

POLYGENA – Partnership for Small and Medium-sized enterprises



Forward-looking partnerships with small and medium-size companies

POLYGENA AG supports and partners with small and medium-sized enterprises (SME) in the industrial and services sectors. It ensures their succession planning and thus the independence of future generations. It views the stake that it holds in these companies as a long-term business commitment. POLYGENA AG bears the responsibility for coaching the companies and their management teams on the road to a successful future.

We live by, support and promote lasting partnerships

POLYGENA acts as a partner to small and medium-size companies in the manufacturing and service industries. This is not only a matter of financial support – even through a majority share held by POLYGENA is often the basis for cooperation. Instead, the primary goal of the partnership is to lastingly secure the company's future. POLYGENA therefore supports management in the fields of strategy, leadership, employee development, accounting, finances and wherever else there is a need. This makes POLYGENA the ideal partner for attractive and family-owned small and medium-size companies, providing them with succession solutions and securing their independence in the long term.

We are committed to security and continuity

POLYGENA offers small and medium-size companies security and continuity when no family successor can be found to continue the management of the company. At the same time, the flexibility and dynamics of small and medium-size companies can be combined in this way with the resources of an international group. And finally, POLYGENA promotes entrepreneurship in its holdings: managing directors and senior managers are coached and employees can participate in the development of the company.

Taking advantage of synergies within the group

The group focuses not only on cost synergies but also on the exchange of experience, the multiplication of best practices, and mutual inspiration and assistance. By working together, all group companies benefit from improvements in the key elements of customer focus, innovative strength, speed, internationalisation and globalisation, process mastery, profitability and employee development.

Companies in the POLYGENA Group benefit from the «internal added value» that comes from harnessing synergies. The companies can forge a leading edge by exchanging information, supplier contacts and know-how and by using a shared IT platform. A shared production platform also offers resources and flexibility within the group, with a positive impact on the efficiency and cost-effectiveness of each company. Important factors normally available only in large corporate groups can become a reality for small and medium-sized companies through direct networking within POLYGENA.

POLYGENA

**Companies in the
POLYGENA Group:**

NOZAG

Nozag AG specialises in drive systems. Its core competencies cover gear components and gear-boxes. Production is located in Pfäffikon (Canton of Zurich) and the company has subsidiaries in Germany and France. www.nozag.ch

ROSTA

ROSTA AG is a leading provider of solutions in the field of rubber suspension systems. It offers standard and customised elements and has a global sales network with locations in Australia, China, Germany, Italy, Canada and the USA. Its head office is in Hunzenschwil. www.rosta.ch

JESA

bearing solutions

JESA SA concentrates its activities in the field of precision ball bearings. The company has production centres in Fribourg and Wuxi and subsidiaries in China and the UK. www.jesa.com

PWB

PWB AG develops and produces system solutions for lightweight assemblies and drive systems. The company has its head office in Altstätten. www.pwb.ch

Compounds

rubber solutions

Compounds AG is a leading producer of complex industrial rubber compounds, films and profiles. The company can look back on more than 100 years of experience. Its head office is in Pfäffikon (Canton of Zurich). www.compounds.ch

MOLNAR

Molnar AG supplies and produces precision parts for the medical equipment, electronics and aircraft industries as well as for general mechanical engineering. The production centre is located in Pfäffikon (Canton of Zurich). www.molnarag.ch

LX Precision

Since 2008 POLYGENA AG has had a holding in **LX Precision (Shanghai) Co., Ltd.** LX Precision manufactures high-quality turned and milled parts for the electrical and automotive industries and for the medical engineering industry. www.lxprecision.com

Successful solutions within a short time



Head office in Pfäffikon (Canton of Zurich, Switzerland)



In-house production and assembly

Development, manufacture and sales of standard and custom designs for gear components, sprockets, worm and bevel gears, custom gears and other drive system components.

As a specialist in the field, Nozag's core competence covers the development, manufacture and sales of drive system solutions ranging from standard components on stock from our extensive product portfolio to custom modifications – possible at short notice – or drive systems and components developed fully to your specifications. Whatever your requirements, you receive the best drive solution in Swiss quality.

Nozag subsidiaries are located in Germany and France. We are also represented by major sales partners in many industrialised countries all over the world.

Facts & Figures

Turnover	CHF 10 million
Employees	30
Markets	Mechanical, plant and apparatus engineering, recycling, packaging, logistics, automation, food and medical equipment industries
Products	Drive components, gear parts, standard and special gears
Subsidiaries	Germany, France
Established/with POLYGENA	1966/1992

Nozag AG

Barzloostrasse 1, 8330 Pfäffikon (ZH)
www.nozag.ch, info@nozag.ch



Portfolio of standard parts



A well thought-out drive solution for every situation

Group

POLYGENA
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POLYGENA AG
9450 Altstätten, www.polygena.ch

POLYGENA companies

NOZAG

JESA.
bearing solutions

Compounds
rubber solutions

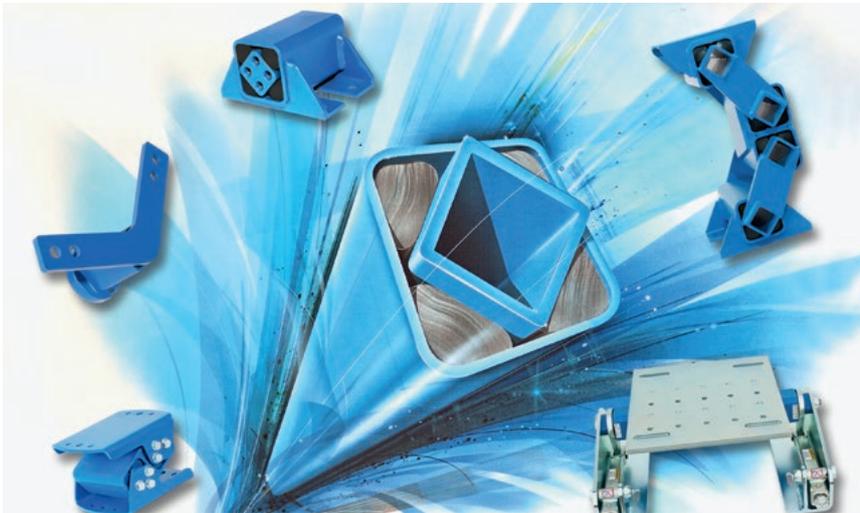
ROSTA

pwb

MOLNAR

LX
Precision

Clever Components for machine construction



Headquarters in Hunzenschwil



In-house production

ROSTA is a global market leader in the development, production and distribution of innovative rubber suspension systems for the mechanical, plant and apparatus engineering industries. ROSTA applications are found for example in mining and automotive manufacturing as well as in outdoor fitness parks. Global distribution of the brilliantly simple ROSTA rubber suspension concept enables a wide range of innovative, customised solutions.

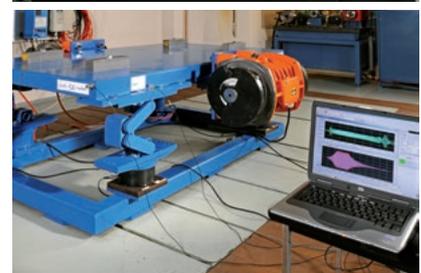
For 70 years, we have suspended, damped, supported and tensioned drives and oscillating systems in all areas of industry with our unique ROSTA rubber suspension elements. We are capable of implementing almost all requirements for elastic pivotal bearings for industrial applications using our standardised machine components, which are stocked worldwide. Simplicity paired with technical competence, automated production and ready availability is our recipe for success. Our engineering expertise can turn your visions into reality!

Facts & Figures

Turnover	CHF 26 million
Employees	100 employees world-wide
Markets	Mechanical, plant and apparatus engineering, mining, food processing, automotive manufacturing, amusement and outdoor fitness parks
Products	Oscillating conveyor technology, tensioning technology, rubber suspension technology (components)
Subsidiaries	Australia, China, Germany, Italy, Canada, USA
Established/with POLYGENA	1944/1996

ROSTA AG

Hauptstrasse 58, 5502 Hunzenschwil
www.rosta.ch, info@rosta.ch



Engineering competence

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POLYGENA companies

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 bearing solutions

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 rubber solutions

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 Precision

Tough challenges require customised solutions



Headquarters in Villars-sur-Glâne, Switzerland



In-house production in Switzerland

JESA designs, develops and produces ball bearings, turned parts and stamped products, all in combination with technical polymers. JESA products are used in market sectors such as: industry, automotive, furniture and building, healthcare and consumer goods. The larger sizes are produced by our subsidiary factory in China.

JESA, founded in 1969 by Mr. Joseph Egger in Villars-sur-Glâne, which is in the Swiss Canton of Fribourg and employs approximately 200 people. A specialist in custom precision ball bearing solutions and assemblies typically containing engineering polymers, JESA has been a leader in the market for over 45 years. With a worldwide presence through sales offices in Germany, the USA, France, the UK and China, JESA regularly invests in cutting-edge production technology in order to pursue its journey towards operational excellence.

Facts & Figures

Turnover	CHF 40 million
Employees	200
Markets	Industry, automotive, building, medical, consumer goods
Products	Ball bearing units, custom bearings, overmolded bearings, miniature ball bearings, standard bearings
Subsidiaries	China, UK
Established/with POLYGENA	1969/2001

JESA SA

Rte du Petit-Moncor 9, 1752 Villars-sur-Glâne
www.jesa.com, info@jesa.com



In-house production in China



Customised ball bearing solutions in automotive industry

Group

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POLYGENA companies

NOZAG

ROSTA

JESA.
bearing solutions

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Compounds
rubber solutions

MOLNAR

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High-quality lightweight assemblies and drive systems



Headquarters in Altstätten



Shared production platform

PWB develops and produces customised drives, guide and locking units, turned and milled supply parts made of aluminium or stainless steel, and innovative components made of high-performance composites. Clever solutions. Made with precision.

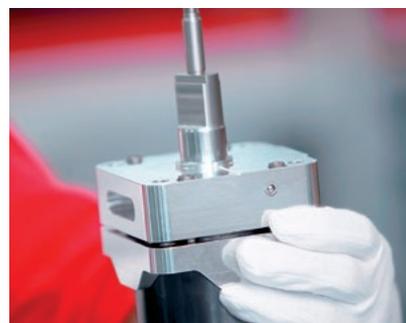
PWB is your technology partner for the production of high-quality system solutions for lightweight assemblies and drive systems. We develop and market products which supplement cylinders and actuators (guide and locking units) as well as customised drive systems (pneumatic and electrical). As supply partner we procure and manufacture special parts and assemblies for our customers. We specialise in the development and manufacture of parts made of fibre-reinforced plastics.

Facts & Figures

Turnover	CHF 12 million
Employees	55
Markets	Automation industry, pneumatics, optics, mechanical and plant engineering
Products	Customised drive systems (electrical, hydraulic and pneumatic), guide and locking units, piston rods, precision components, optical housings, composite components
Established /with POLYGENA	1981 /2001

PWB AG

Tiefenackerstrasse 50, 9450 Altstätten
www.pwb.ch, info@pwb.ch



Pneumatic drive solutions

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Rubber solutions are our passion



Compounds develops and produces high-performance rubber compounds, extruded profiles and unvulcanised sheets. More than 100 years of experience as a reputable producer of technically sophisticated and highly innovative products enables us to deliver optimal solutions to our customers.

Our competence is the result of many decades of experience in the development and production of rubber compounds. The constant availability of raw materials and our high production capacity has enabled us to establish joint added-value partnerships with our customers. A modern environmental energy concept ensures eco-friendly production of top-quality compounds. Our core products are: drinking water EPDM compounds that are certified in many EU countries, fire-resistant compounds certified according to EN 45545-2, roller cover compounds, compounds for diamond wires and vulcanised special profiles.

Facts & Figures

Turnover	CHF 20 million
Employees	60
Markets	Seals and valves production, fittings, instruments, plant engineering, public transport, building industry, fire-endangered equipment and cabinets, apparatus and mechanical engineering and many more
Products	Sunafflex® proprietary compounds for drinking water and fire-retardant applications, roller cover compounds, compounds for diamond wires, customer compounds, unvulcanised rollerhead sheets, extruded and steam-vulcanised special profiles
Established/with POLYGENA	2007/2007

Compounds AG

Barzloostrasse 1, 8330 Pfäffikon (ZH)
www.compounds.ch, info@compounds.ch



Head office in Pfäffikon (Canton of Zurich, Switzerland)



In-house production



Product examples – Rollerhead sheets and profiles

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ROSTA 

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MOLNAR

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Precision

Calibrated for precision



Head office in Pfäffikon (Canton of Zurich, Switzerland)



Machine hall

Molnar boasts a wealth of technical knowledge and cross-industry expertise covering a wide variety of fields. Experienced engineers and technicians help customers to industrialise individual parts and assemblies while also supervising the entire product life cycle.

The immense know-how of employees who have been with us for many years coupled with a modern machine pool allow us to manufacture high-precision mechanical parts – from complete prototypes through to small and medium-size series. On request we then machine the semi-finished products further and put together complete assemblies. In addition, we provide our customers with a wide range of logistics services – all from a single source.

Facts & Figures

Turnover	CHF 6 million
Employees	20
Markets	General mechanical engineering, electronics industry, filter systems, aircraft industry, medical technology, engine production and motor racing, defence industry, vacuum engineering
Products	Machining of common metals as well as titanium, brass, ceramics, copper and plastics
Established /with POLYGENA	1978/2013

Molnar AG

Barzloostrasse 1, 8330 Pfäffikon (ZH)
www.molnarag.ch, info@molnarag.ch



Complex individual parts and assemblies

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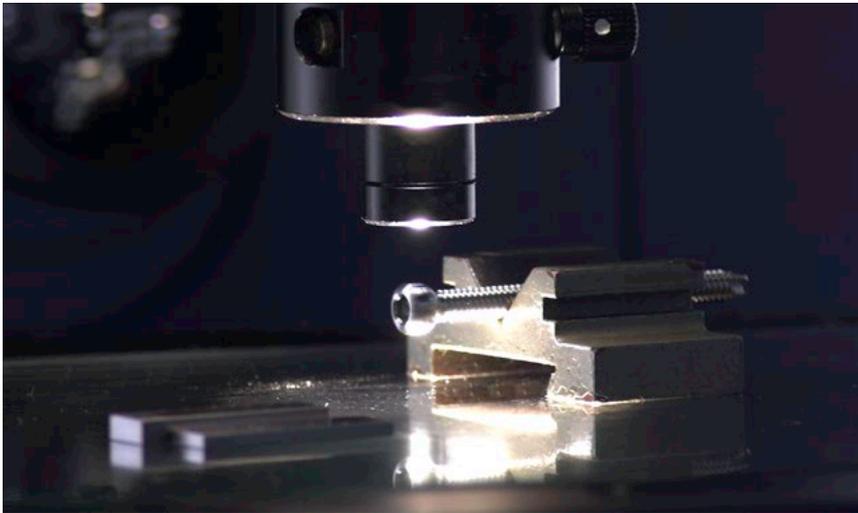
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Precision at its best



LX Precision (Shanghai) Co., Ltd. represents the perfect combination of quality, tradition and progress and specialises in micro-technology and precision turned parts. The innovative company was set up in 2001 as a subsidiary of Lauener & Cie., which was itself founded in Switzerland 100 years ago. In 2008, POLYGENA purchased share in the company.

Highest precision is the core of our work and the outstanding feature of all our products. LX Precision is supplier to the most important and sensitive branches of industry and will go to any length to assure and continuously improve its quality, technology, efficiency and precision.

LX has constantly extended its product range, which now includes high-precision parts for radio frequency connectors as well as trauma, spine and dental implants. Micro-precision parts produced by LX for engine management, ABS and fuel injection systems are used by almost all major automotive brands.

LX Precision (Shanghai) Co., Ltd.
 No. 8, Lane 88, Yuan Shan Road, 201108,
 Shanghai, China
www.lxprecision.com, info@lxprecision.com



Head office in Shanghai



In-house production



Example from our product portfolio

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