



TCN \varnothing 32 RT METALS

CNC-CONTROLLED AUTOMATIC LATHE



FEATURES OF THE MACHINE

Model	unit	TCN 32 RT
Spindle Work Field		
Spindle passage diameter		

Hollow bar (tube)	mm	Ø 32
Round Bar	mm	Ø 32
Hexagonal bar	CH	27
Square Bar	SW	22

Spindle

Available power	KW	7.5
Max. spindle revolutions	rpm	4500
Hammer gripper closure		

Cross trolley (X1 - Z1)

Transverse stroke X / longitudinal Z	mm	175/156
X/Z axis fast speed	m/min.	30
Axes motors	power	900W
	nom. torque	2.4Nm
	max. torque	7.2Nm

Cross slide (X2-Z2)

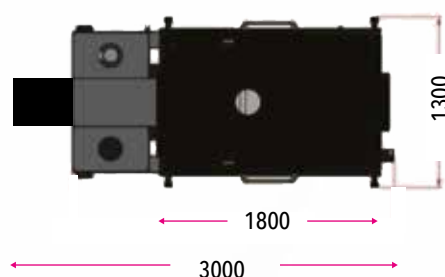
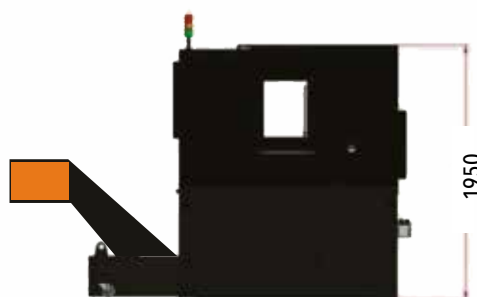
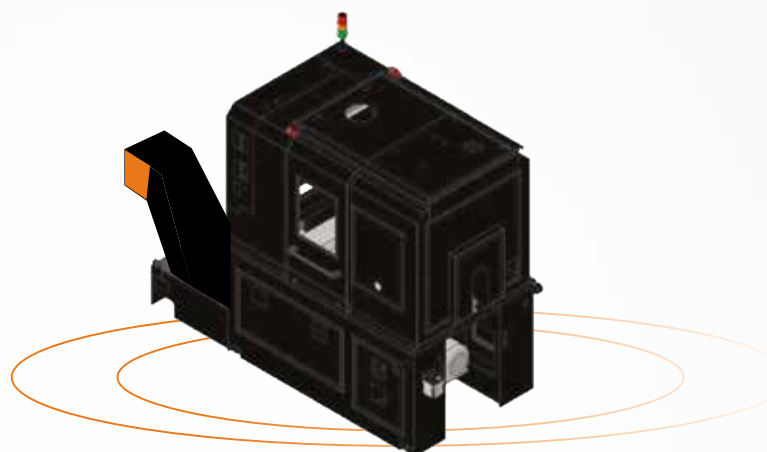
Transverse stroke X / longitudinal Z	mm	53/86
X/Z axis fast speed	m/min.	30
Axes motors	power	900W
	nom. torque	2.4Nm
	max. torque	7.2Nm
Tool section	mm	12x12

Cross slide (X3-Z3)

Transverse stroke X / longitudinal Z	mm	53/86
X/Z axis fast speed	m/min.	30
Axes motors	power	900W
	nom. torque	2.4Nm
	max. torque	7.2Nm
Tool section	mm	12x12

Cross slide (X4)

Cross stroke X	mm	43
X-axis fast speed	m/min.	30
Axis motor	power	900W
	nom. torque	2.4Nm
	max. torque	7.2Nm
Tool section	mm	12x12



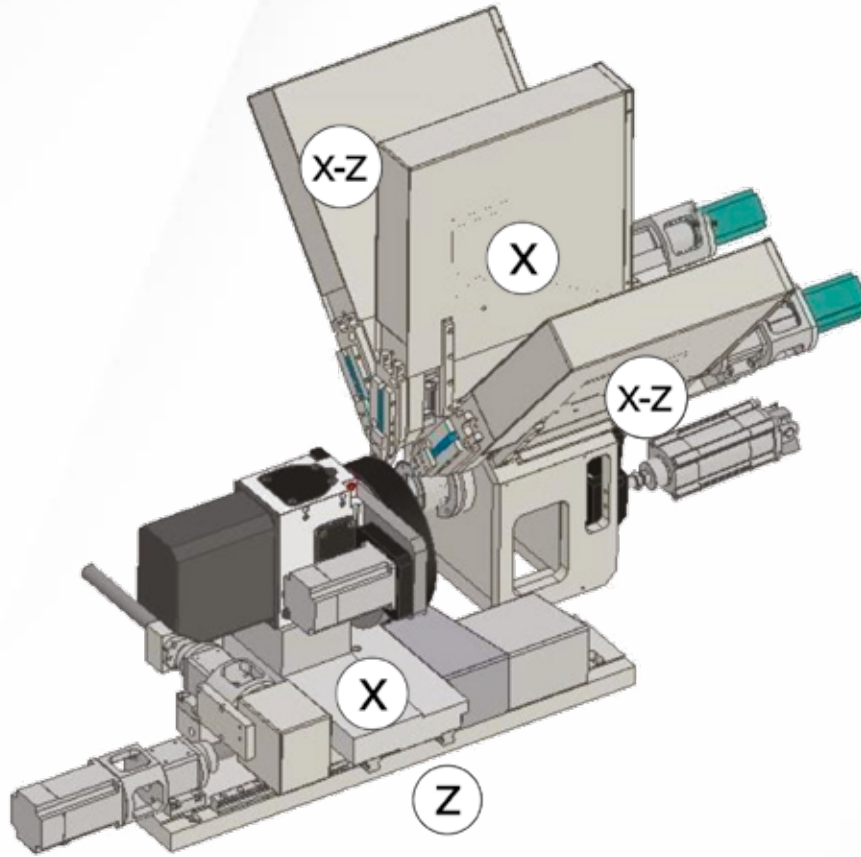
Baruffaldi pneumatic motorised turret

Number of tool stations	no.	8
Tool attachment	mm	WDI 20
Max. distance from spindle	mm	220
Longitudinal stroke Z	mm	156

Dimensions without chip evacuation system

Overall dimensions (L x W x H)	mm	1800 x 1300 x 1950
Dimensions with evacuation system	mm	3000 x 1300 x 1950
Dimensions on ground (L x W x H)		
Approximate weight	kg	2120

DATA OF POWER SUPPLY



ELECTRICAL AND PNEUMATIC SYSTEM

Voltage

Voltage 400V 50HZ

Installed power 20 Kw

Pneumatics 6 bar

TOLERANCES OF ELECTRICAL POWER SUPPLY

Voltage

Voltage at full speed: $\pm 5\%$ of the rated voltage.

Frequency

$\pm 1\%$ of the nominal frequency continuously.
 $\pm 2\%$ of the nominal frequency for a short period.

The logo consists of the letters 'ITS' in a bold, sans-serif font, centered within two concentric orange ovals. The background of the entire page is a gradient of orange, with some faint green oval shapes in the upper left and lower right corners.

ITS

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