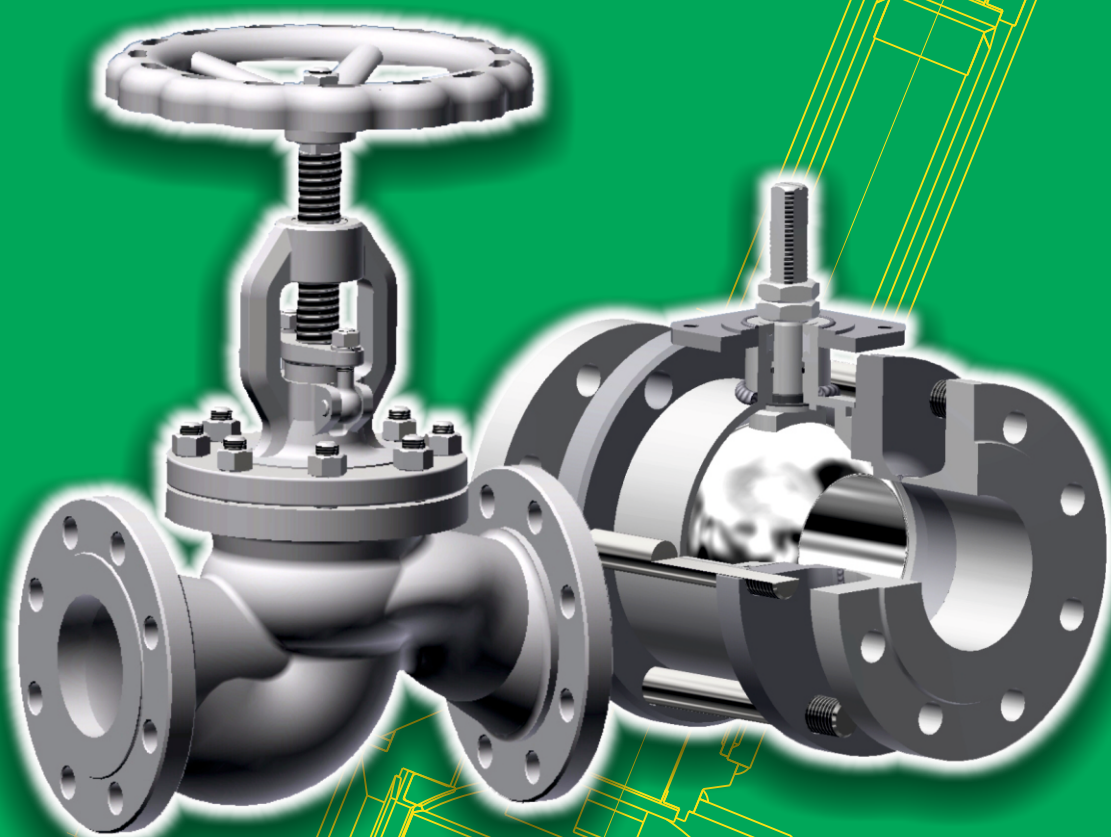


MÁTÉSZALKAI SZERELVÉNYGYÁRTÓ KFT.



Introduction of the company



Mátészalkai Szerelvénygyártó Kft.

MEMBER OF PROVENTHOLDING GROUP

H-4700 Mátészalka, Jármű út 55.

Phone: +36/44/500-860; Fax: +36/44/500-495

Web: msgkft.hu E-mail: msgkft@msgkft.t-online.hu



TÜVRheinland®
CERT
ISO 9001

Introduction

The **Mátészalkai Szerelvénygyártó (MSG) Kft.** is one of the enterprises having the longest past and largest experience of manufacturing valves in Hungary, developing and producing stringently controlled **quality valves** for numerous industrial areas.

The predecessor of the company was the Mátészalkai Szerelvénygyártó Kft. of the Ipari Szerelvény és Gépgyár, starting this activity in 1967. The company has become the property of the managers and workers in 1993 as the result of privatization. The company has its own product & manufacturing technology development apparatus with highly qualified management and experienced specialist staff.

From 8th April, 2010, MSG Kft. has continued its activity under a new directorship. The main task set by the new directorship is to have our products and services satisfy the requirements specified and expected by our customers **at the highest achievable standard.**

The motto of our company:

Reliability

Expertise

Guaranteed quality



Quality management

Our Quality Management System

MSG Kft. operates a quality management system complying with **MSZ EN ISO Standard 9001:2009** and satisfying also the requirements of Ministry of Economics Decree No. **9/2001 (IV.5.) GM (PED)** as well as of Governmental Decree No. 118/2011 (VII.11.) Korm.

The qualification of our welding plant

We pay special attention to our welding technology. All activities related to welding work (design, preparation, execution, control tests) are carried out by properly qualified specialists. The suitability of welding technologies is verified in the scope of welding procedure tests and then execution by qualified welders is approved on the basis of quality control applied for each workpiece. Accreditation is provided by an independent specialist company.

Our authority permission for the fabrication of welded structures is verified by the resolution of the Technical Supervision Agency in the Hungarian Commercial Permit-Granting Office and the qualification of our welding plant by the certificate issued by **TÜVRheinland** according to **MSZ EN ISO Standard 3834-2**.



Certifications

Company profile

Foundation (predecessor): 1967

Name: **Mátészalkai Szerelvénygyártó Kft.**

Shortened name: **MSG Kft.**

Operating form of enterprise: Limited Liability Company

Seat: H-4700 Mátészalka, Jármű út 55.

Executives: **Attila Beregszászi, László Keresztes**

Number of personnel: 83

Annual turnover: 2.6 million Euros

Total number of all valves produced to date: >2.5 million

Our references

- BORSODCHEM ZRT.
- PAKSI ATOMERŐMŰ ZRT.
- MAL ZRT.
- RICHTER GEDEON NYRT.
- MOL NYRT.
- MÁTRAJ ERŐMŰ ZRT.
- OPAL ÜZEMANYAG TARTÁLYPARK ZRT.
- MAGYAR CUKOR ZRT.
- E.ON FÖLDGÁZ STORAGE ZRT
- HUNGRANA KFT.
- FIORENTINI KFT.
- DUNAMENTI ERŐMŰ ZRT.
- HEAT-GÁZGÉP KFT.
- HAFI KFT.
- FRAMOCHEM KFT.
- PETROL KFT.



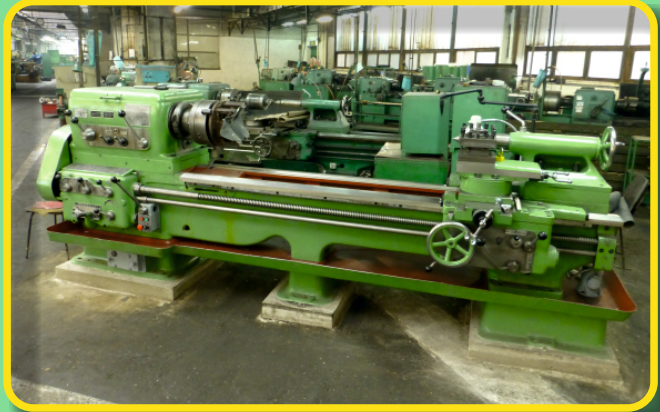
Foreign references

- PAT KIJEVGAZ (UKRAINE)
- PAT POLTAVAGAZ (UKRAINE)
- PAT ODESSAGAZ (UKRAINE)
- PAT MARIUPOLGAZ (UKRAINE)
- SLOVNAFT MONTAZE (SLOVAKIA)
- BEREZNYIKOVSKIJ SZODUVUJ ZAVOD (RUSSIA)
- HEINEKEN (RUSSIA)
- PERMGAZ OAO (RUSSIA)
- TNG TAMANYEFTYEGAZ ZAO (RUSSIA)

Presentation of enterprise

Manufacturing shed, factory

- Total floor area of factory site: 38,785 m²
- Built-up area: 11,730 m²
- Welding shop: 200 m²
- Machining shop: 3,770 m²
- Assembly shop: 400 m²
- Painting shop: 100 m²



Warehouse

Constant store value: 0.8 million Euros

- Shelf-system storage: 350 m²
- Bar materials storage: 750 m²



Our valve depot

Finished products ordered from MSG Kft. can be collected personally not only at our site but also at the heart of the country, in our Budapest depot awaiting our esteemed customers in a nearly 1200 m² large area.

Our depot is located directly adjacent to Motorway M3 and thus can be approached quickly and easily.



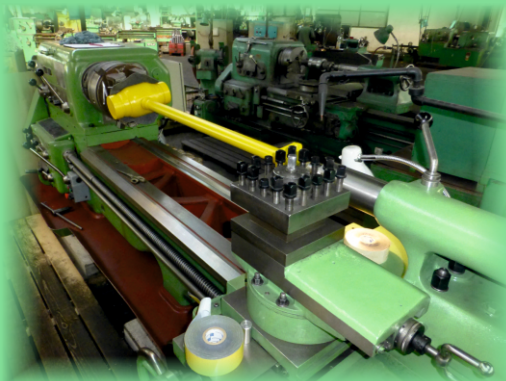
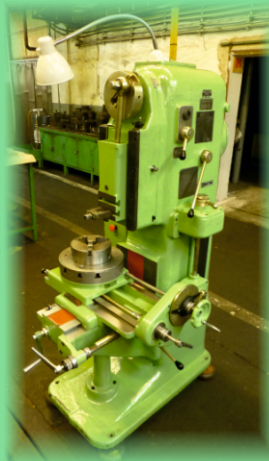
Material conditions of the plant

Machining tools & equipment

Beyond ongoing maintenance and reconditioning activities our company places great emphasis also on the procurement of new equipment.

The machining tools and equipment available at our plant currently:

- Cutting machines: five (5)
- Milling machines: six (6)
- Drilling machines: seven (7)
- Lathes: forty seven (47)
- Pressing machines: five (5)
- Grinding machines: three (3)
- Other special-purpose machines: five (5)



Lifting equipment & load-bearing capacities

- Gas-engine fork-lift truck, 3 t capacity: one (1)
- Gas-engine fork-lift truck, 1.5 t capacity: one (1)
- Bracket lifting gears, 0.25 t capacity: four (4)
- Electric winch, 0.25 t capacity: one (1)
- Mobile booms, 0.1 t capacity: two (2)
- Mobile boom, 0.5 t capacity: one (1)



Material conditions of the plant

Welding, rotating & cutting equipment

- *Welding equipment:*

COMMANDER BDH 550 + KT 140 MIGATRONIC (MIG-MAG)
DynaMig 335 + KT 340 MIGATRONIC (MIG-MAG)
DynaMig 405 + KT 340 MIGATRONIC (MIG-MAG)
FLEX-XMI-400 + MWF 10 MIGATRONIC (MIG-MAG)
TIGMAN 200 HP MIGATRONIC (TIG)
PLAZMAFIX 50 E (Microplazma)
MIG-300
MIG-422



- *Rotating equipment:*

DB 1250 TYPE 1001 MIGATRONIC
DB 1250 TYPE 1002 MIGATRONIC
DTH 120
G-07-1522 (MSG product)
G-07-1525 (MSG product)
ROTA 100
ROTA 102



- *Cutting equipment:*

PDX-85 MIGATRONIC plasma cutting
SPARCON 1200 MIGATRONIC plasma cutting
PLAS 140 WELD-IMPEX plasma cutting
Propane-butane cutting torch



Material conditions of the plant

Heat-treating equipment

- Electrically heated chamber furnaces: two (2)
- Oil-quenching bath: one (1)
- Water bath: one (1)



Material testing equipment

- Tensile strength tester: ZDHMh 30 000 DIMÁVAG
- Pendulum impact tester: ÜT 30 – 2 IGV
- Rockwell – Brinell hardness testers, Model KP 15 002: two (2)
- Ultrasonic thickness meter: Krautkramer Model WM 2



Packaging & shipping

Packaging of our products

We package our products with the customer requirements taken into consideration as well as the highest attention and care. Smaller size valves are shipped in boxes and larger size ones on pallets under protective shrink foils.

As necessary (e.g. in the case of extended stem ball valves) custom-made shipping cases are made for packaging our products in order to ensure **safe & damage-free transportation**.



Transportation vehicles & load-bearing capacities

Based on customer requirements our services include the organization of transportation and the completion of delivery as well, respectively. We have established our motor vehicle fleet for accomplishing this task by enabling us to undertake the delivery of our products **to our customers** from the smallest to the largest valves even in larger batches.

- IVECO truck, 4.3 t capacity
- FIAT DUCATO truck, 1.5 t capacity
- OPEL VIVARO van, 1.1 t capacity
- FORD TRANSIT van, 0.6 t capacity
- FORD C-MAX car



Quality system

Compliance of our products in respect of quality requirements

MSG Kft. manufactures its products in compliance with the requirements of Ministry of Economics Decree No. **9/2001 (IV.5.) GM**, i.e. the **PED (97/23/EC directive)**. This regulation applies to all designer, producer, distributor & importer organizations who designs, produces or sells pressurized equipment & systems and simple pressure vessels in which the highest permissible operating pressure (PS) exceeds 0.5 bar.

We **perform risk assessment** in every case with the design of our valves and possible requirements of their use as well as the physical & chemical properties of the handled fluid taken into consideration.

We **classify our products in categories** on the basis of the contents (hazardous or non-hazardous), the nominal diameter & maximum permissible operating pressure (PS) and then **carry out compliance evaluation** as the function of the classification category.

The quality certification of our valves is provided by the issue of an “Expert Quality Certificate” for each in accordance with **Section 3.1 of MSZ EN Standard 10204**.

We enclose with our products a **Statement of CE Compliance** (if classified in the appropriate category) as well as **Operating & Maintenance Instructions** and mark the products with **CE stamps**. The **CE mark** is attached to the products classified in the categories specified by Ministry of Economics Decree No. **9/2001 (IV.5.) GM**. In the case of products classified in Categories II & III the identification number of the reported organization involved in the specific phases of inspection & testing. In the case of MSG Kft. this number is **1008**, identifying the **TÜV Rheinland InterCert Kft.**

For some of our products in natural gas service a certificate is available the existence of which enables delivery to **Ukraine**. Certificates UA1.013.0181163-11 & UA1.013.0085473.11 issued by accreditation company **ДПІ СБЦОО** verify the compliance of our products with the regulations of the Ukrainian market.

MSG Kft. undertakes the following guarantee terms

In the case of series products listed in our catalogue:

- **24 months** from the shipping date for ball valves
- **12 months** from the shipping date for globe valves
- The requirements of Section 3.1.4.2 of Hungarian Standard MSZ 11413/3-79 - specifying the maximum number of open-close operations as the function of the nominal size – must be taken into consideration for valves in gas service
- **12 months** from the shipping date for custom-made products

Our products

Detailed information about our products may be found in our continuously expanded **Catalogue** and Development Report.

Valves **not included in our Catalogue** but available on request are as listed below (without any claim to completeness):

Globe valves

- With PTFE sealing for air & gas service,
- With sphere-and-edge sealing for air & gas service,
- With bellows safety sealing,
- In car seal design,
- With position indicator.



Ball valves

- In full flow-through cross-section versions,
- In designs suitable for gas service,
- In graphite-sealed design ensuring fire-safety by preventing leakage to the environment,
- Extended stem-and-gland design in versions enabling insulation,
- With various installation length and connections,
- With seals suitable for oxygen service and previous degreasing,
- In car seal design,
- Fitted with position transmitters,
- In heating jacket design,
- Extended stem ball valves (in mountable & welded designs, also fitted with drive gear),
- In three-way design.



Check valves

- With PTFE or rubber sealing,
- With metal-to-metal sealing for air & gas service,
- Installed between flanges having different connections,
- In piston-braked design for liquids.



Other appliances

- Solid contaminant strainers with (metal screen cloth) filter inserts in various sizes gauge nozzle & drain cock;
- Solid contaminant filters in designs suitable for gas service;
- Air intake & vent with different connections;
- INDEX liquid level indicator in designs suitable for gas service with various installation lengths & connections, level glass with protective tube.

Other products

Additional valves commonly on demand

- Valves fitted with electrical or pneumatic drives complete with various controllers and remote indication (transmitters)
- Valves meeting ANSI standard specifications with flanged and NPT threaded connections
- High-pressure valves up to **PN 160** pressure rating

In addition to the above we are willing to be at the disposal of **our esteemed customers** with the production of other **custom-made** valves fitting our product range for meeting special requirements.



Our services

Valve overhaul & maintenance

Our most important partners require the **overhaul** of their valves as well as of the sub-assemblies & components of those on an ongoing basis. MSG Kft. is worthily proud of the capability to undertake the **high-quality renewal** of almost any size & type valve with **guarantee** and short delivery time.

Most frequently we carry out the overhaul of globe & ball valves, spherical plugs, steam pressure reducers, gate & butterfly and check valves, dampers & miter-plug valves as well as **custom-made special valves**.



Renewal of ball valves



Renewal of globe valves



Renewal of gate valves

We undertake 6 months guarantee from the shipping date for the overhauled valves and sub-assemblies.

We have extended this service also to local renewal performed at the sites of our partners.

Please do not hesitate to contact our company for additional information from our representatives at the following accessibilities.

Our accessible representatives

Director

Attila Beregszászi

Mobile: +36/30/945-0528

Director

László Keresztes

Mobile: +36/30/943-4922

Acting Manager of Production

János Herdon

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Sales Deputy Manager

Péter Erdei

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Chief Engineer of Quality Management

Lajos Kedves

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Mechanical Engineer**Chief Engineer of Development**

László Turi

Mobile: +36/30/995-4678

Quality Control Engineer

Norbert Ács

Mobile: +36/30/983-3151

Head of Material Management Department

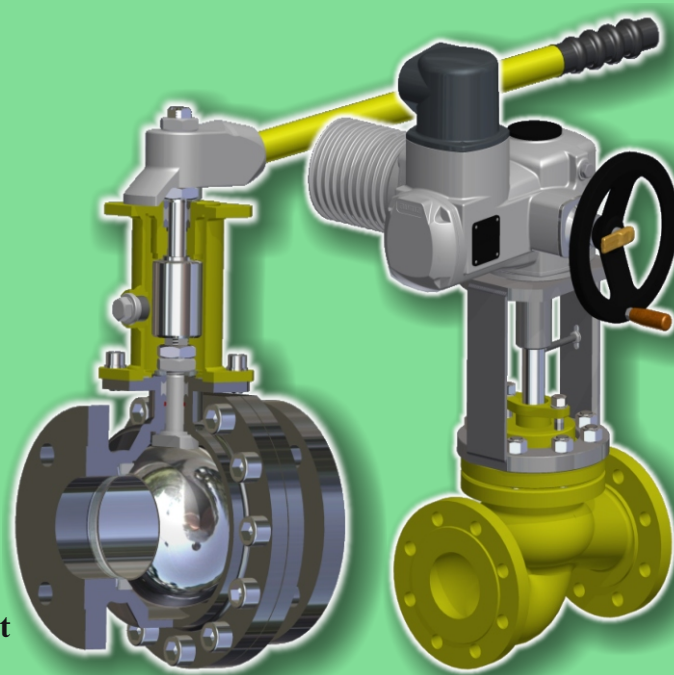
Imre Illyés

Mobile: +36/30/995-4680

Head of Accounting section

Zoltánné Kötél

Mobile: +36/30/525-4298



Thank your for honoring us with your reliance on our prducts and
choosing high-quality MSG Kft. valves.