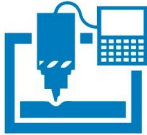




Szelence

**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**

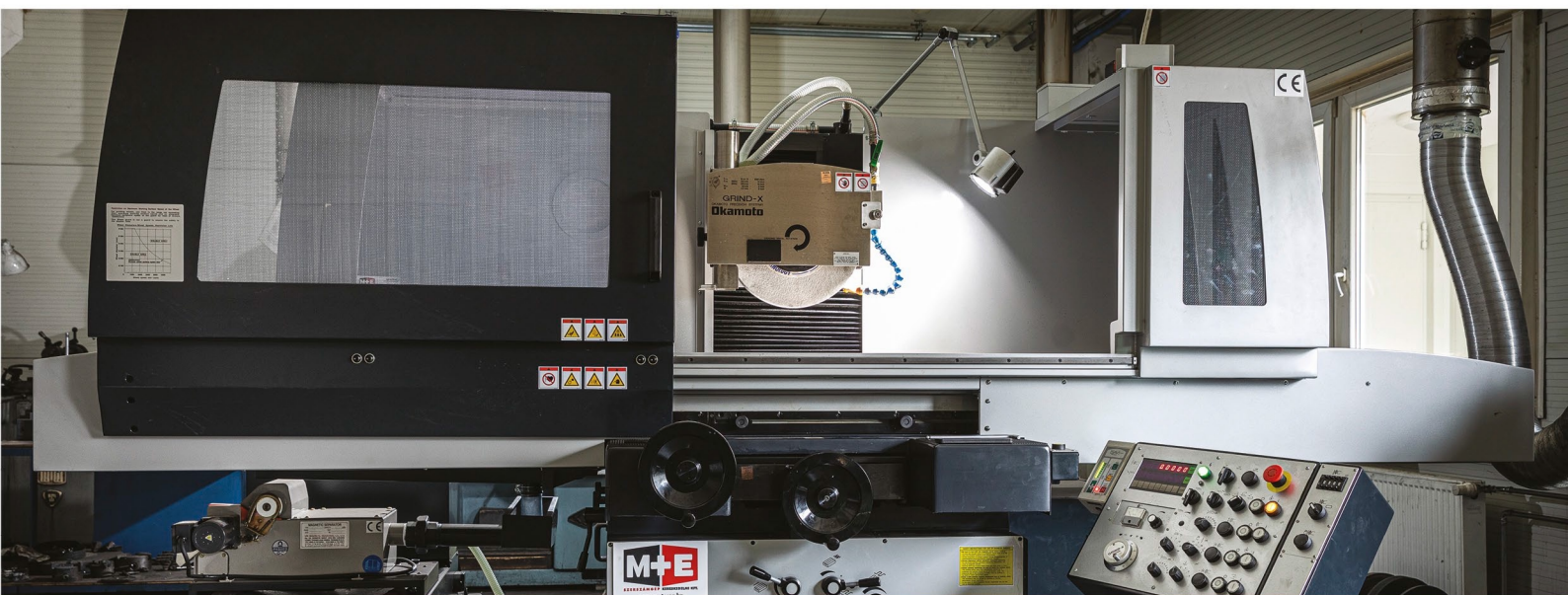


**Modern quality control with
3D coordinate measuring machine –
Our manufactured products
undergo mid-production and
final inspection**



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

Standard size of magnetic chuck (mm)	600 X 300
Max. grinding height between table and new wheel (mm)	322
Weight on magnetic table (kg)	420



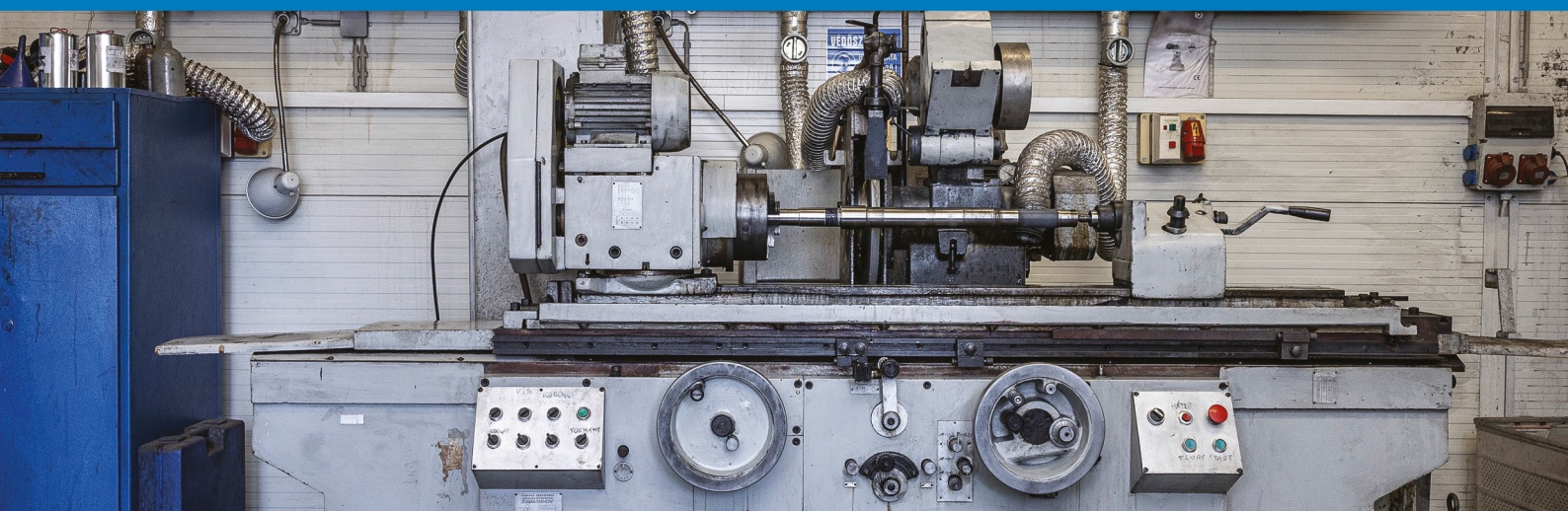
PONAR TARNOW RUP 28.45 CYLINDRICAL GRINDING MACHINE

CAPACITY

Maximum grinding dia. (mm)	280
Internal grinding (mm)	200
Grinding length (mm)	1,000
Wheel size (mm)	300
Workpiece in centers (kg)	125
Grinding accuracy (mm)	0.005
Speed range (rpm)	320
Motor output (kW)	1.5

SPINDLE

Spindle speed (rpm)	2,640
Grinding speed (rpm)	1,770
Table speed range (mm/min)	75 - 4,000
Grinding motor (kW)	5.5





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
-------------------------------	-----

MACHINE ACCURACY

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

PROBE REPEATABILITY

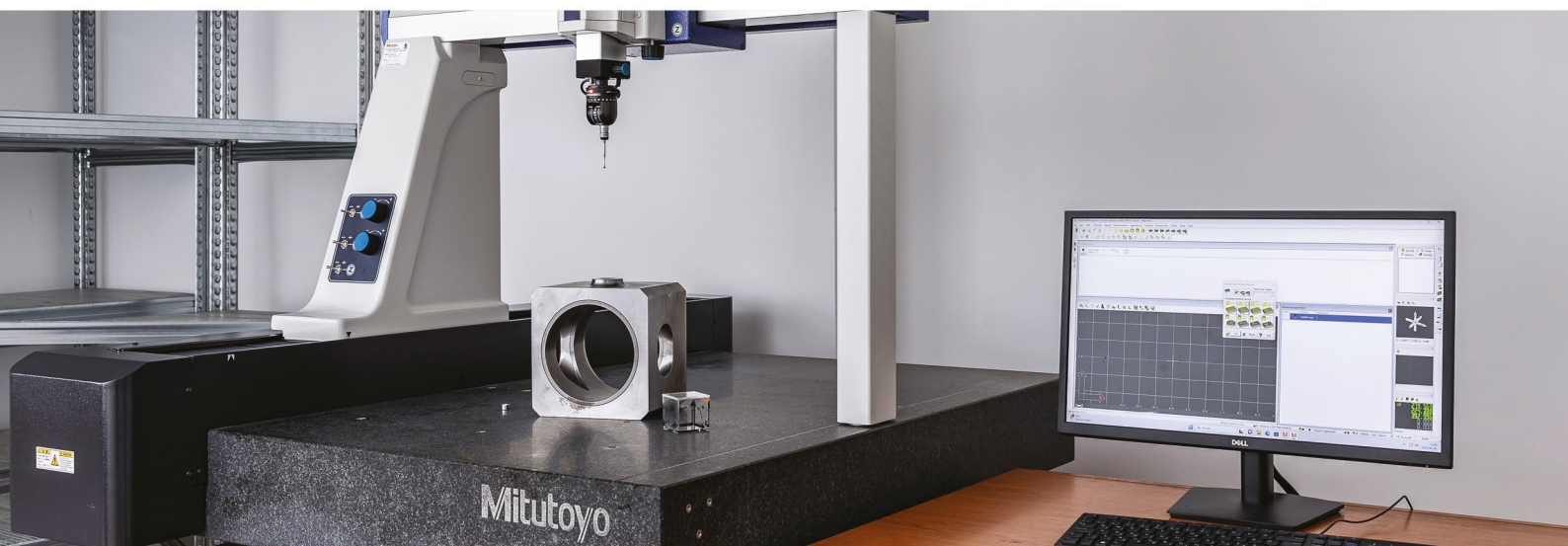
ISO 10360-2	$R = 0.004\mu\text{m (TP20)}$
-------------	-------------------------------

RESOLUTION

Length measuring system	.00002" (0.0005μm)
-------------------------	--------------------

TRAVELS

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





 www.szelencekft.hu

 +36 27 311-881

 szelence@szelencekft.hu