



# MOHÁCSI VASÖNTÖDE

Since 1894



**IRON CASTINGS,  
MANUFACTURE OF IRON CAST  
WATER SUPPLY FITTINGS**

# INTRODUCTION



**We offer the manufacturing of grey and ductile iron castings for low or medium volume demands up to 700 kg unit weight for any field of the machine industry.**

Our foundry was founded in 1894. In the beginning, it used to deal with producing and repairing agricultural machinery.

It developed continuously over the years. The satisfying quality of casting is guaranteed by up-to-date technology and the experienced staff.

We aim to satisfy every demand for castings in the field of mechanical engineering, machine and part supply.

Our main activities in the field of machine and part supply production are machining and assembling castings but we also offer machining, producing and assembling of machine parts and equipment. At our clients' request, we can cover the surface of our castings either with water based priming paint or with multi-layer paint, even zinc or plastic covering.

An essential element of our activities is tool-making in our model tool-making shop. We can undertake pattern making made of different materials (wood, metal and plastic patterns and core boxes) with either traditional technology or modern 3D technology with software support.



# OUR QUALITIES

- ❖ Grey cast iron according to EN 1561:2000 EN-GJL-200 (cast iron 200, nodular graphite 20) and EN-GJL-250 (cast iron 250, nodular graphite 25) quality levels.
- ❖ Ductile cast iron according to EN 1563:2000 quality levels
- ❖ Capacity of production: 4000 tons of cast iron / year (hand-moulding and semi-automatic moulding machines)
- ❖ Dimensions of castings produced:  
Minimum dimensions of castings are 50x50x50 mm  
Maximum dimensions of castings are 2500x1500x800 mm  
Weight limit of our castings:  
– Minimum weight is 0.5 kg / piece  
– Maximum weight is up to 700 kg / piece
- ❖ Minimum wall thickness : 6-8 mm

## The main qualities of castings produced in our foundry are as follows:

- ❖ Good machinability
- ❖ Good pressure resistance
- ❖ Good abrasion resistance
- ❖ Smooth surface toughness
- ❖ Good grindability



# OUR PRODUCTS

- ❖ Cast iron water-pipe fittings, especially pillar fire hydrants, underground fire hydrants, common wells with ejector and also, from among drainage castings we have several different manhole covers, gratings and frames.



- ❖ Cast iron street furniture, decorative items

- ❖ Lamp posts
- ❖ Bollards
- ❖ Tree grates
- ❖ Litter bin post
- ❖ Bench legs
- ❖ Barbecue grill



- ❖ Cast iron fire grills and stove parts are also part of our wide product range.

- ❖ Machine castings, especially agricultural machinery castings and industrial machinery castings. We aim to satisfy every demand for castings in the field of mechanical engineering, machine and part supply.



# OUR SERVICES



We offer the manufacturing of grey and ductile iron castings for low or medium volume demands up to 700 kg unit weight for any field of the machine industry. Our induction furnaces equipped with a crucible of 2 x 1.200 kg can melt 1.400 kg metal per hour. We offer mould pattern production, as well as hand-casting, and satisfy client demands irrespective of how small quantities or unique products they require.

Upon request, we provide excellent machinery, surface finishing, and assembly services as well.

We supply various fire hydrant spare parts to our clients on a continuous basis. Upon special requests, we take the fire hydrants back to our maintenance shop and perform a preliminary state assessment.

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Our factory has been working as a member of a company group since 2012. This group deals with waste collection, waste treatment, environmental management, manufacture and surface treatment of steel structures, large cylindrical storage systems and of course manufacture of iron castings.



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VASÖNTÖDE**

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