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Company JSC RusLitMash was founded in Nizhny Tagil in 2008 jointly with GUSS-EX. The company opened its daughter companies in Naberezhnye Chelny in 2011 and in Nizhny Novgorod in 2013.

JSC RusLitMash is an official representative of the largest global manufacturers. We offer cooperation in supply of a wide range of equipment and materials for foundry.

Mission of our company is to promote the technological development of industrial plants in Russia, by providing access to the technologies of world manufacturers.

Every Customer is important for us, and we find an individual approach to each of them. We do our best to meet the Customer's needs.

We do not compromise on quality. JSC RusLitMash represents only reputable manufacturers. In our work, we are guided by high quality standards and strive to work better and better every day.

JSC RusLitMash

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Company KUTTNER SAVELLI (Italy) manufactures moulding lines and sand preparation plants for foundries using green sand technology.

KUTTNER SAVELLI has huge experience in the design and commissioning of complete turnkey foundries. All projects are developed individually in accordance with customer requirements. Before shipment, the equipment is assembled and tested at the KUTTNER SAVELLI facility in Brescia (Italy).

Company KUTTNER SAVELLI manufactures:

Horizontal flask molding lines with productivity up to 300 molds per hour. Features of KUTTNER SAVELLI moulding equipment:

- The method of mould compaction FormImpress®, it is a combined bottom and cope mould squeezing system.
- Use of electromechanical pushers El-Mec.
- The system of combined cooling of moulds.

Sand preparation plants with output from 30 to 600 tons of green sand mix per hour, includes:

- Pneumatic transport systems;
- Polygonal screens with a productivity of 10-400 t/h;
- Bucket elevators;
- Belt conveyors 400 - 1400 mm wide;
- Sand coolers type SK with a capacity of 30-350 t/h;
- SGMT type mixers with a productivity of 30-240 t/h;
- Humidity control systems AQUATEST (Aquatest);
- Mix control systems SAND CONTROL (Sand Control);
- Apron conveyors.

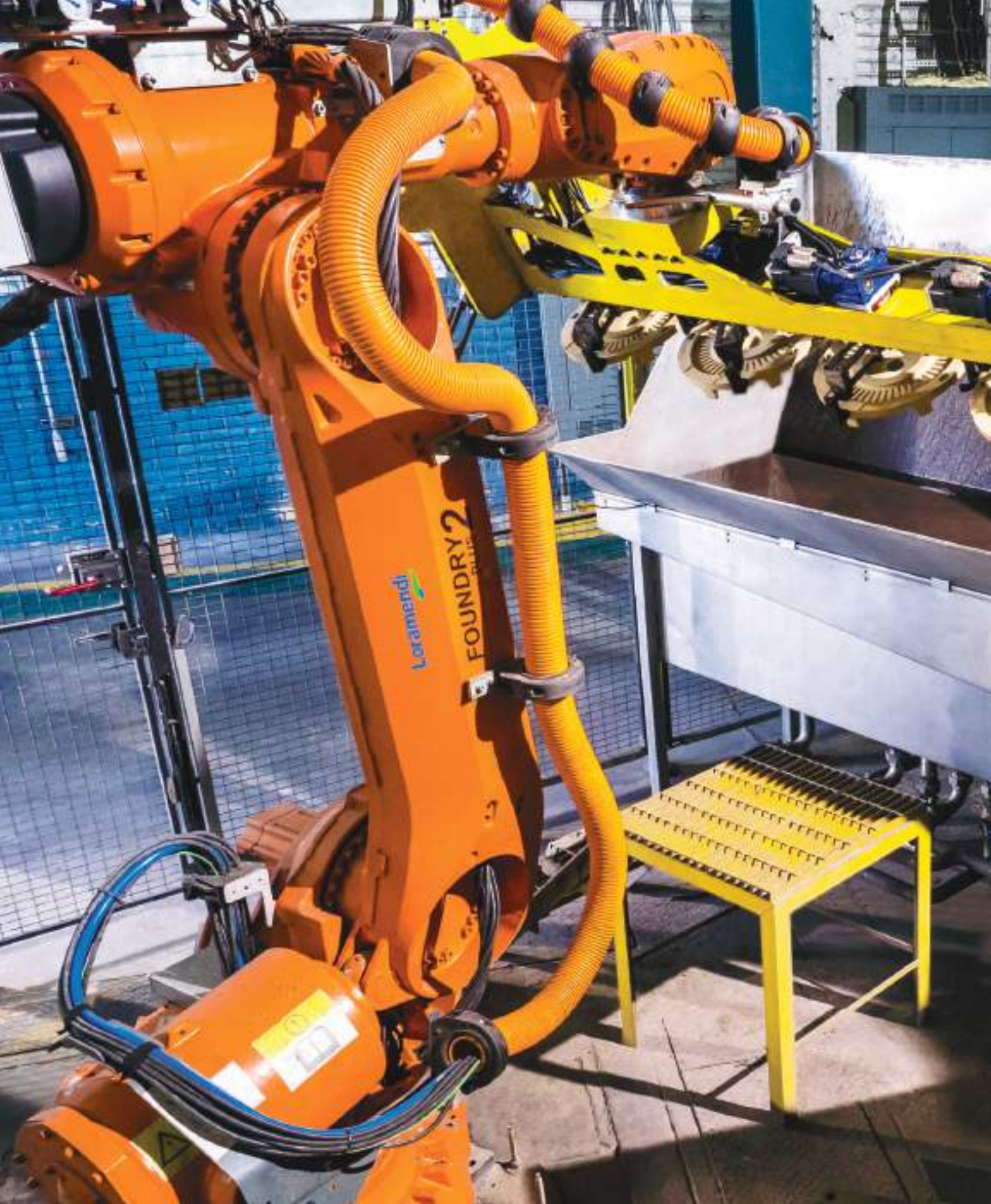
KUTTNER SAVELLI

Address: 25125 Brescia, Italy

Tel.: +39 030 227 95

Website: www.savelli.it





Since 1998 company LORAMENDI (Spain) producer vertical electromechanical moulding machines LORAMATIC for green sand, featuring the following features:

- electric power consumption (kWh/mould) is 2.5 times lower than electric power consumption on the line with conventional hydraulic drive;
- simple maintenance;
- no costs and expenses for hydraulic oil purchase (~ 5000 litres per year);
- environmentally friendly production;
- reliability;
- adjustable moulding chamber, thus 3 sizes of pattern boards on a single moulding machine can be used;
- lines are completed by the AMC (Automatic Moulds Conveyor) or PMC (Precision Moulds Conveyor);
- innovative system for injection of mix, which ensures uniform distribution of the mixture through the working chamber;
- complete set of automatic core setting devices.

LORAMENDI

Address: 01010, Victoria, Spain

Tel.: +34 945 184 300

Website: www.loramendi.com





FMM (Czech) has a huge experience in design and manufacture moulding equipment for foundry enterprises operating in no bake technology.

All equipment is manufactured in a single place at a factory in the Czech Republic. The factory, founded in 1996, has huge production capacities and highly qualified specialists.

FMM offers a complete range of no-bake moulding equipment:

- high-speed continuous mixers with a capacity from 1 up to 100 t/h;
- mobile mixers;
- stripping devices for flask and flask less moulds, rollovers;
- stations for moulds painting;
- manipulators for flask and flask less moulds;
- shake out grids;
- sand reclamation plants (mechanical, dynamic, and thermal).

FMM

Address: 26401, Sědlčan,
Czech Republic

Tel.: + 420 318 820 574

Website: www.fmmsro.cz





WURZELMELI

Founded in 1924, group of companies OTTO JUNKER (Germany) manufactures medium frequency induction crucible furnaces for melting, holding, and pouring of ferrous and non-ferrous metals.

Currently OTTO JUNKER group of companies includes the companies from Germany, Great Britain, the Netherlands, Spain, the Czech Republic, the USA and China with more than 800 employees and a complete and wide range of industrial furnaces.

OTTO JUNKER group of companies is a world leader in a complex industrial equipment production for the metallurgical and foundry industries:

- medium frequency induction crucible furnaces;
- automatic pouring units.

New efficient designs to lower melting costs:

- DUOMELT system. Smooth distribution of power of the frequency converter between two furnaces operating alternately;
- DUOCONTROL system. Switching the supply of 100% power between two furnaces operating simultaneously;
- Multi-frequency technology. Using multifrequency technology, the start of melting process at the optimum frequency (250 Hz) and then use a lower frequency (125 Hz) to increase the turbulence of the metal bath for alloying/carburizing of the;
- Melting processor JOKS. Provide optimal process control and reliable monitoring of the entire melting process;
- Optical system for coil protection OCP (Optical Coil Protection). OCP represents a new generation of a system for monitoring the temperature in the working area of the furnace using fiber optic sensors.

OTTO JUNKER

Address: D-52147

Simmerath-Lammersdorf, Germany

Tel.: +49 2473 601 600

Website: www.otto-junker.com



Company AHB was founded in 1989 in Steinen (Germany).

More than 30 years, AHB has been specialising in design and manufacture of the entire range of core shooter equipment.

The main task in equipment development is to achieve high quality casting cores with minimal costs for their production.

Core shooter equipment produced by AHB provides:

- high quality cores;
- high performance;
- versatility;
- reliability and maintainability;
- minimum investment and maintenance costs.

AHB

Address: 79585, Steinen, Germany

Tel.: +49 7627 924 907

Website: www.ahb-germany.com



THERMOMELT

Address: 25122 Brescia, Italy

Tel.: +39 0364 599 203

Website:

www.fornielettriciadarco.com

THERMOMELT (Italy) is engaged in design development, production and supply of arc steel-melting furnaces and various metallurgical units on a turnkey basis:

- electric arc steel-melting furnaces;
- ladle furnaces installations;
- stations for out of furnace processing;
- vacuum systems;
- dust extraction and cleaning systems.

Main advantages of equipment manufactured by THERMOMELT are:

- low level of electricity consumption;
- high power;
- minimal maintenance;
- environmental solutions.





LPM GROUP (Italy) was founded in 1989, with its headquarter in Padova.

LPM GROUP is the world's leading manufacturer of complete cycle equipment and process lines for aluminium and magnesium alloy casting.

The Group of Companies includes the following divisions:

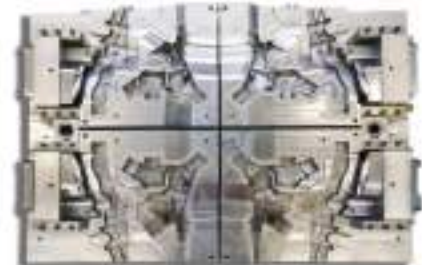
- LPM (design and construction of machines and plants for low-pressure casting of aluminium and magnesium alloys);
- GFS GRAVITY (manufacture of machines for gravity casting);
- UNIMOLDS (manufacture of moulds for casting under low pressure, gravity die castings);
- CORAM (manufacture of furnaces for aluminium alloys melting and holding, degassing plants and casting ladles).

LPM GROUP

Address: 35024, Bovolenta, Italy

Tel.: +39 049 954 5262

Website: www.lpm-it.com





YIZUMI was founded in 2002 in Guangdong province, China. Today, the company is represented in all corners of the world. The company specializes in the production of high-pressure die casting equipment and offers a complete turnkey solution including the design and manufacturing of equipment and tooling's.

YIZUMI offers 9 series of Die Casting Machines with a locking force of 180 to 4500 tons.

Cold chamber Die Casting Machines

- DM series – standard die casting machines
- DM Heavy Duty series – heavy duty die casting machines
- DMARC series – real time control series cold chamber die casting machines
- H series – precision die casting machines
- H Heavy Duty series – heavy duty precision die casting machines
- SM series – servo die casting machines

Hot chamber Die Casting Machines

- HM Series – standard hot chamber die casting machines
- HM-H Series – hot chamber die casting machines for high-precision castings
- HPM Thixomolding – machines for semi-solid metal castings

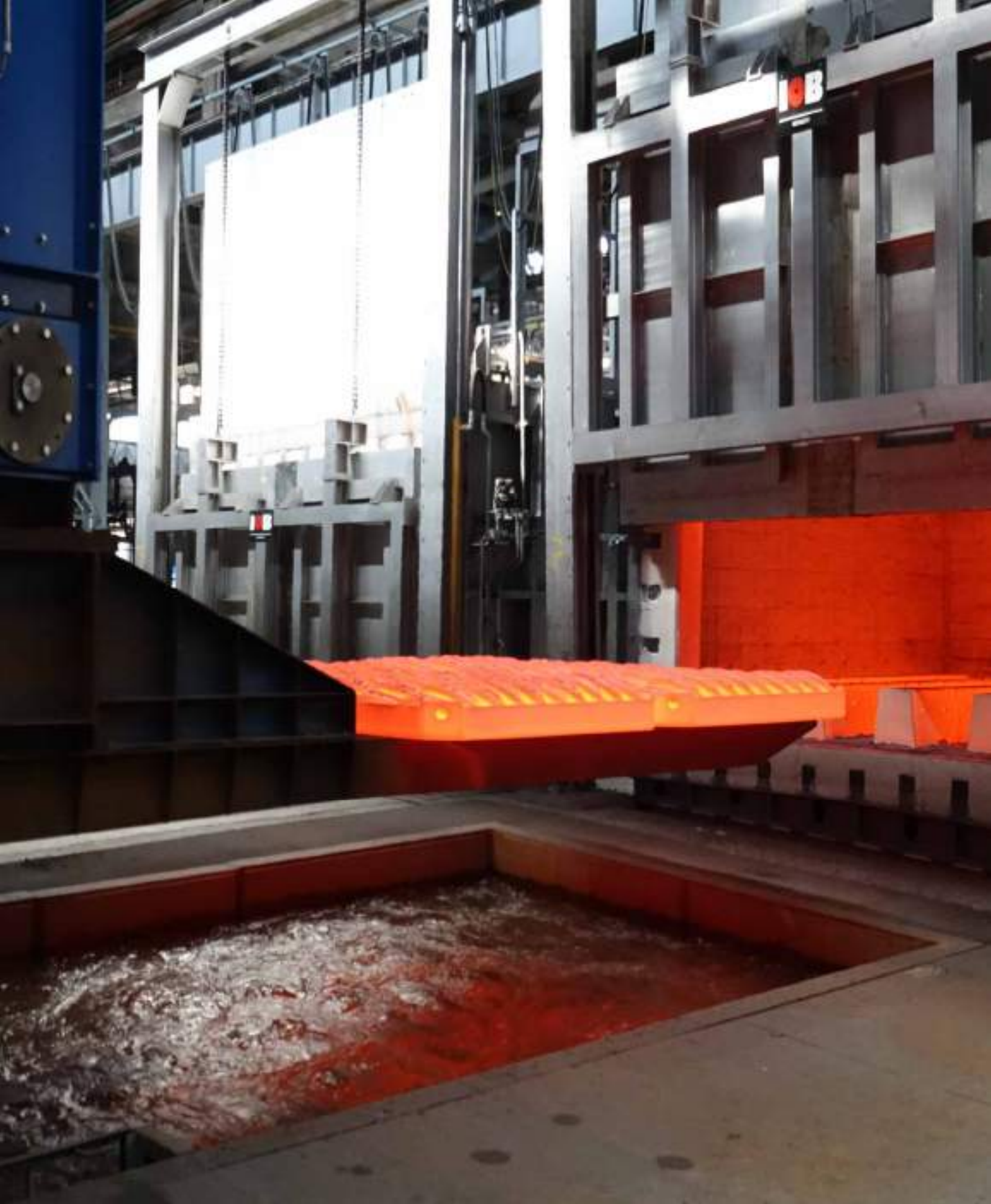
YIZUMI PRECISION MACHINERY

Address: Hi-Tech Area, Ronggui, Shunde, Foshan City, Guangdong Province, China

Tel.: +86 757 2926 2215

Website: www.yizumi.com





IOB

Address: 69469 Weinheim, Germany

Tel.: + 49 6201 94900

Website: www.iob.de



Since 1953, IOB (Germany) has been manufacturing equipment for metals heat treatment.

Company IOB produces:

- heating and thermal car-type furnaces;
- forging furnaces (carousel type, two-level furnaces);
- roller hearth and through furnaces;
- belt furnaces;
- bell furnaces;
- shaft furnaces;
- furnaces for heat treatment using protective atmosphere;
- quenching tanks;
- automatic manipulators to transfer charge between the furnaces.



STEM has three production divisions (Nova-Gorica, Tolmin, Čakovec) and specialises in equipment and technology for shotblasting. The company has more than 1,200 references worldwide.

Range of company products:

- PAP type shotblasting machines (for sheet metal and profiles processing);
- PIP type shotblasting machines (for pipes and axes processing);
- T type shotblasting machines (with a rotary table);
- TOR type throughfeedshotblasting machines (with overhead conveyor);
- KOM type shotblasting chambers (for manual cleaning);
- H type shotblasting machines (with hanging hook);
- B type shotblasting machines (drum type);
- CH type shotblasting machines (throughput type with hanging hooks);
- MC type shotblasting machines (with mesh conveyor).

STEM

Address: 5000, Nova Gorica, Slovenia

Tel.: +38 653 352 100

Fax: +38 653 001 558

Website: www.stem.si





FERROCRTALIC (Slovenia) was founded in 1964 as a manufacturer of equipment for airblasting of surfaces.

Currently, FERROCRTALIC produces:

- shotblasting pressure plants for surface cleaning;
- manual and non-manned shotblasting chambers;
- manual plants for airblasting surface hardening;
- automatic chambers with manipulators for surface cleaning and hardening;
- robotic and automatic chambers;
- plants for cleaning with dry ice;
- pressure water plants for surface cleaning.

Equipment manufactured by FERROCRTALIC is widely used:

- in aerospace field;
- in automotive and engine manufacturing;
- in nuclear power;
- in foundry.

FERROCRTALIC

Address: 8350, Slovenia

Tel.: + 386 73 845 100

Website: www.ferroecoblast.com





EVOLUT (Italy) is the largest European integrator of robotic systems in the sphere of mechanical engineering. The company works with various technological processes, offering special solutions for various tasks robotisation, including:

- processing (cutting, deburring, polishing, etc.) of steel, cast iron and aluminium casting using positioners (for large casting) or gripping the part by robot (for small casting);
- parts moving (loading / unloading of machining centres, automatic assembly, palletising), all actions can be combined and performed by a single robot;
- automation of welding processes, with the option of full automation of the parts and assembly supplied.
- machines under pressure and chill casting machines filling.

Each EVOLUT robotic system results from a complex process involving design, production and maintenance.

The company has successfully implemented more than 2000 projects worldwide in various industries for 25 years of operation.

EVOLUT

Address: 25045, Castegnato, Italy

Tel.: + 39 030 214 1193

Website: www.evolutspa.com





Andromat®

Andromat®

ANDROMAT specialises in manipulators for various use.

The main advantages of manipulators manufactured by ANDROMAT are:

- feedback system that allows the operator to control manipulator with high accuracy even when performing the most complicated tasks;
- ergonomic operator's seat with air conditioning;
- operator protection against vibrations, noise and high temperatures;
- optimal visibility due to enlarged windows;
- possibility to solve any issues in materials transportation and loading;
- use of various quick-change tooling with automated replacement and driven from manipulator (in combination with control accuracy makes it possible to conveniently handle the cargo: riser beating off, castings splitting, cutting, deburring and polishing);
- free rotation of grip by 360°.

ANDROMAT

Address: D-34127 Kassel, Germany

Tel.: + 49 561 801 6863

Fax: + 49 561 801 5775

Website: www.andromat.de



POWER HAMMER

Address: 97224 Oregon, USA

Tel.: + 503 598 9894

Fax: + 503 624 2916

Website: www.powerhammer.com

POWER HAMMER (USA) manufactures pneumatic hammers designed to separate (beat off) gates, risers and other parts of gating system.

POWER HAMMER manufactures 7 basic models of hammers differing in beating power.

Features of POWER HAMMER equipment:

- no backblow in hammer impact;
- adjustment of hammer power;
- easily replaceable hammer head;
- no need for air special preparation for hammer operation;
- no need in power supply for.



JSC ROPCZYCE-RUS (Russia) was organised in 2013 and has its own production site in Voronezh region.

The main activities of the company are refractory products and materials production for metallurgical industry.

In 2018, the company set up exothermic sleeves (shells) production for foundry risers. Sleeves are produced on a modern and fully automated line.

Currently the company produces exothermic and isothermal sleeves in various designs:

- dome sleeves;
- open and close-type cylindrical sleeves;
- oval sleeves;
- sleeves with tapered neck;
- side sleeves;
- rings for exothermic sleeves (manufactured by amine-process and from clad mixtures);
- covers for all types of sleeves.

JSC ROPCZYCE-RUS

Address: 396110,
vil. Verkhnyaya Khava,
Voronezh region, Russia
Tel.: + 7 473 200 0010
Website: www.ropczyce-rus.ru



ELKEM

Address: N-0213 Oslo, Norway

Tel.: +31 180 441 155

Website: www.elkem.com



Founded in 1904, ELKEM (Norway) is a leading global manufacturer of the modern materials based on metallic silicon:

- Nodulazers;
- Inoculants;
- Carburizers.

The headquarter of ELKEM is located in Norway and the company has 27 production sites and extensive network of representative offices throughout the world.

Particular pride of the company is its Research and Development Centre, located in Kristiansand (Norway), where the company studies the issues arising out in alloys modification.



DOERENTRUP FEUERFESTPRODUKTE (Germany) is a manufacturer of high-quality materials for induction units lining.

DFP has been manufacturing refractory products for linings of induction melting, casting and channel furnaces, holding furnaces, transporting and casting ladles, as well as tools for furnaces ramming for more than hundred years.

The product range includes:

- monolithic refractory materials;
- dry ramming mixtures;
- finished quartzite crucibles;
- insulation materials for crucible furnaces;
- insulation materials for ladles and holding furnaces;
- lining tools.

**DOERENTRUP
FEUERFESTPRODUKTE**

Address: D-32694 Dorenrup,
Germany

Tel.: +49 52 657 160

Website: www.doerentrup-feuerfest.de



VEMEK

Address: 35018, San Martino di Lupari, Italy

Tel.: + 39 049 946 1155

Website: www.vemek.it



VEMEK (Italy) has been manufacturing vents, chaplets, coolers for casting production for more than 45 years.

The product range includes:

- chaplets with round plates and 1 stem;
- chaplets with intermediate plate (type A);
- chaplets with rectangular plates;
- chaplets with intermediate plate (type B);
- chaplets with studs;
- perforated chaplets;
- self-adhesive chaplets;
- chill nails;
- coiled condensers;
- chaplets for radiators;
- special chaplets.

The use of special coatings and materials in production ensures 100% weldability of VEMEK chaplets with the metal.





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