



TCN \varnothing 42 RT PTFE

CNC-CONTROLLED AUTOMATIC LATHE



FEATURES OF THE MACHINE

Model **TCN 42 RT**

Spindle Work Field	unit	TCN 42 RT
Spindle passage diameter		
Hollow bar (tube)	mm	Ø 42
Round Bar	mm	Ø 42
Hexagonal bar	CH	36
Square Bar	SW	29

Spindle

Available power	KW	7.5
Max. spindle revolutions	rpm	4000
Hammer gripper closure		

Cross trolley (X1 - Z1)

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

Cross slide (X2-Z2)

Transverse stroke X / longitudinal Z	mm	65/80
X/Z axis fast speed	m/min.	30
Axes motor	power	900W
	nom. torque	2.4Nm
	max. torque	7.2Nm

Tool section	mm	12x12
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Cross slide (X3-Z3)

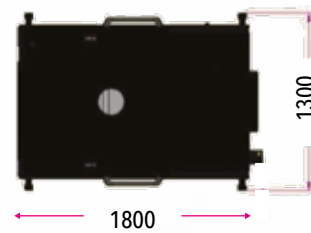
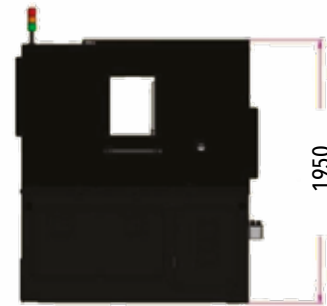
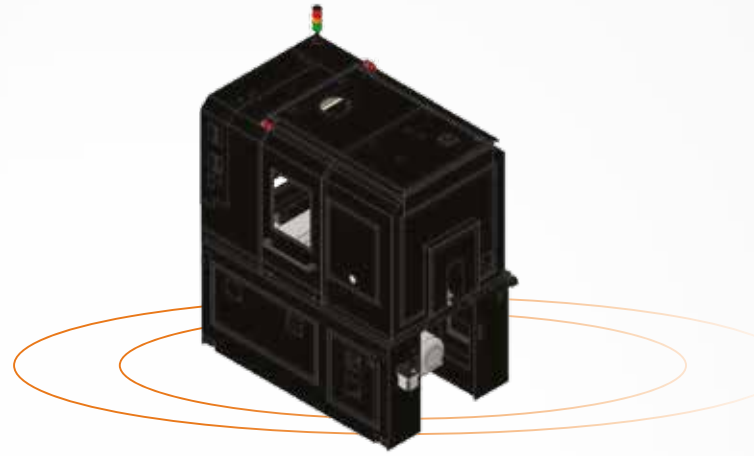
Transverse stroke X / longitudinal Z	mm	65/80
X/Z axis fast speed	m/min.	30
Axes motor	power	900w
	nom. torque	2.4Nm
	max. torque	7.2Nm

Tool section	mm	12x12
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Cross slide (X4)

Cross stroke X	mm	46
X-axis fast speed	m/min	30
Axis motor	power	900W
	nom. torque	2.4Nm
	max. torque	7.2Nm

Tool section	mm	12x12
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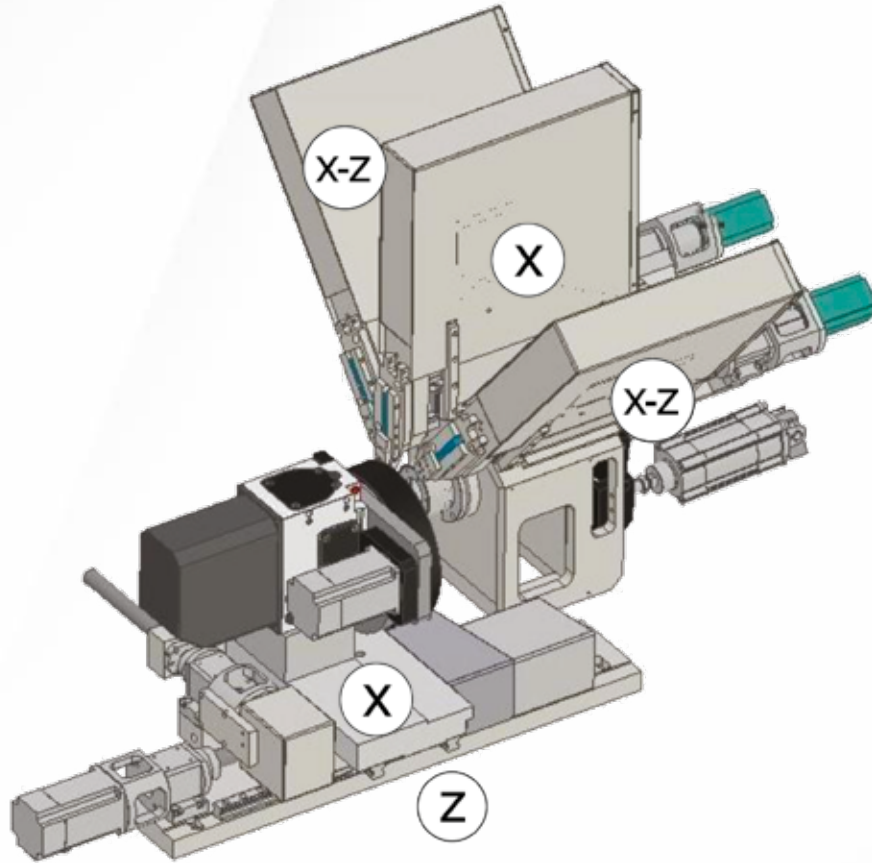
Baruffaldi pneumatic motorised turret

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

Dimensions and weights

Overall dimensions (L x W x H)	mm	1800 x 1300 x 1950
Approximate weight	kg	2100

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.



ITS

Via Lago di Molveno, 16 Z-I
36015 SCHIO (VI) - ITALY

amministrazione@itsitaly.net
www.itsitaly.net

T. +39 0445 576255
F. +39 0445 576257