

MORI-SAY TMZ867CNC

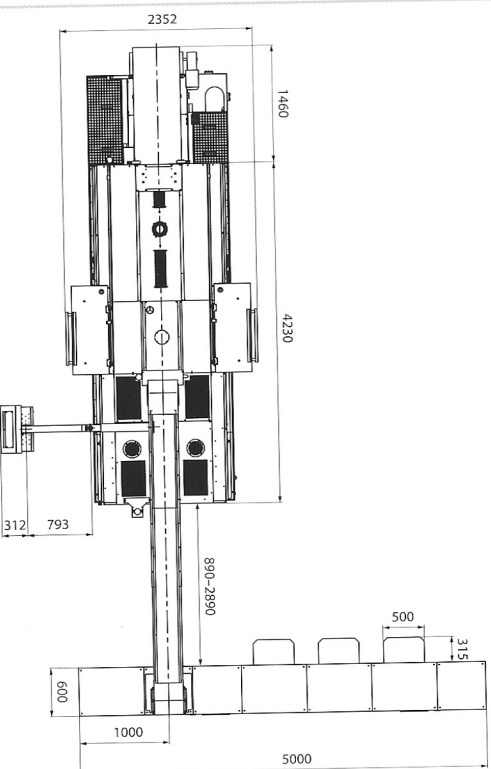
SPECIFICATIONS

STANDARD VERSION

- Spindle drum locking by a triad of rims with spur gearing
- Two SINUMERIK 840 D CNC control systems
- 8 spindle motors
- 8 longitudinal slides
- 7 compound slides
- 1 cut-off slide
- 1 axis for spindle drum indexing
- Altogether 32 CNC controlled axes and 30 additional CNC controlled axes for optional equipment control
- SIMODRIVE motors and drive systems with continuous speed control from SIEMENS firm
- Hydraulically controlled bar clamping, bar feeding and bar stop in the 1st working position
- 3 stations back working slide (X8, Y8 axes)
- Y axis in stations 5 and 6
- Pick-up spindle with CNC controlled speed and pneumatically controlled collet clamping

OPTIONAL EQUIPMENT

- Further attachments for longitudinal machining
- Attachments for profiled holes
- Slide for machining from cut-off side (1 tool holder)
- Attachment for axial and radial drilling and for milling operations from cut-off slide
- Live tools with CNC controlled speed
- Bar stock feeding in the 5th station
- Manipulator for withdrawing of parts from pick-up spindle
- Forming slide (X1, X2 axes)
- Large selection of swarf conveyor systems
- Large selection of high-pressure systems for toll cooling
- Large selection of attachments for drilling, reaming, milling, push-broaching, thread cutting and polygon machining



OPTIONS CNC

Options CNC (SO1 up to SO8 axes)

Increased torque

Slide for machining from cut-off side 1 tool (X8 axis)

Rapid traverse	m/min	max.
Radial travel	mm	15
Force	N	90
Ball screw lead	mm	2 900

Drives of driven tools (ST1 up to ST8 axes)

Number at disposal	rpm – Nm	max.
Max. speed	rpm – Nm	8
Max. torque	rpm – Nm	12 000–2,5
		2 250–22

Attachments for profiled holes (U1 up to U7 axes)

In working positions	1 a
Rapid traverse	m/min 30
Force	N 2 500
Stroke	mm 340

Turning of outer polygons and milling of threads

Speed	rpm	4 500
Torque	Nm	11

System of quickly changeable tool holdem

CAPTO	C3, C4
KENNAMETAL	K32, K40

Bar capacity with collets Hainbuch SK 80 BZ1

With automatic bar loader and turned bar end	mm
With automatic bar loader w/o turned bar end	mm
With stock reel	mm

Max. length of bar feeding

Bar capacity with collets Wickman 2"5/8

With automatic bar loader and turned bar end	mm
With automatic bar loader w/o turned bar end	mm
With stock reel	mm

Max. length of bar feeding

Spindles (SP1 up to SP8 axes)

Pitch diameter of spindles	mm	n o m.
Speed	rpm	2
Power output of spindle motor	kW	20
Length of feed stroke	kW	160
Nominal torque on spindle (at 1 000 rpm)	Nm	191

Spindle drum indexing time

Spindle indexing time by 1 position Frontal slides (W1 up to W7 and Z8 axes)

Number	s	m
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Rapid traverse

Force	m/min	10
Travel	N	

Ball screw lead

Compound slides (X1 up to X7 and Z1 up to Z6 axes)	mm	m
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Number

Rapid traverse (radial and axial)

Axial travel (Z1 up to Z7 axes)	m/min	3
Axial force (Z1 up to Z7 axes)	mm	

Radial travel (X1 up to X7 axes)

Radial force (X1 and X7 axes)	mm	3
Ball screw lead	N	

Cut-off slide (U8 axis)

Rapid traverse	m/min	m
Force	N	2

Travel

Ball screw lead	mm	
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Slide for machining from cut-off slide 3 tools (X8, Y8 axes)

Rapid traverse	mm	
X-axis radial travel	m/min	

Radial force

Y-axis travel	N	
Number of tools (fixed or live)	mm	

Length x Width x Height

Machine weight + el. cabinet	mm	4230 x 2 170 x 2
	kg	17 000 +

Description, illustrations and numerical data may not always correspond with the machine.

Manufacturer TAIMAC-ZPS, a.s. Tržda 3, Ivěna 1180 764 87 Zlín-Halenovice CZECH REPUBLIC Tel.: +420 577 532 072 Fax: +420 577 533 626 www.taimac-zps.cz e-mail: info@taimac-zps.cz	Holding TAIMAC-MTM, s.p.a. Via Gran Sasso 15 20092 Cinisello Balsamo (MI) ITALY Tel.: + 39 02 66017878 Fax: + 39 02 6601457 www.taimac-entnuit e-mail: taimac@taimac-entnuit
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