

MART-KAC sp. z o.o. sp.k.

CNC Obróbka skrawaniem



YOUR PROFESSIONAL PARTNER IN CNC MACHINING

Efficiency, precision and reliability have been our hallmarks in the field of machining technology for over 10 years, which made us trusted partner to various industrial businesses.

WE OFFER:

- Precision machining on state-of-the-art machine tools (turning, milling, grinding)
- Modern measuring methods using coordinate measuring machines
- Performance of implement technologically complex pieces as per the Customer's design

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STATE-OF-THE-ART MACHINE PARK

We have continuously upgraded our machine park and expanded technological possibilities to ensure the highest quality of manufactured elements.

3 AXIS milling machines

ecoMILL 600V, DMC 635V eco, CMX 1100V, DMC 103 V

4-5 AXIS milling machines

2x DMU 50 ecoline, DMU 70, CMX 50 U with automatic pallet exchange, Robodrill alpha D21iB5

Lathes

CLX 350 V3, CLX 350 V6, CLX 450 V3

Automatic lathes

MLK 32 HYBRID

Grinders

BLOHM HFS 512, JOTES E 450 NP



ecoMILL 600V

Technical specifications

Work table area:
900 × 560 mm
Morse taper: SK 40
Travel in x axis: 600 mm
Travel in y axis : 560 mm
Travel in z axis : 510 mm
Max. spindle rotary speed
– 12 000 rev/min.

WE PERFORM CUSTOMISED ORDERS
BASED ON INDIVIDUAL DESIGNS!
YOU ARE WELCOME TO CONTACT US

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QUALIFIED PERSONNEL

Our qualified staff uses due care and diligence for accurate execution of all, even the most complex pieces.

OUR NEW PRODUCTION AND
SERVICE HALL IS OPENING SOON



DMC 635V eco

Technical parameters

Work table area:

790 × 560 mm

Tool taper: SK 40

Travel in x axis: 635 mm

Travel in y axis: 510 mm

Travel in z axis: 460 mm

Max. spindle rotary speed
– 8 000 rev/min.



CMX 1100 V

Technical parameters

Work table area:

1400 × 560 mm

Tool taper : SK 40

Travel in x axis: 1100 mm

Travel in y axis: 560 mm

Travel in z axis: 510 mm

Max. spindle rotary speed
– 15 000 rev/min.

PIECES MANUFACTURED



DMU 50 ecoline
Technical parameters
2 machines available
5-sided machining milling machine
Travel in X,Y,Z axes (500,450,400)
Maximum spindle rotary speed
10.000 rev/min
Trunion rotary table NC (B axis) -
5* +110* (C axis) 360*
SK40 tool mounting



DMU 70 ecoline
Technical parameters
5-sided machining milling machine
Travel in X,Y,Z axes (750,600,520)
Maximum spindle rotary speed
12.000 rev/min
Trunion rotary table NC (B axis) -
10* +95* (C axis) 360*
SK40 tool mounting



CMX 50 U z PH150
Technical parameters
Max. travel in X axis 500 mm
Max. travel in Y axis 450 mm
Max. travel in Z axis 400 mm
Max. table load 00 kg
Table diameter 630 mm
10 pallets exchange system for
pieces



We always use our best efforts to maintain the highest level of manufacture and take care to control the quality of all our products. CMM Wenzel LH 87 counts among our Coordinate Measuring Machines.



LH 87
Technical parameters
Measuring range:
Z axis:800mm
Y axis:1500 mm
Z axis:700 mm
Measuring plate of natural granite
Measurement uncertainty acc. to PN EN ISO 10360-2



CLX 350
Technical parameters
Swing over bed \varnothing 610 mm
Max. turning diameter \varnothing 320 mm
Travel in Z axis 580 mm
Max. bar passage - \varnothing 51 mm
Chuck size \varnothing 210 mm



CLX 350 V6
Technical parameters
Two spindle
Swing over bed \varnothing 610 mm
Max. turning diameter \varnothing 320 mm
Travel in Z axis 580 mm
Max. bar passage \varnothing 51 mm
Chuck size \varnothing 210 mm



CLX 450
Technical parameters
Swing over bed \varnothing 650 mm
Max. turning diameter \varnothing 400 mm
Travel in Z axis 600 mm
Max. bar passage \varnothing 80 mm
Chuck size \varnothing 250 mm

The LH coordinate measuring machine, the latest high performance portal type coordinate measuring machine is ideally suited for high accuracy applications that require high throughput.

PRECISE QUALITY CONTROL



FANUC Robodrill D21LiB5 **Technical parameters**

Work table surface:
850 × 410 mm
Tool taper: BBT30
Travel in X axis: 700 mm
Travel in Y axis: : 400 mm
Travel in Z axis: : 330 mm
Max. spindle rotational speed
– 24 000 rev/min.

We check the accuracy of the manufactured pieces using the Coordinate Measuring Machines held in our laboratory.



We are planning to implement ISO 9001 standard in 2020.



MAIER type MLK32 Hybrid **Swiss-type lathe** **Technical parameters**

- Bar processing to \varnothing 32 mm
- Spindle stroke to 220 mm
- Main spindle and counter spindle
- Efficient system of two simultaneously working tools
- 7 axes and up to 23 driven and fixed tools



Mitutoyo PV-5110 projector **Technical parameters**

Z axis: 200 mm
Y axis: 100 mm
Projector screen
Effective diameter: 508 mm/20,,
Screen rotation : $\pm 360^\circ$
Measuring grid: cross lines
Lens 10X (172-402),
Optional: 5X, 20X, 50X, 100X
Zoom accuracy
Contour lighting: $\pm 0,1\%$
Resolution 0,001 mm