SIX-SPINDLE AUTOMATIC LATHE

MORI-SAY TM620CNC

WARRANTY 5 YEARS ON THE SPINDLE PACK



TAJMAC-GROUP

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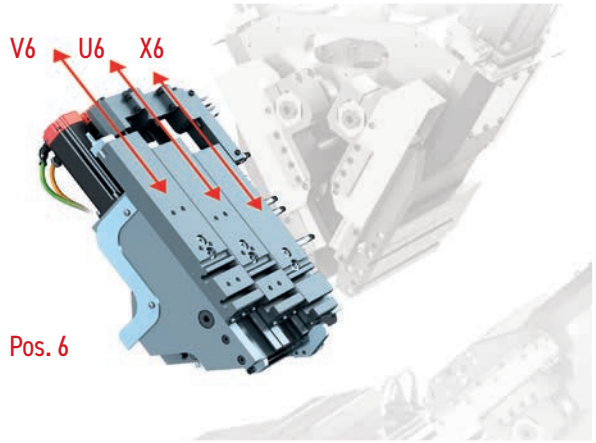
CUCCHI - BLT
BAR LOADING TECHNOLOGY

SIX-SPINDLE AUTOMATIC LATHE
MORI-SAY TM620CNC

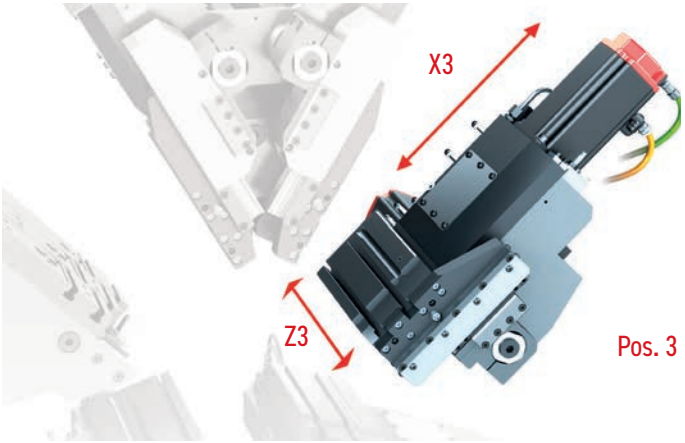
- Innovative design
- Altogether 21 CNC controlled axes (standard version)
- Max. 34 CNC controlled axes, max. 9 CNC controlled spindles
- Possibility of programming in ISO or VirtualCam
- FANUC CNC control system
- Extended technological possibilities
- High accuracy at mass and series production
- Robust base and high rigidity at machining
- Max. diameter of bar with a round cross-section 20 mm (24 mm)
- 5 compound slides in the 1st, 2nd, 3th , 4th and 5th stations as standard
- 6 independent frontal slides
- 1 cut-off slide
- Large working space allows easy access for the operator
- Two control panels with touch screens with a user-friendly interface for the operator
- Compact design with integrated electrical cabinets
- Easy handling of the machine during transport
- Special accessories applicable from the MORI-SAY 620AC machines

POSSIBILITIES OF THE MACHINE

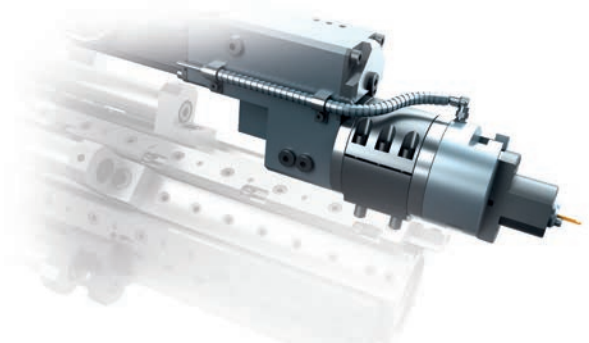
- Six-spindle fully CNC-controlled automatic lathe of high accuracy, rigidity and speed. It is designed for mass and serial production of precision components from bar material up to a maximum of ø 20 mm (ø 24 mm).
- Machine suitable especially for products parts for automotive, hydraulic and pneumatic components.
- The Fanuc i30-B plus control system and two operator panels ensure comfortable and friendly machine operation.
- High productivity is enabled by a total of 21 CNC-controlled axes and another 13 available for special accessories and 6 spindles with a maximum speed of 6 000 rpm. Spindle drum indexing: 0,7 s.
- Wide range of accessories included automatic bar magazine expands the technological capabilities of the machine.



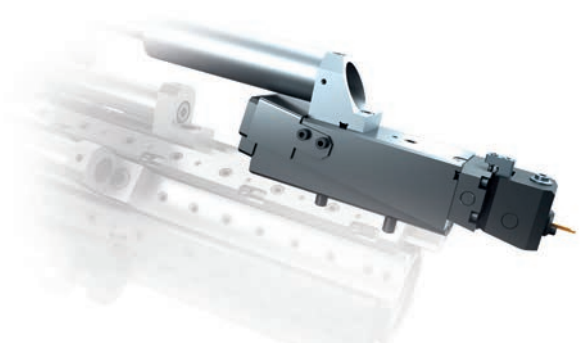
Pos. 6 – cut-off slide (X6) with two tool slides
(U6 and V6 - optional accessories)



Pos. 3 – compound slide
(X3, Z3) as standard



Optional accessories – NC controlled recessing attachment



Optional accessories – mechanical controlled recessing attachment
(identical and usable on the machine MORI-SAY 620AC)

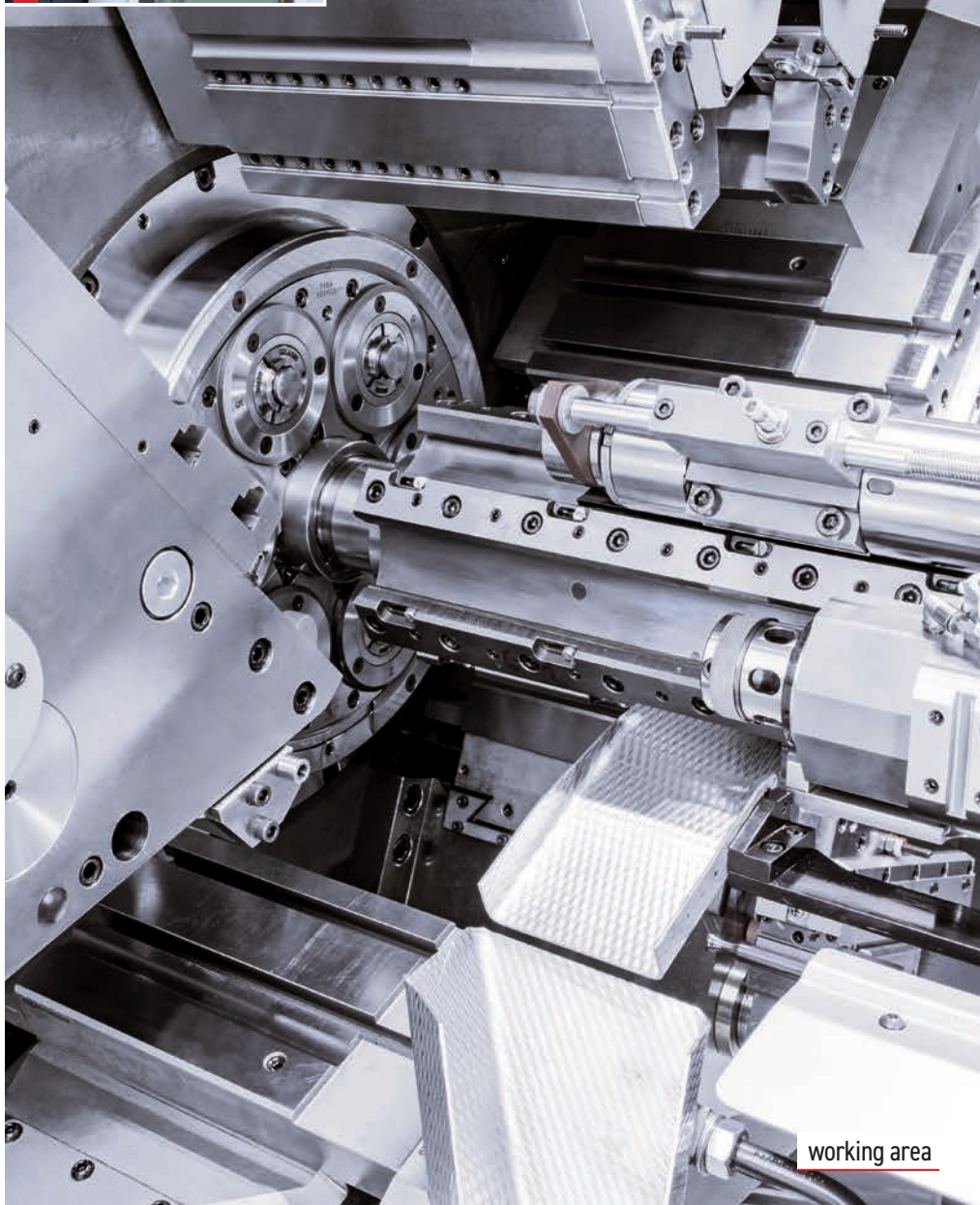
*The best we have moved forward | Extension of a number of CNC automatic lathes of the **MORI-SAY** type | The robust base and rigidity typical of our machines guaranteed*



integrated electrical cabinet
compact and easily accessible



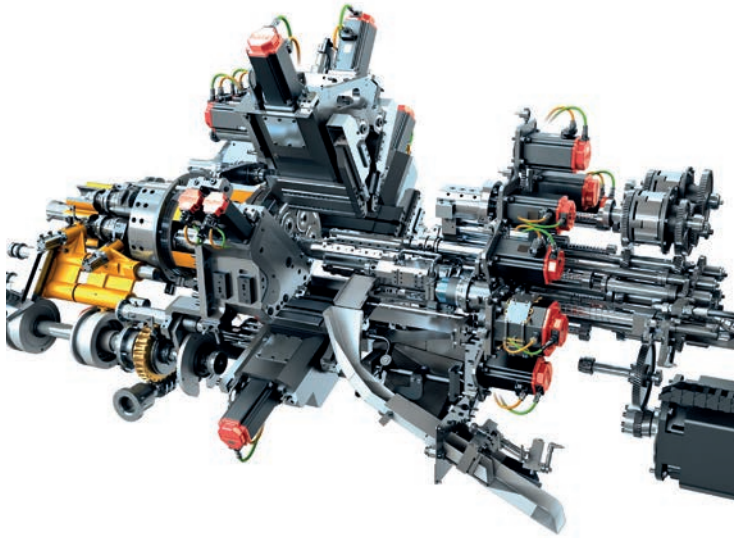
crane eye
for manipulation with the machine



working area



Control system Fanu i30-B Plus



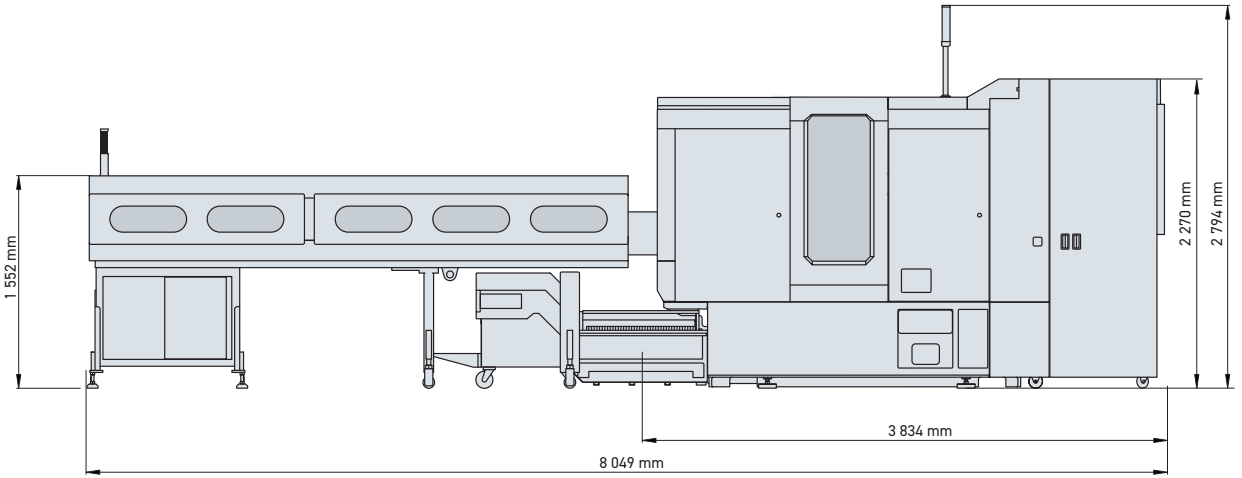
basic arrangement of the machine drives

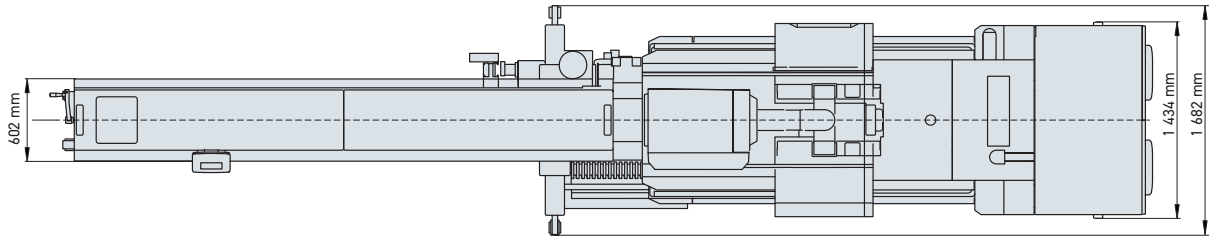
TECHNICAL PARAMETRES

MACHINE TYPE	MORI-SAY TM620CNC
Control system	Fanuc i30-B Plus
	2 pcs of 21" multi-touch display
Connection to a computer network	Yes
Max. number of controlled axes	34
Remote access (service)	Yes
Indexing time	0,7 s
Working time	3,5 - 90 s
Max. diameter of round bar (with bar loader)	20 mm (24 mm)
Max. hexagon rod diameter	17 mm
Max. material length	4 000 mm
Max. material feeding length	100 mm
X1 - X5 max. stroke	60 mm
X1 - X5 max. force	3 200 N
Z1 - Z5 max. stroke	70 mm
Z1 - Z5 max. force	3 200 N
W1 – W5 max. stroke	110 mm
W1 – W5 max. force	2 500 N
W6 max. stroke	310 mm
W6 max. force	2 000 N
X6 max. stroke	50 mm
X6 max. force	1 600 N
U6 stroke	80 mm
U6 max. force	1 600 N
V6 stroke	80 mm
V6 max. force	1 600 N
Max. main spindles speed	6 000 rpm (4 500 rpm machine with stop of spindles)
Rated spindle motor power	11 kW
XZ axes of ISO or VirtualCam programming	Position 1 - 6
W axes of ISO or VirtualCam programming	Position 1 - 6
Max. pick-up spindle speed	6 000 rpm
Rated motor power S0	2,2 kW
Machine dimensions (with 3,3 m bar loader) L x W x H	8 049 x 1 434 x 2 794 mm
Machine length *(without bar loader)*	3 834 mm

Dimensions of the machine with automatic bar loader

(recommended accessories)





The herein stated description and specification may not correspond with the latest model of the machine. ***8/2024***

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