSAN HCB 20/12
High pressure pump	20L/min, 40bar, 2,2kW
Warning system	Out of paper warning Pollution warning Level warning
Electric	250W Finex



Spindle

Specifications:
BT30-BBT30-HSKE40
BT40-BBT40-HSKA63

Max. Speed:
18000 rpm

Positioner:
Torque control

Coolant trough spindle:
Optional

Spindle runout tolerance at 300 mm:
8µm

Spindle front air curtain:
Standard

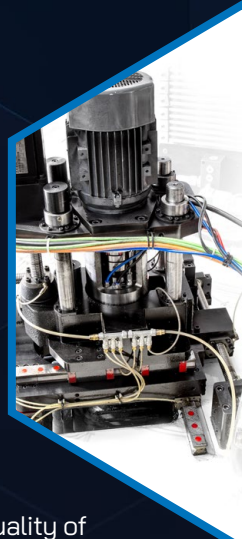
Cooling:
Oil

Clamp-Unclamp:
Standard

Spindle Unit

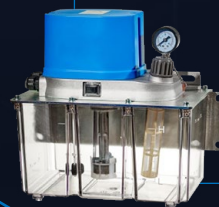
Ball Screw: Precision-ground ball contact surfaces provide high positioning and repeat accuracy.

Lineer Guide: High rigidity, great dynamic and static load carrying capacity, outstanding running smoothness and the total enclosure of the carriage are the main features of the guideway. These properties result in higher machining rates while enhancing geometrical accuracy and surface quality of the machined workpieces.



Easy Multitouch Operation

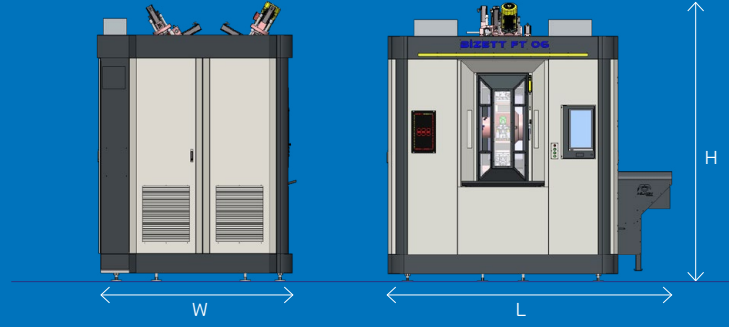
Type	TFT
Size	21,5"
Resolution	FullLHD 1920 x 1080 pixels
Touchscreen	Projected capacitive multitouch, transmission > 88%
Glass Surface	High-Gloss
Backlight	LED (50000h)
Brightness	300cd/m ²
Viewing angle	178°/178°



Auto-Lubrication System: 16 points on the spindle unit are automatically lubricated, extending the life of the entire linear motion system.

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CNC ROTARY TRANSFER MACHINE



RTM-06X		RTM-04X	
Sizes		Sizes	
Width (mm)	2500	Width (mm)	2280
Length (mm)	3650	Length (mm)	3550
Height (mm)	3650	Height (mm)	3350
Weight (kg) (approximately)	14000	Weight (kg) (approximately)	12000
Turret Specification		Turret Specification	
Simultane working station	6	Simultane working station	4
Total Turret Load Capacity (kg)	300	Total Turret Load Capacity (kg)	300
Fixtures assambly plate sizes (mm)	400x192	Fixtures assambly plate sizes (mm)	400x192
Spindle		Spindle	
Max. Spindle Quantity	12	Max. Spindle Quantity	7
Spindle Speed (rpm) (Optional)	8k/10k/12k/14k	Spindle Speed (rpm) (Optional)	8k/10k/12k/14k
Max. Spindle Power	2-15kW	Max. Spindle Power	2-15kW
Max. Spindle Torque	48Nm	Max. Spindle Torque	48Nm
Spindle Specification (Optional)	BT30/BBT30/HSKE40/ BT40/BBT40/HSKA63	Spindle Specification (Optional)	BT30/BBT30/HSKE40/ BT40/BBT40/HSKA63
Movements		Movements	
X Axis (mm)	150	X Axis (mm)	150
Y Axis (mm)	150	Y Axis (mm)	150
Z Axis (mm)	120	Z Axis (mm)	120
B Axis (°)	360	B Axis (°)	360
Axis Speed		Axis Speed	
X Axis (m/min)	15	X Axis (m/min)	15
Y Axis (m/min)	15	Y Axis (m/min)	15
Z Axis (m/min)	15	Z Axis (m/min)	15
Turret position change speed (sec)	3	Turret position change speed (sec)	3

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+90 224 241 40 80

info@bizett.com.tr

Bize Proje Geliştirme A.Ş.

İşıktepe OSB Mah.
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