

CNC MACHINING OFFER GAMAALUMÍNIUM S.R.O.

OUR OFFER

*GAMAaluminium s.r.o. as a long-lasting and stable company since 2001 dominates in the production of aluminium heatsinks and their post processing. The company offers free manufacturing capacities on CNC machine centers for the machining mainly aluminum alloys. The manufacture is equipped with **eight CNC machine centers** that can be used for **milling, threading and drilling**. The portfolio of CNC devices consists of seven **3-axis machines** and one **4-axis machine** where the fourth axis consists of a rotary table.*

*Based on your drawing documentation or the 3D model, we will prepare a quotation for you. We use the latest software technology for programming machines, allowing us to process even more **complex shapes**. Further processing options offered by our company are processed by providing additional services information. For any further information do not hesitate to contact our sales representatives. If you need any special technical advice, you can find all the necessary contacts on our website.*

<http://www.gamaaluminium.sk/kontakt/>



OVERVIEW OF CNC MACHINES



Fig. CNC machine HURCO

HURCO VMX 10i

Technical specifications:

Table size :	762 x 406 mm
Spindle speed :	10 000 min ⁻¹
Peak spindle motor :	11,2 kW
Accuracy :	Positioning +/- 0,005 mm Repeatability +/- 0,002 mm
Axis travel :	X-axis 660 mm Y-axis 406 mm Z-axis 508 mm

HURCO VMX 24i

Technical specifications:

Table size :	1000x450mm
Spindle speed :	12 000 min ⁻¹
Peak spindle motor :	18,5 kW
Accuracy :	Positioning +/- 0,005 mm Repeatability +/- 0,002 mm
Axis travel :	X-axis 800mm Y-axis 450mm Z-axis 510mm



Fig. CNC machine DOOSAN

DOOSAN DNM 500 – 2x

Technical specifications:

Table size :	1200x540 mm
Spindle speed :	12 000 min ⁻¹
Peak spindle motor :	18 kW
Accuracy :	Positioning +/- 0,005 mm Repeatability +/- 0,002 mm
Axis travel :	X-axis 1020 mm Y-axis 540 mm Z-axis 510 mm A-axis 0-360° -1x

DOOSAN DNM 4500 – 2x

Technical specifications:

Table size :	760x508 mm
Spindle speed :	12 000 min ⁻¹
Peak spindle motor :	9 kW
Accuracy :	Positioning +/- 0,005 mm Repeatability +/- 0,002 mm
Axis travel :	X-axis 610 mm Y-axis 508 mm Z-axis 610 mm



Fig. CNC machine HURCO

HURCO VMX 24t

Technical specifications:

Table size :	760x508 mm
Spindle speed :	12 000 min ⁻¹
Peak spindle motor :	9 kW
Accuracy :	Positioning +/- 0,005 mm Repeatability +/- 0,002 mm
Axis travel :	
	X-axis 610 mm
	Y-axis 508 mm
	Z-axis 610 mm

HURCO VMX 42i

Technical specifications:

Table size :	1270 x 610 mm
Spindle speed :	12 000 min ⁻¹
Peak spindle motor :	18 kW
Accuracy :	Positioning +/- 0,005 mm Repeatability +/- 0,002 mm
Axis travel :	
	X-axis 1067mm
	Y-axis 610mm
	Z-axis 610mm



ADDITIONAL SERVICES

Except the CNC machining, we offer also aluminium processing on automatic saws that allow precise cutting of material according to customer's requirements. If requested, we can provide welding technology on the automated robotized workplace with MIG technology or TIG technology where we weld manually. We also offer aluminum surface treatment by anodic oxidation (anodizing) that protects the aluminum surface from oxidation and degradation.

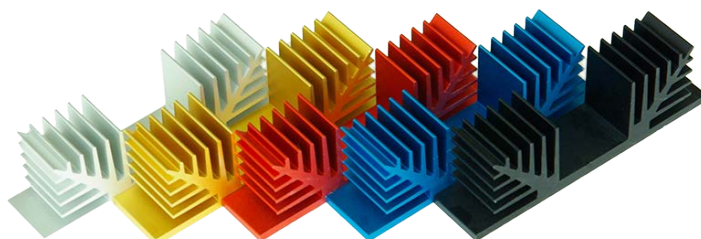


Fig. Aluminium anodizing



Obr. Automated MIG welding