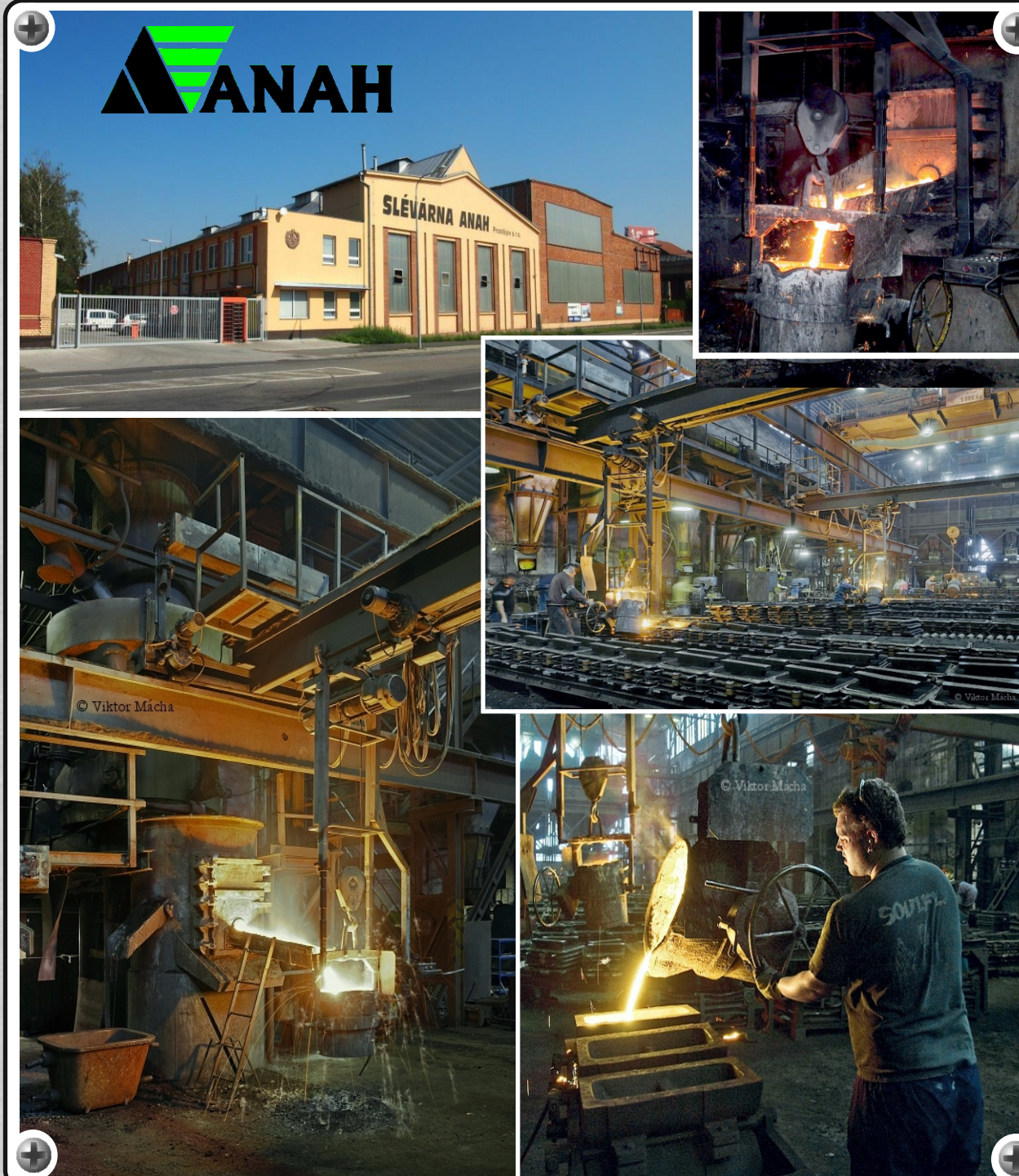


In 2007 -2012  
**SLÉVÁRNA ANAH Prostějov, s.r.o.**  
 succed in the competion  
**The Czech 100 Best**



**THE FOUNDRY**  
**ANAH Prostějov, s.r.o.**

Tradition of the foundry industry from 1882



## WELCOME IN SLEVÁRNA ANAH PROSTĚJOV, s.r.o.

*Slévárna ANAH Prostějov s.r.o., a traditional manufacturer of grey cast iron castings, is a family company disposing with a pure Czech capital. Its history comes back to 1882 when the cast production started. Slévárna ANAH Prostějov, s.r.o. succeeded in the competition „The Czech Best“ in 2007 - 2009. In 2010 we have got the 57. place. The company tradition and philosophy insists on the good quality and performance even the most challenging requirements of its customers.*

*The current annual production capacity of the foundry is at approximately 12 000 tons of grey cast iron castings. The foundry's pattern shop provides manufacturing of metal, wooden or resin patterns according to the customers' requests.*

*The production range of the foundry response to the current demand of the market. We provide castings for mechanical, engineering, automotive and construction industry, furthermore for pipe fittings and valves and for general use in the customer oriented industries as well.*

*Our main focus is on the lot production but it is possible to produce small-lots or single-parts-production as well. At present more than 60% of our production is delivered to EU countries, especially to Italy and Germany, furthermore to England, Slovenia and etc.*

## PHOTOGALLERY CASTINGS



## CASTINGS EXPORT MAP



## CONTACT

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# PACKAGING AND DELIVERIES



*Sale and deliveries of castings are supported by an efficient team of skilled salesmen, which provides their customers all the customer service, as well as a professional and flexible handling by implementation of individual orders.*

*According to customers' needs we are able to ensure transport of castings to places of destination with reliable and experienced transport companies.*

## Packaging:

- \* EUR pallets
- \* disposable wooden pallets with frames according to EU standards (1200x800 mm)
- \* disposable wooden boxes
- \* returnable metal and wooden boxes
- \* giterboxes
- \* another packaging according to customers' needs

## Complementary services:

- \* packing with using of antirusting plastic foils
- \* painting with a priming water diluted paint
- \* zinc coating
- \* heat treatment



# PACKAGING WAYS



# CASTINGS PRODUCTION



*According to our technological facilities we are able to offer production of grey cast iron castings in a weight range from 0,2 - 150 kg as follows:*

ČSN	ČSN EN 1561	DIN 1691	UNI 5007	Tensile strength	Rm (Mpa)	Hardness (HB)
422415	EN-GJL-150	GG-15	G15	>150		140-190
422420	EN-GJL-200	GG-20	G20	>200		150-230
422425	EN-GJL-250	GG-25	G25	>250		180-250
422430	EN-GJL-300	GG-30	G30	>300		200-275

## ČSN EN 1561 Hardness of the castings depending on the wall thickness (HB)

	10 - 15 mm	15 - 30 mm	30 - 45 mm	45 - 80 mm
EN-GJL-150	150 - 210	140 - 200	130 - 190	120 - 180
EN-GJL-200	180 - 240	160 - 220	150 - 210	140 - 200
EN-GJL-250	200 - 260	180 - 240	170 - 230	160 - 220
EN-GJL-300	220 - 280	200 - 260	190 - 250	180 - 240

*Nodular cast iron is produced either in small lots or in pieces according to:*

Tvárná litina	ČSN dle EN	DIN	ISO 1083	Rm min (N/mm2)	Rp 0,2 min (N/mm2)	A (v %)
422304	EN-GJS-400-15	GGG 40	400 - 12	400	250	15
422305	EN-GJS-500-7	GGG 50	500 - 7	500	320	7
422306	EN-GJS-600-3	GGG 60	600 - 3	600	370	3

*Accuracy of the castings according to EN ISO 8062-3:*

- \* DCTG 8 - 11 for machine moulding with the max. casting weight of 90 kg
- \* DCTG 13 for hand moulding with the max. casting weight of 150 kg

*We are able to provide annealing and machining in the cooperation.*

# PATTERN ROOM

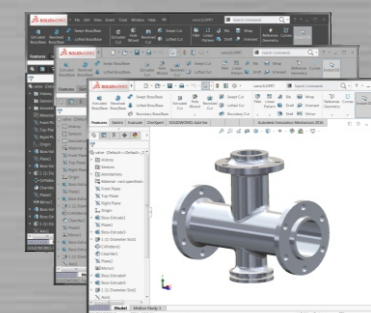
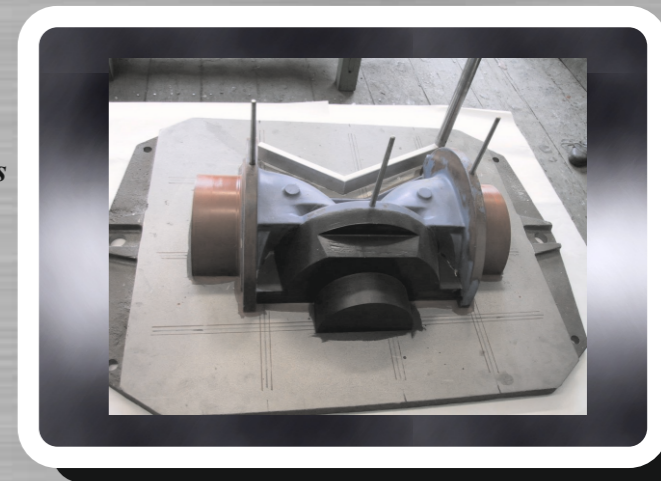
*Manufacturing of new patterns incl. of core boxes from following materials:*

- \* wood
- \* cast resin
- \* metal
- \* combination of these materials
- \* aluminium

*Adaptations of customers patterns on our production technology.*

*Repairs of patterns according to customers requirements.*

*Cooperation with a lot of Moravian pattern shops.*



## CORE SHOP



- \* machine production Carbophen technology or by using of inorganic binder, hardening by CO<sub>2</sub>
  - \* handmade production Carbophen technology or by using of inorganic binder, hardening by CO<sub>2</sub>
  - \* a small part of the production are chromite cores
- For complicated castings are used cores made by COLD-BOX-AMIN technology.



## MOULDING SHOP

Bentonite mixture moulding from the highest quality raw materials in Europe, which guarantee stable and competitive surfaces of our castings. The machine moulding shop is equipped with moulding machines FOROMAT. The mould knockout is proceeded on the semi-automatic shake-out line built-it-yourself.

Basic sizes of moulding frames for: **machine moulding of castings from 0,5 kg to 80 kg:**

- \* 700 x 600 x 300
- \* 700 x 600 x 220
- \* 600 x 500 x 180
- \* 500 x 500 x 180
- \* 500 x 500 x 140
- \* 500 x 500 x 100
- \* 440 x 290 x 140



Basic sizes of moulding frames for: **hand moulding of castings up to 150 kg:**

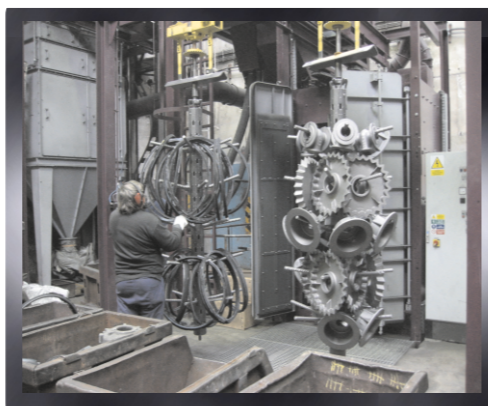
- \* 700 x 600 x 300
- \* 800 x 650 x 380
- \* 1200 x 580 x 180
- \* 1000 x 1000 x 250

## CLEANING SHOP

After shake-out of the castings follows a finishing operations cycle according to customers' requirements to assure deliveries of castings in the standard quality and on schedule.

To raise the production productivity and quality of the castings there have been installed a new high capacity pendant-blasting machine AGTOS.

The surface finish of each casting is agreed with the customer and described on appropriate workplaces of finishers, grinders and blasting to be met all the quality requirements of the customer.



## MELTING SHOP



The cast iron is made in 3 cold blast cupola furnaces of 700 mm smelting zone diameter.

The cupola furnaces are equipped with the BMD dust-collecting appliance, whereby they match all the requirements considering the environmental operation.

The charging system of raw materials using by cast production is auto-routed according to present programmes of batch composition.

To intensify the melting effectiveness we have installed an equipment to enrich the blast air with oxygen.



## QUALITY SYSTEM

Our first priority target is the good quality, keeping of delivery terms and satisfaction of our customers. All the company processes and management are checked yearly according to requirements ČSN EN ISO 9001:2008.

The quality of each process is checked by an independent control:

- \* input check-in of raw material
- \* check-in of patterns
- \* sand laboratory for analysis of sand and core mixtures
- \* mechanical laboratory for determination of tensile strength and hardness, if necessary metallographical analysis as well
- \* spectral chemical analysis by the SPECTROMAX appliance
- \* ultrasonic thickness measuring
- \* capillar tests (PT)
- \* thermal analysis apparatus QUICK-LAB-E-A-50
- \* dimensional analysis
- \* visual check
- \* quality management system according to ČSN EN ISO 9001:2008

Castings quality:

The quality of our castings is attested with documentation according to individual requirements of customers.

- \* castings certificates according to ČSN EN 10 204
- \* dimensional protocols
- \* other documentation on request /PPAP, ISIR.../

Technical equipment:

We use gauges and measuring equipment from prestigious producers mostly. All of them are updated continuously. Used reference documents come from Czech and also foreign producers.

