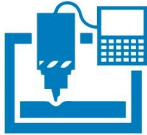




Szelenca

**SPARE PART MANUFACTURING ACTIVITY
AND PLANT CATALOGUE**

OUR SERVICES



CNC machining



**Turning –
with traditional
and CNC machines**



**Milling –
with traditional
and CNC machines**



Cylindrical grinding



Surface grinding



**Thermal spraying –
metal and ceramic**



Lapping



**Dynamic and
static balancing**



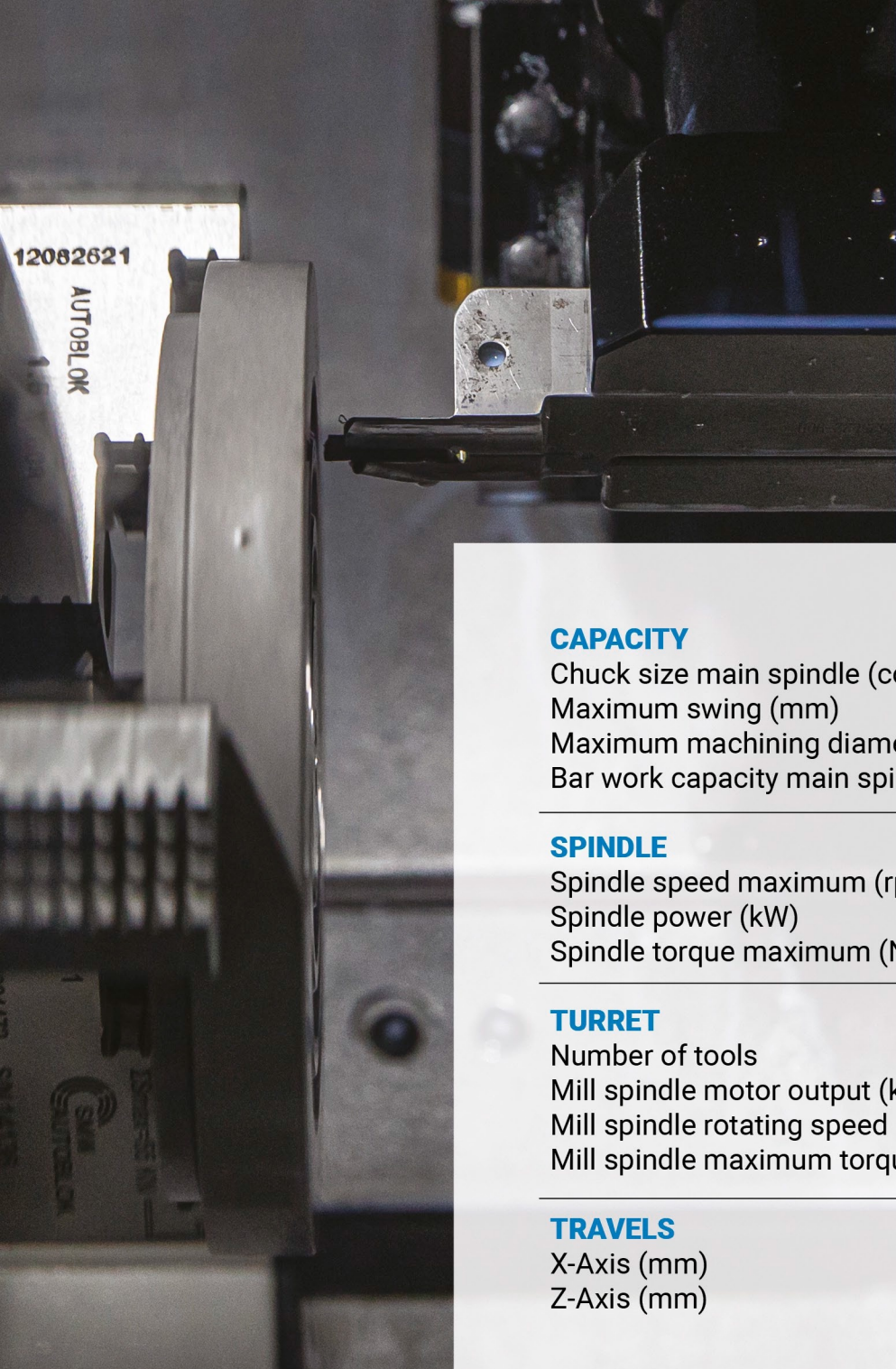
**Flange turning,
machining even in place**



**Modern quality control with
3D coordinate measuring machine –
Our manufactured products
undergo mid-production and
final inspection**



**Our spare part manufacturing is
certified by ISO 9001:2015
and ISO 14001:2015 standard**



MAZAK QUICKTURN 250MB CNC TURNING MACHINE

CAPACITY

Chuck size main spindle (coll)	10 "
Maximum swing (mm)	695
Maximum machining diameter (mm)	380
Bar work capacity main spindle (mm)	80

SPINDLE

Spindle speed maximum (rpm)	4,000
Spindle power (kW)	26
Spindle torque maximum (Nm)	465

TURRET

Number of tools	12 (all can be driven)
Mill spindle motor output (kW)	5.5
Mill spindle rotating speed maximum (rpm)	5,500
Mill spindle maximum torque (Nm)	47

TRAVELS

X-Axis (mm)	234
Z-Axis (mm)	1,190



MAZAK QUICKTURN 200L CNC TURNING MACHINE

CAPACITY

Chuck size main spindle (coll)	8 "
Maximum swing (mm)	660
Maximum machining diameter (mm)	350
Bar work capacity main spindle (mm)	65

SPINDLE

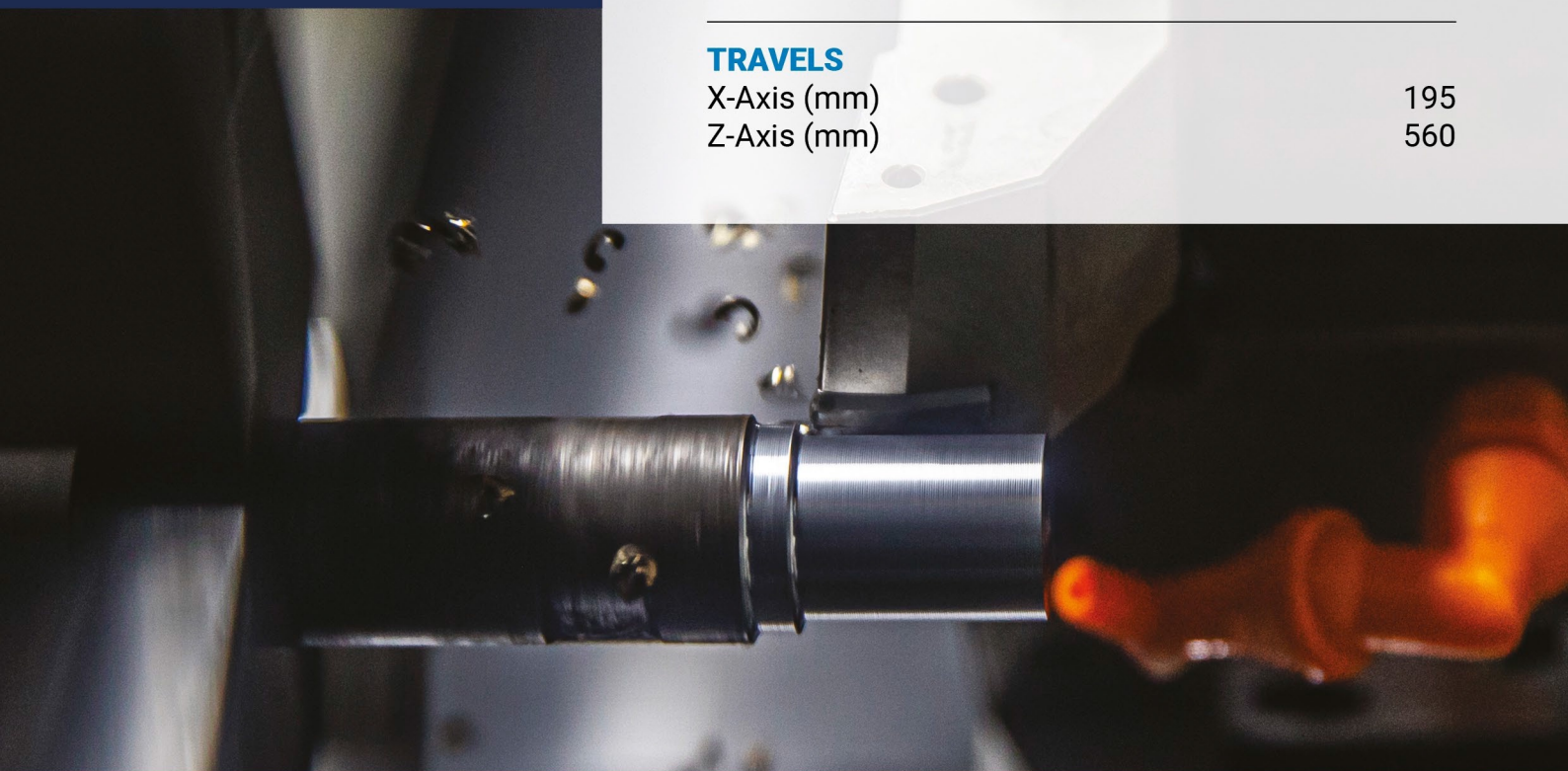
Spindle speed maximum (rpm)	5,000
Spindle power (kW)	15
Spindle torque maximum (Nm)	233

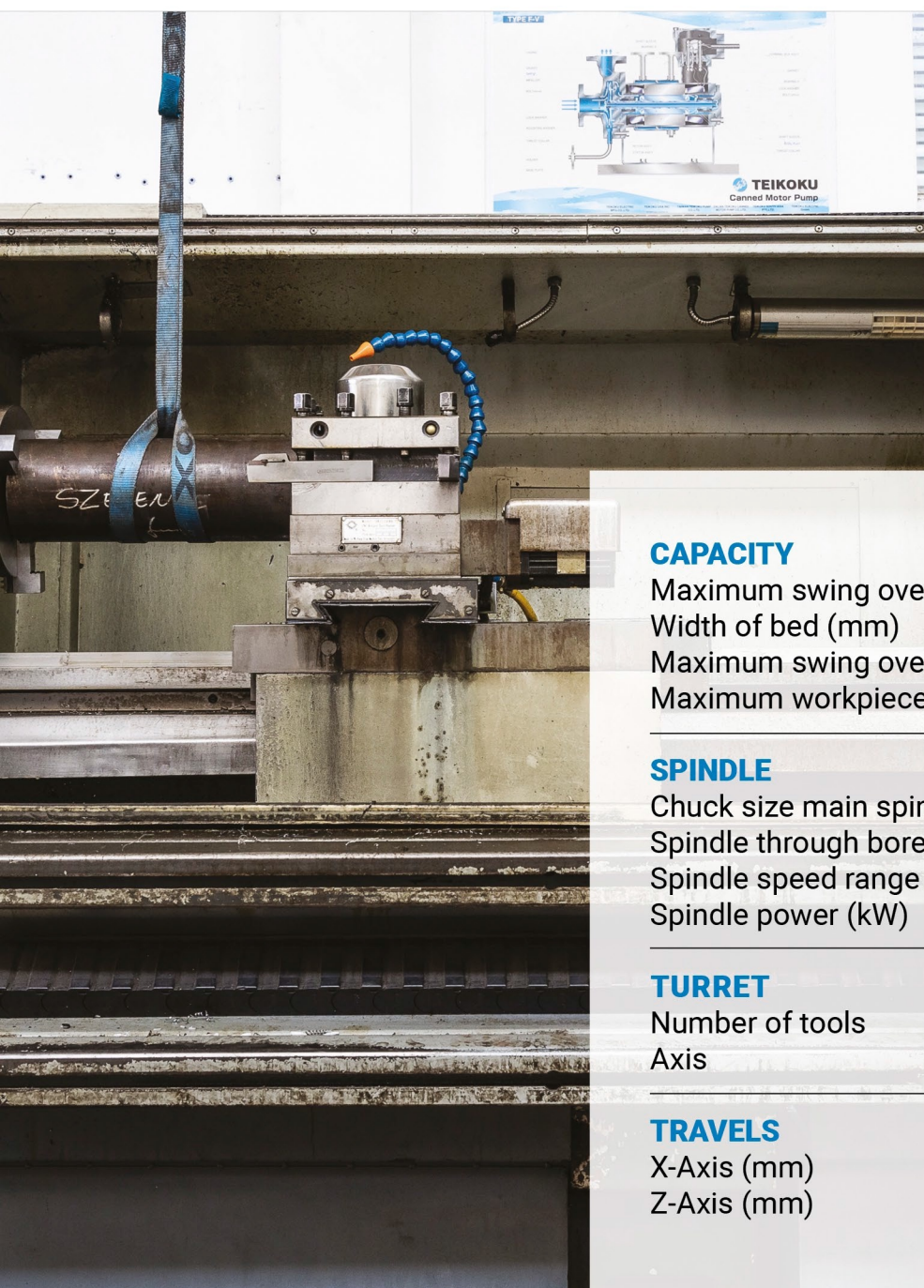
TURRET

Number of stations on drum turret	12
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TRAVELS

X-Axis (mm)	195
Z-Axis (mm)	560





DALIAN CKE6150z CNC TURNING MACHINE

CAPACITY

Maximum swing over bed (mm)	500
Width of bed (mm)	400
Maximum swing over cross slide (mm)	280
Maximum workpiece length (mm)	1,500

SPINDLE

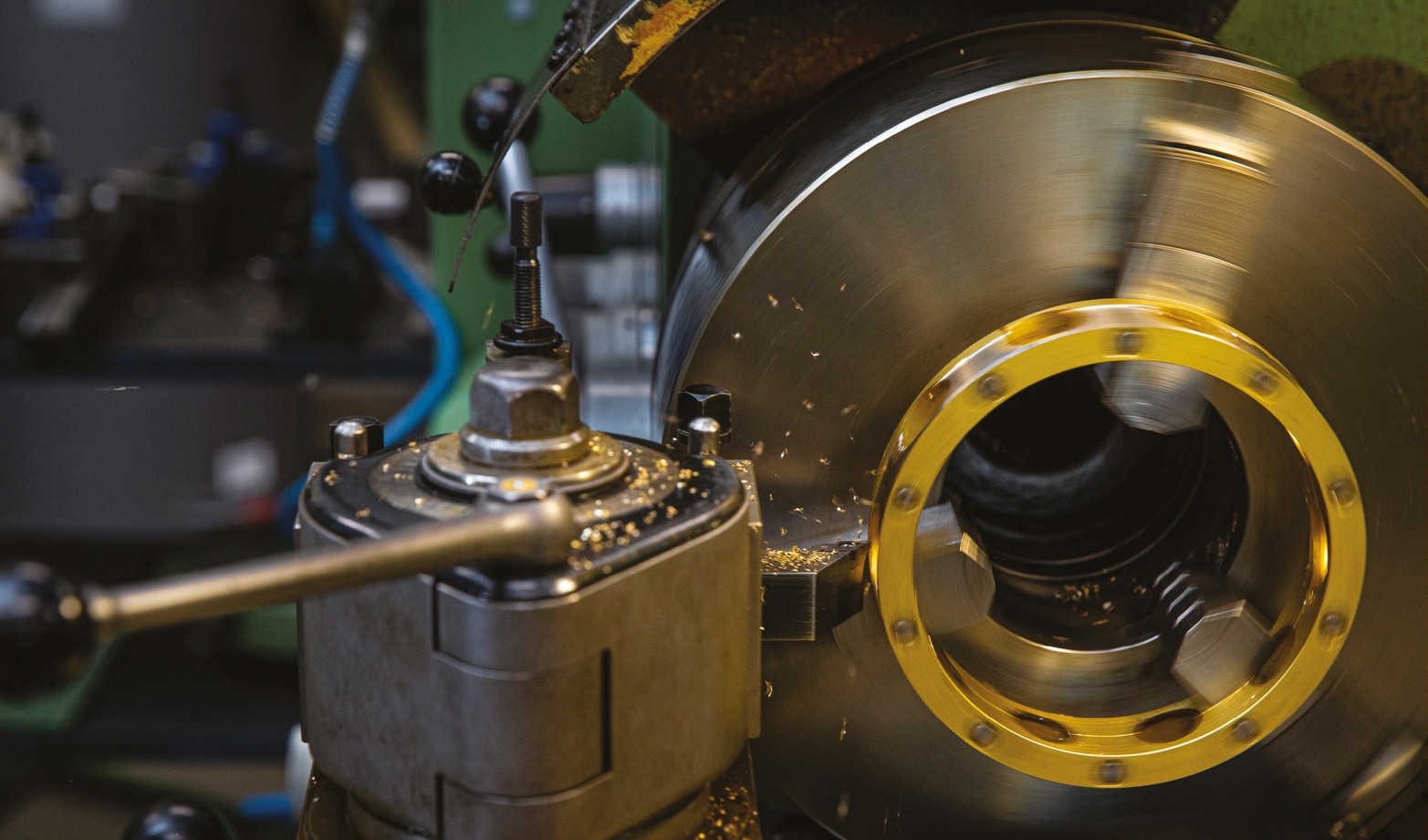
Chuck size main spindle (coll)	10 "
Spindle through bore (mm)	82
Spindle speed range (rpm)	7 - 2,200
Spindle power (kW)	7.5

TURRET

Number of tools	4
Axis	vertical

TRAVELS

X-Axis (mm)	280
Z-Axis (mm)	1,430



SPINDLE

Spindle power (kW)	4.5
Spindle speed maximum (rpm)	1,600

TRAVELS

X-Axis (mm)	280
Y-Axis (mm)	1,000

16K20 „RED PROLETARIAN” TURNING MACHINE





BULGAR CU400

TURNING MACHINE

SPINDLE

Spindle power (kW)

4.5

TRAVELS

X-Axis (mm)

up to 500

Z-Axis (mm)

2,000

SPINDLE

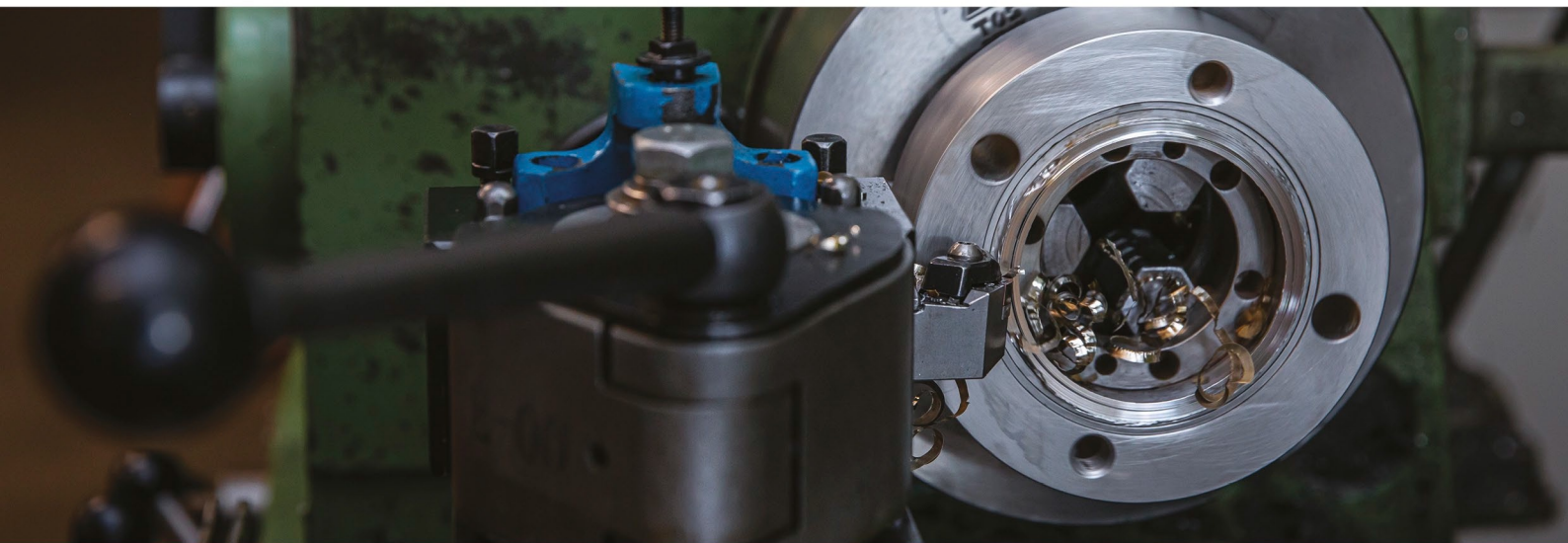
Spindle power (kW)	3
Spindle speed maximum (rpm)	2,500

TRAVELS

X-Axis (mm)	250 / 160
Z-Axis (mm)	500

E3N-01

TURNING MACHINE





KNUTH KB 32 SF COLUMN DRILLING MACHINE

WORKING AREA

Drilling capacity (mm)	32
Tapping capacity (max.)	M 24
Table set up area (mm)	330 x 330

SPINDLE

Spindle nose-to-table surface distance (mm)	813
Spindle nose-to-foot distance (mm)	1,236
Column diameter (mm)	100
Quill stroke (mm)	150
Speed range (rpm)	320 - 1,820
Spindle power (kW)	1.5

MITUTOYO CRYSTA-PLUS M574 3D MEASURING MACHINE

TABLE

Weight on magnetic table (kg)	180
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MACHINE ACCURACY

ISO 10360-2 (20 °C ±1 °C)	$E = (3.5 + 4.5L/100)\mu\text{m}$
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PROBE REPEATABILITY

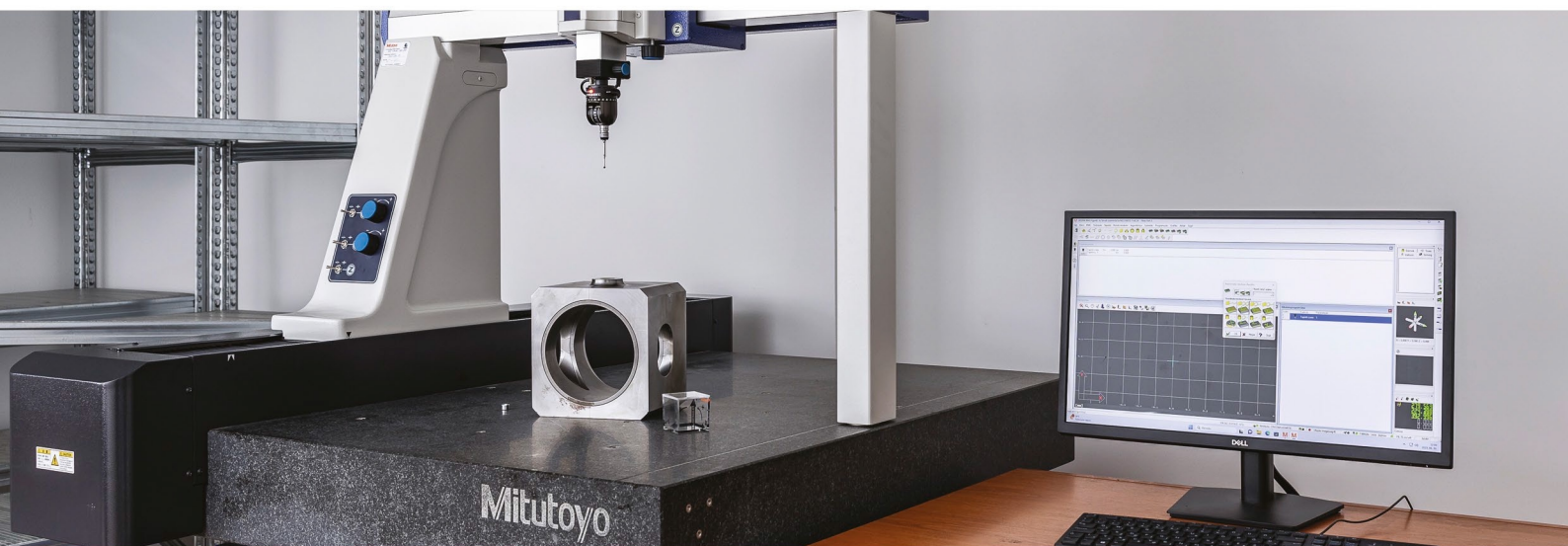
ISO 10360-2	$R = 0.004\mu\text{m (TP20)}$
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RESOLUTION

Length measuring system	.00002" (0.0005μm)
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TRAVELS

X-Axis (mm)	500
Y-Axis (mm)	700
Z-Axis (mm)	400





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