



Choose quality and reliability



Our CNC Machining is Great to Meet a Range of Your Products Development Needs



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bmc-master.com



Ukraine, Dnipro

ABOUT US

Enterprise BMC-Master is a modern, dynamically developing company specializing in the manufacturing of products according to customer drawings, stamping and clamping equipment, metal-cutting tools, shafts, rollers etc., as well as products and spare parts for metallurgical, machinebuilding, metalworking, mining, chemical, oil and gas industries. Our company unites and represents Ukrainian metalworking companies on the international market that cooperate to carry out orders of any complexity within the specified time frame.

Our equipment includes 3-, 4-, and 5-axis machining milling and turning centers produced by the leaders of machine tools: HYUNDAI, HAAS, MECOF, KOVOSVIT MAS, AWEA, MITSUBISHI, LITZ, TAKISAWA, SPINNER that allow us to produce parts of any level of complexity with consistently high quality. All mills are equipped with probes that verify the dimensional accuracy of work in progress, and most are also equipped with quick change chucks to speed changeovers, which give us the flexibility to adjust schedules and equipment usage to meet production demands.

Deeply committed to zero-defect manufacturing, we employ the most advanced metrology, calibration, profiling, and gauging equipment available today. We operate using lean manufacturing principles, and offer tight turnarounds as well as an array of secondary services.



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OUR SERVICES AND CAPABILITIES

CNC milling

We process a wide range of materials from plastics and non-ferrous alloys to hardened steels. High modes and quality of processing are provided by accuracy of working machines and application of high quality tool. The maximum size of the processed part is 4000 mm x 1500 mm x 1800 mm.

CNC Turning

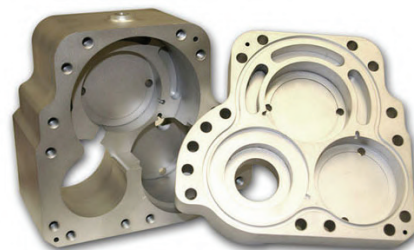
We process the workpiece up to 680 mm in diameter. Workpiece length is from 5 to 3,500 mm. For production of flanges, clips and other parts we have specialized turning milling center and horizontal machining 5-axis center.

Laser Cutting

We offer CNC laser cutting of sheet metals: aluminium, steel, stainless steel and copper. We use laser cutters, which allow high-precision cutting, boring and engraving. Ready parts can be post-processed upon request with coatings, heat-treatments and others. The maximum size of the processed part is 4000 mm x 2000 mm. Thickness of the processed sheet is from 0.5 to 20mm.

Electrical discharge machining (EDM)

We process conductive materials of any kind hardness and brittleness. We provide high accuracy of part cutting (to the nearest 0.01 mm.) The roughness is 0.8 μm .



OUR SERVICES AND CAPABILITIES

Grinding

We provides services for grinding products. The grinding operations area is equipped with circular grinding, surface grinding and internal grinding equipment that meets modern standards of grinding.

Heat treatment

We carries out all the main types of heat treatment, such as quenching, tempering, annealing, carburizing and nitrogen hardening. The heat treatment area is equipped with modern equipment for high-quality metal treatment. Chamber and pit furnaces, cooling baths (oil, water, quenching liquids)

Maximum dimensions of parts (pit furnace):

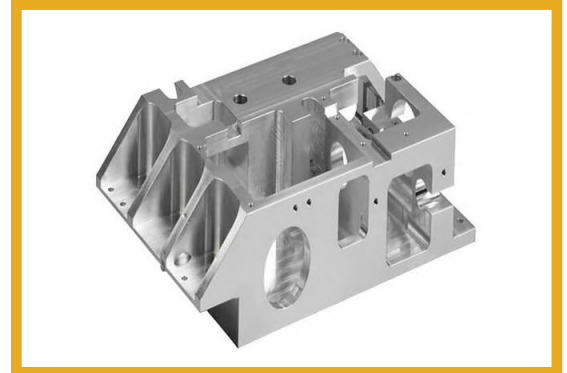
Ø300 L 2,500 mm

Maximum dimensions of parts (chamber furnace):

400x400x400 mm

Also we are offering the following:

- Polishing
- Anodizing
- Passivation
- Blasting
- Drilling
- Plasma Cutting
- Welding
- Assembly
- Bending



ADVANTAGES OF CNC MACHINING



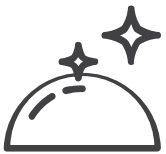
Rapid Turnaround

Using the latest CNC turning and milling machines, Master produces highly accurate, quick turn parts.



Precision

We offer various tolerance options in accordance with ISO 2768 (standard, fine) and ISO 286 (Grades 8, 7, 6).



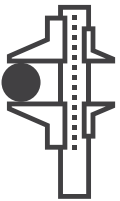
Custom Finishes

Select from a variety of finishes on solid metal and plastic parts, built to precise design specifications.



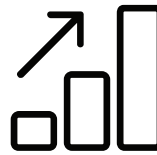
Material Selection

We offer a wide variety of certified materials.



Quality Control

We use Coordinate Measuring Machine for inspection services as a manufacturing quality control process for ensuring all dimensional measurements are exactly as intended.



Any Size

You can order CNC turned parts up to D-680 mm, L-3500 mm. CNC milled parts up to X-4000 mm, Y-1500 mm, Z-1800 mm.



WHAT MAKES US DIFFERENT?



On time deliveries



Competitive price



Quick lead times



Best quality



Very responsive and
easy to work with



Fast quotes (1-2 days)



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Choose quality and reliability



Let's make business together!



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