Luma
Automation

Luma Automation Group

PRESENTATION

2026



Luma Automation
as core assets of the Luma Holding Group

Luma Automation

Luma Holding

Luma Metallurgical Industry

Ferroalloys producer

RE ALLOYS
RENEWABLE ENERGY ALLOYS

Luma Africa

Tin producer

LuNa Smelter

Trade company

HAMERKOP

Trade company

Luma Congo

Luma Automation

Cast iron foundry

KUTNO FOUNDRY
powered by Luma Automation

Aluminium and zinc foundry

SAGA POLAND
powered by Luma Automation

Metal stamping

POSTEP
powered by Luma Automation

Precision CNC metalworking

IRON-TECH
powered by Luma Automation

Aluminium foundry

ALUDESIGN
powered by Luma Automation

Luma Ventures

FinTech, Accounting AI

Cash Director

FinTech

ALGOLYTICS

ClimateTech

KCOD | KRAJOWE CENTRUM DANYCH OTWARTYCH

FinTech

CMD | Centrum Monitoringu Danych

EduTech

NUADU

Luma Leveraged Buyout

Personal Protective Equipment

PROTEKTOR

Real Estate

Hotel

POD JEDLAMI
HOTEL

Services Companies

Service company

Luma Services

New research projects

EUROPEAN SOLUTIONS

Insurance broker

EON BROKERS

Trade company

Luma Trading



Luma Automation

Luma Automation

Luma Automation is a trusted partner of the world's largest OEMs present in several industry segments.

Our companies specialise in precision metal manufacturing and processing, serving both international automotive and machining clients, as well as fast-growing small family businesses.

Today, the market shows growing demand for complex parts of reduced mass, increased strength and enhanced energy absorption. Luma Automation responds to this need with constant growth and by expanding its offer with new products and solutions. In cooperation with companies from Luma Ventures portfolio and the scientific community, companies of Luma Automation develop new materials and implement innovative production technologies. By investing in local businesses, we create opportunities for successful new business endeavors.

OUR PORTFOLIO

POSTEP powered by Luma Automation
Metal Stamping

SAGA POLAND powered by Luma Automation
Aluminium & Zinc Foundry

KUTNO FOUNDRY powered by Luma Automation
Iron Casting Foundry

SAGA TOOLS powered by Luma Automation
Toolshop

IRON-TECH powered by Luma Automation
Metal CNC Manufacturing

ALUDESIGN
Aluminium Foundry

Our Competences

Our competences

Poland	**Gray and ductile iron castings**
Poland	**Zinc and aluminium castings**
Poland	**Aluminium profiles parts**
Poland	**Metal stamping parts**
Poland Hungary	**Machining**

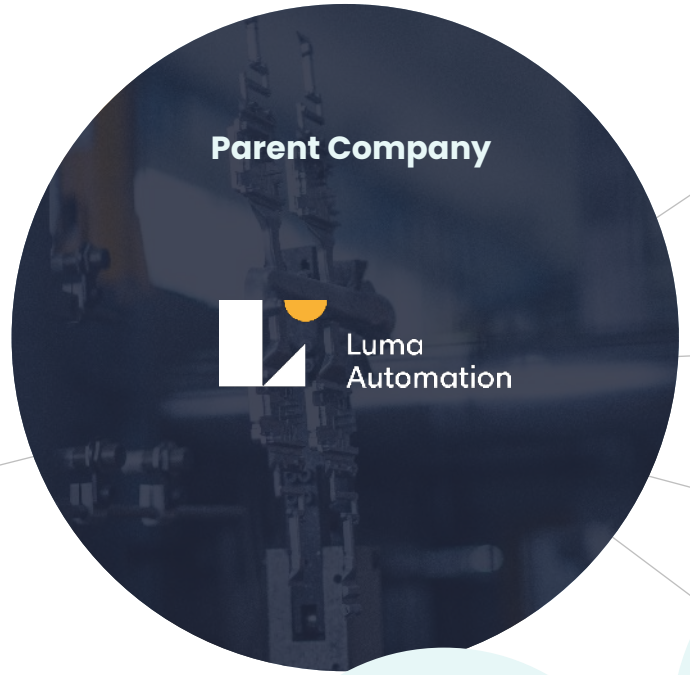
Our comprehensive service

- ✓ **Designing & modeling**
- ✓ **CNC machining**
- ✓ **Heat treatment**
- ✓ **Coating, including cataphoresis**
- ✓ **Assembling**



Luma Automation – CEE market leader in precision metal manufacturing with a clear strategy for growth

We are looking for companies which would like to increase profits, develop faster and more efficiently than their competition, and who would like to create sustainable value for the region and society. We are interested in supporting companies from Central and Eastern Europe, and the Balkans.



ALUMINIUM & ZINC FOUNDRY

SAGA POLAND powered by Luma Automation

ALUMINUM FOUNDRY

ALUDESIGN powered by Luma Automation

METAL PROCESSING

TARGETS 1-5

IRON CASTING FOUNDRY

KUTNO FOUNDRY powered by Luma Automation

METAL CNC MACHINING

IRON-TECH

METAL STAMPING

POSTEP powered by Luma Automation

Luma Automation companies as of 2025 (I/II)

LA **integrates** SMEs in precise manufacturing that specialise in metalworking

SAGA POLAND powered by Luma Automation

- Teresin, Poland
- Fast-growing aluminium and zinc foundry.
- Tier 2 supplier.
- The company offers comprehensive services of components production: from the preparation of moulds, casting of parts, surface treatment, to cataphoretic and spray painting.
- Location near A2 motorway and three airports (WAW, WMI, LCJ).

Industries served :

Automotive industry
Household appliances industry
Furniture industry

Selected customers

BMW, Porsche, Bentley, Aston Martin, Nordglass, Saint-Gobain, GKN

KUTNO FOUNDRY powered by Luma Automation

- Kutno, Poland
- One of the largest Polish iron casting foundries, producing grey and spheroidal iron.
- Tier 2 and 3 supplier.
- The company provides a full range of services, including draft preparation of technical records, moulding, casting, machining, painting, completion and delivery. Its production lines enable vertical and horizontal processing.
- Over 40 years of experience.
- Location near A2 and A1 motorways.

Industries served :

Automotive industry
Machine industry
Railway industry
Agricultural industry
Shipyard industry
Defence

Selected customers

Fiat, Husqvarna, Volvo, Renault, Iveco, Perkins, AGCO, Caterpillar

ALUDESIGN powered by Luma Automation

- Gorzów Śląski, Poland
- Innovative aluminium foundry with years of expertise
- Tier 1 supplier.
- The company provides comprehensive services in component manufacturing: from mould design and casting, through machining and surface treatment, to advanced finishing and assembly solutions.
- Its location in southern Poland ensures convenient access to major road networks and nearby international airports, facilitating efficient logistics and distribution.

Industries served :

Furniture industry
Household appliances industry
Automotive industry

Selected customers

Nowy Styl Group, Wilkhahn, König+Neurath, Weber, bene, VS, DEDON, Bentley

Luma Automation companies as of 2025 (II/II)

LA integrates SMEs in precise manufacturing that specialise in metalworking

POSTEP
powered by Luma Automation

- Gliwice, Poland
- Mass manufacturer of a wide range of elements made of pipes, steel sheet and strips.
- Tier 1 and 2 supplier.
- The company is an expert in stamping (main activity), assembling and tube processing.
- Modern machine park enables stamping, bending, cutting, moulding, welding, riveting.
- 70 years of experience.
- Location near A4 and A1 motorways and three airports (KRK, KAT, WRO).

Industry served:

Automotive industry
Houshold appliance industry
HVAC

Selected customers

ADIENT, faurecia, CAMACO, Volkswagen, TENNECO, DELPHI, MAGNETI MARELLI, FIAT

IRON-TECH

- Szigetvár, Hungary
- Metal processing and metal precision parts manufacturing.
- Modern machining park.
- Environmentally friendly technology.
- Over 20 years of experience.

Industries served :

Automotive industry
Rail Industry
General Industry

Selected customers

DENSO, B/S/H/, KNORR-BREMSE



Quality control

Luma Automation

3D scanner + technical support by LENSO Company	Hardness & Roughness testers	CMM Machine	
Chemical composition of initial materials and metal used in production	Castings microstructure	Tensile strength of cast iron Rm	Porosity control by RTG
Castings hardness HB	Impact (impact resistance) in a room temperature and negative temperature (-20°C) & Charpy hammer test	Non-destructive tests with the use of ultrasonic tests	

CERTIFICATES

ISO 9001:2009 · ISO 14001 · ISO 45001 · IATF 16949

Our markets

Luma Automation

AGRICULTURE	AUTOMOTIVE	ARCHITECTURE & FURNITURE	ACTUATOR-BASED HYDRAULIC	DEFENSE INDUSTRY
ENERGY INDUSTRY	ESCALATORS & ELEVATOR	HOUSEHOLD APPLIANCES	HYDRAULICS FILTRATION	HYDRAULIC FITTINGS
HVAC	LIFTS	MARINE INDUSTRY	MECHANICAL ENGINEERING	MINING AND TRANSSHIPMENT INDUSTRY
OFF- HIGHWAY	PUMPS & VALVES	RAILWAY	WATER DRAINAGE	WIND FARMS

Possible lines of collaboration

Luma Automation

STAMPING
aluminium, stainless steel, steel

TUBE PROCESING
bending, laser cutting

CAST IRON
grey, ductile, SiMo

CNC MACHINING
aluminium, stainless steel, steel, cast iron, bronze

DIE CASTING
aluminium, zinc-aluminium

SURFACE PROCES TREATMENT, CATAPHORESIS, ASSEMBLY, LOGISTIC
and many additional services



01

ZM POSTĘP



Machine park

Stamping

TONNAGE RANGE

Presses for transfer tooling	400T, 500T, 1000T
Presses for progressive tooling	100T ÷ 1000T
Manual presses (without feeder)	25T ÷ 400T

MAXIMUM COIL

ϕ2200 mm, 16T

COIL THICKNESS RANGE

MATERIAL GRADES

Unalloyed CR and HR steel:
S355MC-S700MC, DC01,
HC340LA, DD11, DD13, S235JR

Coated steel:
DC03 ZE 25/25, DX52D-AS

Stainless steel:
1.4301, 1.4509, 1.4510

Aluminium:
AW 3003, AW 5754
with/without CLAD

PRESSES TABLE SIZE

4000×1700 mm
3600×1600 mm
3000×1500 mm
2500×1400 mm

POSTEP
powered by Luma Automation





Machine park

Tubes processing

CNC BENDING MACHINE BLM ELECT

Maximum diameter of tube	ϕ52 mm

CNC BENDING MACHINE BLM E-TURN

Maximum diameter of tube	ϕ40 mm

FIBER LASER BLM LT5

Maximum diameter of tube	ϕ120 mm
Maximum length of tube	6500 mm

BLADE CUTTER ADIGE

Maximum diameter of tube	ϕ120 mm
Maximum length of tube	6500 mm



Machine park

Assembly

2x WELDING ROBOTIC STATION PANASONIC

WELDING ROBOTIC STATION ABB

6x MANUAL WELDING MACHINES

SPOT WELDING AUTOMATIC STATION

4x MANUAL SPOTWELDING MACHINES

2x RADIAL RIVETING MACHINE





Product examples

POSTEP
powered by Luma Automation

Steel elements





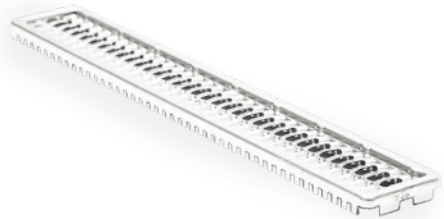
Elements of coated and galvanized materials





Aluminium elements





Stainless steel elements





Quality management

POSTEP
powered by Luma Automation

Various control methods at every stage of the production process guarantee high quality and repeatability of product parameters.

Quality in accordance with industry standards with

IATF 16949:2016

and ISO 9001:2015

QUALITY CERTIFICATES

We have own fully equipped laboratory

CMM MEASUREMENT MACHINE ZEISS CONTURA G2 ZEISS WCM 850	**MACROGRAPHY LAB**
TENSILE STRENGTH MACHINES	**MEASUREMENT PROJECTOR**
MEASUREMENT OF ROUGHNESS, PRESS FORMABILITY	**CALIPERS, ALTIMETERS**

02

KUTNO FOUNDRY



Short overview

PRODUCTION MATERIALS

GRAY CAST IRON

acc. to EN 1561					
Collection based on tensile strength Rm			*Collection based on hardness HB*		
EN-GJL 200	EN-GJL 250	EN-GJL 300	EN-GJL HB 155	EN-GJL HB 175	EN-GJL HB 195
			EN-GJL HB 215	EN-GJL HB 235	EN-GJL HB 255

DUCTILE CAST IRON

acc. to EN 1563					
EN-GJS 400-18LT	EN-GJS 400-15	EN-GJS 450-10	EN-GJS 500-7	EN-GJS 600-3	EN-GJS 700-2

SiMo CAST IRON (silicon-molybdenum)

acc. to EN 16124	
EN-GJS-SiMo 40-06	EN-GJS-SiMo 40-10

KUTNO FOUNDRY
powered by Luma Automation

PRODUCTION COMPETENCES

- Technology & design
- Tooling
- Production
- Surface treatment
- Machining
- Painting
- Quality control
- Warehouse and logistics



Product examples

KUTNO FOUNDRY
powered by Luma Automation

Drivetrain elements



Exhaust system elements



Brake system elements



Gear box housing



Defence



KUTNO FOUNDRY
powered by Luma Automation

Kutno Foundry has:

- concession No. B-067/2024 of the Ministry of the Internal Affairs and Administration for conducting business activities in the field of production and trade in explosives, weapons, ammunition and products and technology for military or police purposes;
- certification in the scope of the Internal Control System authorizing to conduct foreign trade within the scope of the concession;
- verified possibility of producing 120 mm mortar shell bodies using cast iron technology in the amount of 20,000 pieces per month "immediately", with the possibility of increasing up to 40,000 pieces per month (the type of ammunition used, among others, in the "RAK" self-propelled mortars).



MINISTER SPRAW WEWNĘTRZNYCH I ADMINISTRACJI

KONCESJA

Nr ...B-067/2024...

Quality management

Ensuring production process safety, high-quality products, and customer satisfaction are our priorities, as well as the priorities of all facilities within the Luma Automation group.

Our overarching goal is to meet the requirements of our clients, including the most demanding ones, through the continuous improvement of the quality of our products and services.

Main quality initiatives:

1. Monitoring each stage of production.
2. Analysing all detected product and process non-conformities.
3. Manufacturing based on client-approved design and technological documentation, along with measurement certifications.
4. Supplier qualification, procurement of production materials, and their continuous development.
5. Supervising control and measurement equipment.

SERVICES PROVIDED BY TEST LABORATORY

- ✓ 3D scanning
- ✓ CMM measurements
- ✓ Supervision over the control and measuring equipment, callipers micrometre's
- ✓ Cast iron chemical composition analysis – spark spectrometer









03

IRON-TECH



Machine park

Machinery division

- 5 409 m^2 shop-floor area
- CNC turning-machines and CNC machining centres
- Manufacturing of parts to brake systems, hydraulic systems, pump systems, agriculture and commercial vehicles

MACHINES

- CNC Horizontal machining centres: 25 pcs.
- CNC Vertical machining centres 3ax: 2 pcs.
- CNC Vertical machining centres 5ax: 3 pcs.
- CNC Horizontal lathes: 12 pcs.
- CNC Vertical lathes: 3 pcs.
- CMM: 5 pcs
- Washing machine: 2 pcs



Machining plant



Raw material warehouse



Turning plant



Machining plant

Machine park

Automotive division

- Growing up to 2 200 m^2 shop-floor area with a brand new area
- The product is: machinned parts to passanger vehicle's engines, drivetrain systems, fuel systems, electric cars

MACHINES

- CNC Vertical Machining Centres: 19 pcs.
- CNC lathes: 36 pcs.
- CNC Grinding machines: 7 pcs.
- CNC Horizontal Machining Centres: 2 pcs
- Deep Hole Drilling Machine: 1 pc
- Induction Hardening Machine: 1 pc
- CMM: 2 pcs
- Washing machine: 3 pcs

IRON-TECH
powered by Luma Automation








Product examples

IRON-TECH
powered by Luma Automation

Products of the machinery division



Products of the automotive division



Quality management

IRON-TECH
powered by Luma Automation

ISO 9001:2015



Certificate

SYS CERT Rendszertanúsító Kft. hereby certifies that

IRON-TECH Kft.

H-7900 Szigetvár, Dencsházai utca 12.
H-7900 Szigetvár, Dencsházai utca 994/20 hrsz.

Has established and operates a quality management system for the following scope

Metal processing, part manufacturing

The audit performed by SYS CERT Rendszertanúsító Kft. has verified, that the quality management system complies with the requirements of

MSZ EN ISO 9001:2015

Not applicable standardrequirements:
8.3.

Date of the Certificate: 20.02.2023.

First certification date: 21.02.2014.

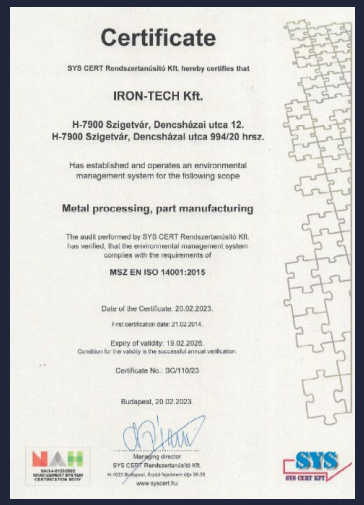
Expiry of validity: 19.02.2026.
Condition for the validity is the successful annual verification.

Certificate No.: SC/110/23

Budapest, 20.02.2023.

Managing director
SYS CERT Rendszertanúsító Kft.
H-1025 Budapest, Arpád fejedelem útja 26-28.
www.syscert.hu

ISO 14001:2015



Certificate

SYS CERT Rendszertanúsító Kft. hereby certifies that

IRON-TECH Kft.

H-7900 Szigetvár, Dencsházai utca 12.
H-7900 Szigetvár, Dencsházai utca 994/20 hrsz.

Has established and operates an environmental management system for the following scope

Metal processing, part manufacturing

The audit performed by SYS CERT Rendszertanúsító Kft. has verified, that the environmental management system complies with the requirements of

MSZ EN ISO 14001:2015

Date of the Certificate: 20.02.2023.

First certification date: 21.02.2014.

Expiry of validity: 19.02.2026.
Condition for the validity is the successful annual verification.

Certificate No.: SC/110/23

Budapest, 20.02.2023.

Managing director
SYS CERT Rendszertanúsító Kft.
H-1025 Budapest, Arpád fejedelem útja 26-28.
www.syscert.hu

IATF 16949:2016



CERTIFICATE

Certificate Registration No.: 12 111 70390 TMS / IATF Certificate No.: 0598719

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that the organization

Iron-Tech Kft.
7900 Szigetvár
Dencsházai út 12
Hungary
(IATF USI: C2KG34)

for the scope

Metal processing, part manufacturing
(without Product Design as per Chapter 8.3)

has established and applies a Quality Management System.
An audit was performed and has furnished proof
that the requirements according to

IATF 16949
First Edition 2016-10-01

are fulfilled.

Issue date: 2026-01-29
Expiry date: 2029-01-28

Fred Wenne
Head of Certification Body
Munich, 2026-01-29

Page 1 of 1

TÜV SÜD Management Service GmbH • Zertifizierungsstelle • Ridlerstrasse 57 • 80339 München • Germany
www.tuvsud.com/de-certificate-validity-check

TÜV

Quality assurance is in the focus of our company – the supplier must meet strict requirements.

Quality assessment, process development, and the efficient documentation system are achieved thanks to the standards.

CMM MEASUREMENT MACHINE ZEISS CONTURA (4 pcs) WENZEL LH87 (3 pcs) RENISHAW (1 pc)	**MANUAL CLEANLINESS TEST LAB**
HARDNESS TESTER (HB; MICRO WICKERS)	**MEASUREMENT PROJECTOR**
MEASUREMENT of ROUGHNESS	**MEASUREMENT of CONTOUROGRAPH**

04

SAGA POLAND



Short overview

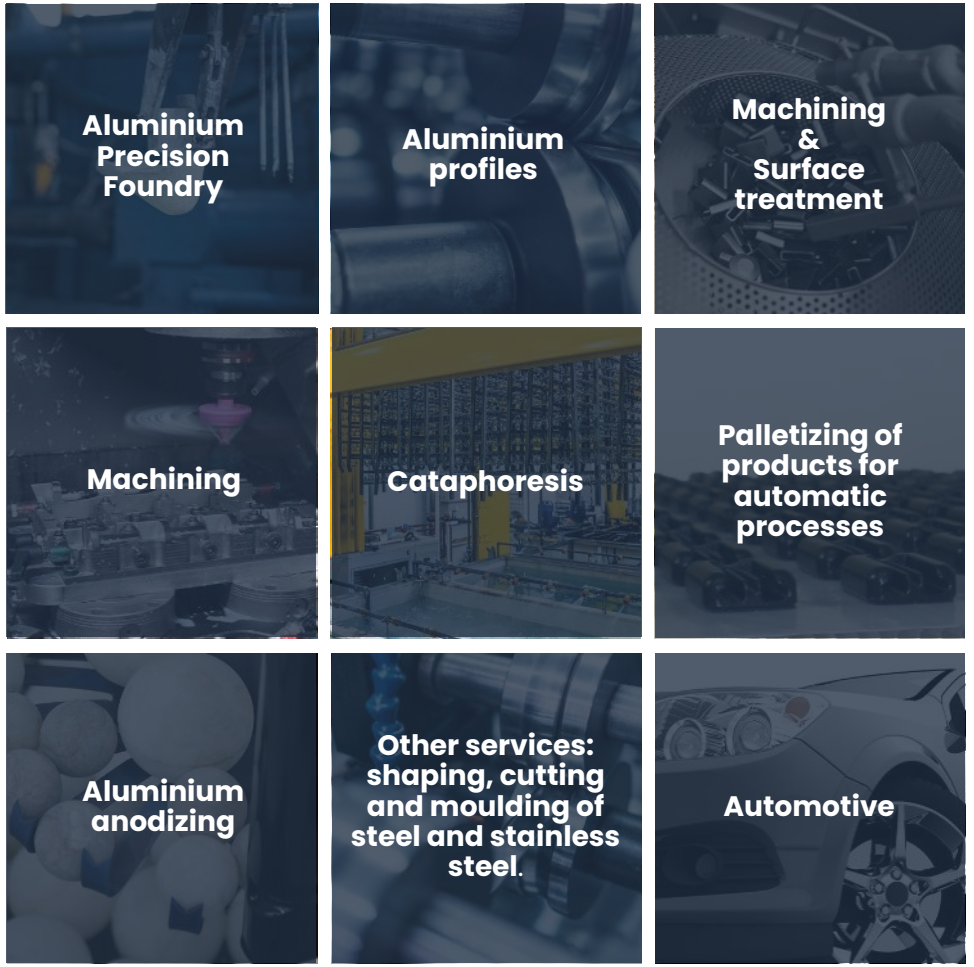
Saga Poland is a manufacturer of ready subassemblies used mainly in the automotive industry, white goods, and HVAC.

The company offers comprehensive services of components production: casting moulds preparation,

- **COLD CHAMBER CASTING** aluminium alloy die-casted parts:
  - Materials: AL43500; AL44200; AL44300; AL47100; AL4600
  - Machines: Colosio 560t, Frech 380t, Frech 510t, LK Machinery 580t
- **HOT CHAMBER CASTING** zinc alloy die-casted parts:
  - Materials: ZL2 (ZnAl4Cu3); ZL3 (ZnAl4); ZL5 (ZnAl4Cu1)
  - Machines: Frech 125t, Frech 63t
- **KTL / CATAPHORESIS** (e-coating): bath size: 2250x1300x1300mm
- **ANODIZING:** bath size: 300x500x600mm
- **CNC MACHINING:**
  - Doosan DNM 6700 & 650 II – 4 pcs
  - Doosan NX 6500II - 1 pc
  - Doosan DNM 5700 – 1 pc
  - HAAS ST20Y-NGP-R – 1 pc
  - Tsugami B0205E II CNC – 1 pc
- **STRUCTURAL BONDING TAPE** application on produced part
- **SURFACE TREATEMENT**
- **QUALITY INSPECTION**
  - X-ray Bosello – SPE HEX 50-70 CNC
  - CMM - AXIOM T00 640-600-500
  - Spectrometer SPECTROMAXx LMFO7
  - scanner 3D - ATOS COMPACT Scan Rev.01

SAGA POLAND powered by Luma Automation

OUR OFFER



Saga Poland Sp. z o.o. has been a reliable and trusted partner of the largest automotive companies all over the world for many years.

Product examples

SAGA POLAND powered by Luma Automation

Zinc and aluminium castings

USB HUB HOUSING



LIFTER



INFOTAINMENT HOUSING



SCREEN HOUSING



Aluminum profiles parts

CAR WINDOW BRACKETS



CABIN FILTER HOUSINGS



SIDE GLASS BRACKETS



Quality management

Quality and the production process safety are the priorities of Saga Poland and all the Luma Automation plants.

Each stage of the production process is controlled acc to statistical process control SPC allowing ongoing detection of possible irregularities and their immediate and successful elimination.











05

ALUDESIGN



Short overview

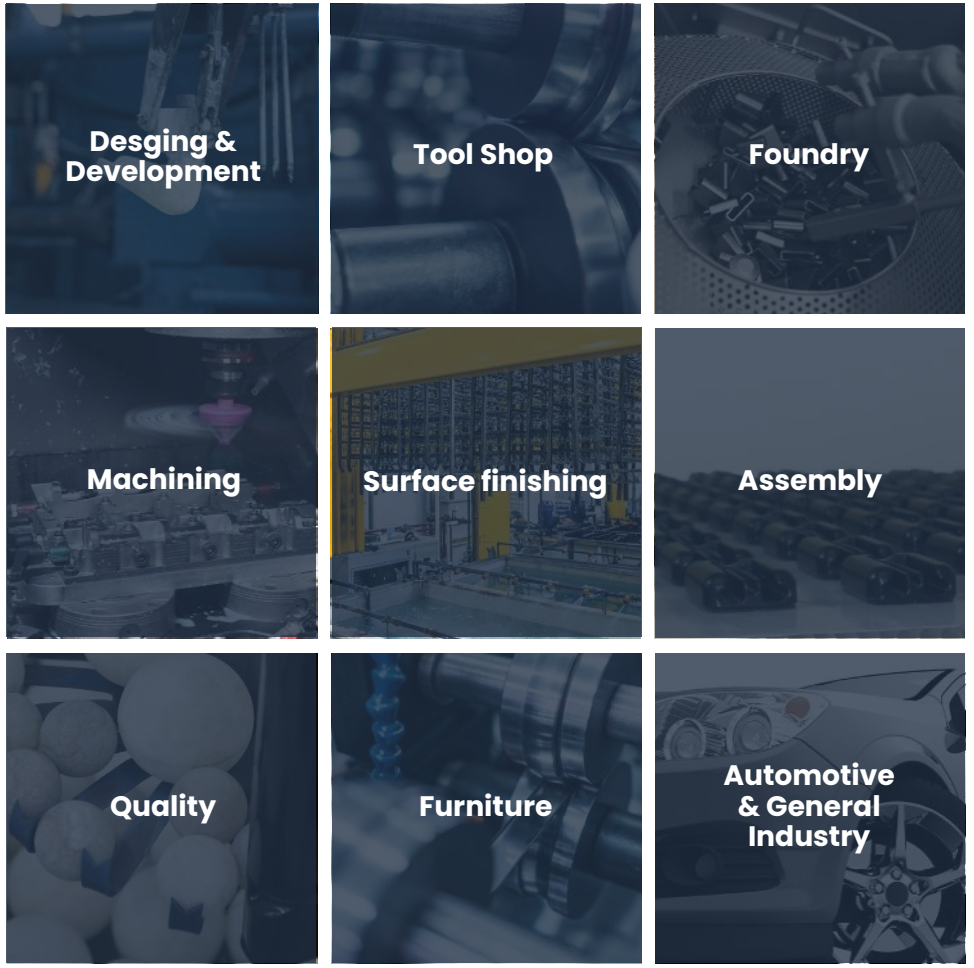
Aludesign is a modern aluminium foundry with over 20 years of experience in aluminium die casting. It employs around 130 specialists and operates a 6,500 m² production facility with a 2,000 m² office area

The company offers comprehensive services of components production: casting moulds preparation,

- **Comprehensive Project Support**:
  - Design and development of casting molds (3D/2D, Siemens NX modeling, ProCast simulations)
  - Construction, adaptation, and overhaul of molds using advanced engineering methods
  - Reverse engineering of existing components.
- **State-of-the-art Tool Shop**:
  - Wide range of EDM equipment (graphite/copper electrodes, wire EDM)
  - Specialized milling, grinding, and fitting presses
  - Modern machine park including Fanuc and DMG CNC centers.
- **COLD CHAMBER CASTING** aluminium alloy die-casted parts:
  - 13 casting machines, including 5 fully automated
  - Clamping force: 400t to 1,650t
  - Casting weights: 0.5 kg to 25 kg
- **Machining & Finishing**:
  - Five advanced 3- and 4-axis CNC machining centers
  - Robotic grinding and polishing lines
  - Shot blasting (Schlick Roto Jet), manual finishing stations, and chemical washers
- **Surface Treatment Options**:
  - Raw and pre-coating finishes: shot-blasted, ground, vibro-finished
  - Powder coating, polishing, and chrome plating
  - Special coatings: SurTec, anodizing, Xylan®

ALUDESIGN
powered by Luma Automation

OUR OFFER



Aludesign delivers high-quality products, serving more than 40 active clients, with 65% of output exported across Europe.

Product examples








ALUDESIGN
powered by Luma Automation





Quality management

Quality and the production process safety are the priorities of Aludesign and all the Luma Automation plants.

Trimek Spark coordinate measuring machine with Renishaw components

Measuring arm with scanning head - FaroArm®

ISO 9001, ISO 14001, ISO 45001, IATF 16949





ALUDESIGN
powered by Luma Automation



CERTYFIKAT Nr TS/46745/25
CERTIFICATE No.
ALUDESIGN Spółka Akcyjna
CIESZYŃSKA 230, 43-170 ŁAZISKA GÓRNE POLAND
IATF 16949:2016
RINA Services S.p.A.
Via Corsica 12 - 16128 Genova Italy



CERTYFIKAT
Certificate
Nr/No. CSISB/0528/2024
Jednostka Certyfikująca Systemy Zarządzania UDT-CERT
poświadcza, że firma:
ALUDESIGN SPÓŁKA AKCYJNA
UL. BURAKOWSKA 5/7, 01-066 WARSZAWA
ZAKŁAD PRODUKCYJNY/MANUFACTURING PLANT:
UL. BYCZYŃSKA 37, 46-310 GORZÓW ŚLĄSKI
wdrożyła oraz stosuje zintegrowany system zarządzania zgodny z normami
PN-EN ISO 9001:2015-10, PN-EN ISO 14001:2015-09, PN-ISO 45001:2018-06
Zakres certyfikacji:
Odlewanie ciśnieniowe stopów aluminium i ich obróbka.
Projektowanie i wykonywanie form. Obróbka odlewów.
Warszawa, dn. 07.06.2024



CERTYFIKAT Nr 46745/25/S
CERTIFICATE No.
ALUDESIGN Spółka Akcyjna
UL. CIESZYŃSKA 230 43-170 ŁAZISKA GÓRNE POLAND
UL.BYCZYŃSKA 37, 46-310 GORZÓW ŚLĄSKI POLAND
ISO 9001:2015
Rosario Distefano
International Certification Vice President
RINA Services S.p.A.
Via Corsica 12 - 16128 Genoa Italy



IQNET
Building trust together
Certificate
CISQ / RINA has issued an IQNet recognized certificate that the organization:
ALUDESIGN Spółka Akcyjna
UL. CIESZYŃSKA 230 43-170 ŁAZISKA GÓRNE POLAND
has implemented and maintains a/an
Quality Management System
for the following scope:
MANUFACTURING OF ALUMINIUM PARTS, MANUFACTURED USING THE DIE-CASTING METHOD AND MACHINING.
which fulfills the requirements of the following standard:
ISO 9001:2015
Issued on: 2025-12-18
First Issued on: 2025-12-18
Expires on: 2028-12-17
All details about any legal entities, operative units and related activities included in this certificate are contained in CISQ/RINA original certificate no.: 46745/25/S
Registration Number: IT-157015
Alex Stoichitoiu
President of IQNet
Mario Romersi
President of CISQ

We kindly invite you to contact us!



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43-170 Łaziska Górne, Poland

Luma Automation