



THE DAETWYLER GROUP.



Daetwyler

FOREWORD.

CONTENTS.



EVOLVING TECHNOLOGY – UNCHANGING VALUES

Founded in 1943, we are a family-owned business with lean SME structures, operated by the second and third generation.

Our vision is and always has been to market innovative products and services that are Swiss in character throughout the world. Since the beginning, our aim has been to offer products and solutions that generate recognizable benefits and added value for their users. Today, we are close to our customers with our own production locations, sales and service organizations in every strategically important market.

Our virtues: we have remained true to innovation, precision, quality, reliability and customer focus, and aim to consolidate them even further in the decades ahead.

This brochure will give you an insight into the Daetwyler Group’s multifaceted world of technology.

We hope you will enjoy reading it.

A handwritten signature in black ink, reading 'Peter Daetwyler'.

Peter Daetwyler
Chairman of the Board of Directors

A handwritten signature in black ink, reading 'Ralph Daetwyler'.

Ralph Daetwyler
Member of the Board of Directors



DAETWYLER GROUP

THE DAETWYLER GROUP	4
HISTORY	5
DIVISIONS	6–7
GROUP LOCATIONS	8–9
PEOPLE ARE KEY	10
VOCATIONAL TRAINING	11
DIVISION SWISSTEC	
DOCTOR BLADES FOR THE PRINTING INDUSTRY	12–13
ON-THE-SPOT PRINTING EXPERTISE	14–15
DIVISION ROTOFLEX	
LACQUERS AND INKS	16–17
DIVISION FÄSSLER	
GEAR HONING	18–19
DIVISION INDUSTRIES	
CONTRACT MANUFACTURING	20–21
INSTALLATION AND SPECIAL PROJECTS	22–23

THE DAETWYLER GROUP.



FOUR DIVISIONS

The Daetwyler Group is divided up into four divisions: SwissTec, Rotoflex, Fässler and Industries. The Daetwyler Group works according to the uniform principles of technology leadership and precision:

The **SwissTec Division** is a leading manufacturer of high-quality doctor blades and consumables for the printing industry.

The **Rotoflex Division** manufactures lacquers and inks for printing applications of all kinds.

As the founding fathers of gear honing technology, the **Fässler Division** builds and installs gear honing machines worldwide.

The **Industries Division** is active in the field of high-precision machine manufacturing as well as turn-key solutions for different production technologies and branches.

The wide-ranging skills of the different divisions leads to valuable synergies that are reflected in the products and services and offer the customer a decisive advantage.

A GLOBAL PRESENCE

The Group employs over 600 staff, around 350 of whom work at the sites in Switzerland. With its own production facilities and over 300 employees, Daetwyler is also present in the major global sales and purchasing markets Eastern Europe, China, India and the USA. Thanks to access to a global sales and service network in over 40 countries, Daetwyler is able to remain close to its customers.

HISTORY.



Founder Max Daetwyler

- 2017** Acquisition and integration of Rotoflex AG, a manufacturer of printing inks and lacquers.
- 2016** Foundation of SwissTec subsidiary Daetwyler SwissTec Singapore.
- 2014** Acquisition and integration of the business operations of Fässler AG, gear honing machines and tools.
- 2013** Acquisition and integration of the business operations of MEWAG Maschinenfabrik AG, pipe bending machines and tools.
- 2013** SwissTec and the Industries Division are reorganized under the umbrella of Daetwyler Holding.
- 2009** The Daetwyler Group merges its equipment of the graphics operations into Heliograph Holding GmbH.
- 2008** Development and production of lamella doctor blades at the independent company Daetwyler SwissTec AG.
- 2007** Daetwyler builds complex milling machines to customers' orders and starts to expand its Industries Division.
- 2006** Daetwyler Graphics India Pte Ltd. is formed and starts producing lamella doctor blades in India.
- 2002** The opening of MDC Daetwyler (China) Co. Ltd. sees the start of lamella doctor blade production in China.
- 1996** Daetwyler receives the ERA European innovation prize for the development of a laser engraving machine (Laserstar) for printing cylinders.
- 1995** Formation of MDC Max Daetwyler Eesti AS in Estonia, a competence centre for the manufacture of welded machine bodies.
- 1993** Expansion of the high-precision mechanical engineering sector for the print industry.
- 1989** Specializing in the high-precision machining of large components, MDC Max Daetwyler AG Ursenbach, goes into operation.
- 1983** Successful completion of its maiden flight by training aircraft Swiss Trainer, a proprietary development by Daetwyler.
- 1974** Development of a high-precision milling machine for gravure cylinders (Polishmaster) is started, with which Daetwyler subsequently gains worldwide acclaim.
- 1975** Formation of MDC Max Daetwyler Corporation in the USA.
- 1972** Expansion of an additional business field: lamella doctor blades for the graphics industry..
- 1970** Daetwyler starts to develop its own international distribution network.
- 1964** Start of business activities in the graphic arts industry, in particular, the development and manufacture of gravure printing technologies.
- 1951** Company headquarters move to the airfield in Bleienbach, canton Berne. Parts are developed and manufactured for civil and military aviation.
- 1943** Formation by the then 27-year-old Max Daetwyler in Dietikon, canton Zurich. The focus is on aircraft maintenance and overhaul.

DIVISIONS.



DOCTOR BLADES FOR THE PRINTING INDUSTRY

SwissTec is the global market leader for high-precision and coated lamella doctor blades. The product portfolio is made up of innovative and high-quality doctor blade types for every imaginable print application. Moreover, SwissTec offers a wide range of consumables for the printing industry.

The doctor blades are absolutely first class both in terms of quality and performance. Continued research and development at SwissTec ensures ongoing improvements of products and the tailoring of their properties according to customer requirements. Painsstaking quality controls also ensure that each doctor blade fully meets the set demands.



LACQUERS AND INKS

Rotoflex manufactures lacquers and inks required for printing flexible packaging for food-stuffs, pet food and hygiene products, and also for the pharmaceutical and security industry.

The product portfolio of the most recent addition to the Daetwyler Group contains over 40 years of experience and a healthy portion of passion. Rotoflex not only stands for outstanding quality, but is also a partner that can be relied on to deal with all kinds of individual demands and is always on hand to offer assistance when required.



GEAR HONING MACHINES

As the founding fathers of gear honing technology, **Fässler** has developed, built and installed gear honing machines since 1970, together with tailored diamond tools and honing rings. The technologies are used in the hard finishing of gears with extremely high demands in terms of surface finish qualities, geometries and precision.

Since the very beginning, Fässler has strived to maintain its technological lead and offer users efficient systems. The in-house production of diamond tools, its modern application center and long-standing know-how mean Fässler is well equipped to also develop innovative solutions in line with market requirements.



HIGH-PRECISION MACHINE COMPONENTS

Industries offers unique industrial services for machine and plant constructors with discerning requirements in terms of quality and precision. The services range from the manufacturing of individual parts and assembly of units right up to the development and production of complex high-precision machines.

Industries is also globally unique in that they develop and manufacture high-precision machine beds of up to 50 tons, including the necessary consultation.

GROUP LOCATIONS.



PEOPLE ARE KEY.



THE FOCUS IS ON PEOPLE

Daetwyler's variety and international presence inspires many people with a technological or commercial background. Attractive jobs in a modern technological environment as well as interesting training and further development opportunities make the Daetwyler Group an exciting employer.

In enthusiastic, interdisciplinary teams, we continuously develop innovative products and services for people who themselves generate added value from them.

As a family-run business, we consider it important to keep the focus of our actions on our customers and employees.

EMPOWERING PEOPLE

Unique skills are decisive factors for maintaining and developing our technological edge. We therefore encourage our employees in their personal strengths and take care to expand their professional and social skills. People with strong skills enable us to do justice to market requirements both today and tomorrow.

The further development of employees is implemented through a methodological transfer of knowledge - «learning on the job» - as well as through individual further training schemes.

We promote teamwork and demand solution- and customer-oriented thinking and activity. Quality and commitment are the basic values of our cooperation.

VOCATIONAL TRAINING.



FROM THE GROUND UP

In our technology environment, qualified and motivated professionals make decisive contributions to providing customers with a sustainable supply of first-class products and services. The wide number of vocational training courses held is therefore particularly instructive and attractive. For decades, Daetwyler's apprentices have

received successful professional training based on a dual vocational training system - in-company training and vocational school in parallel.

At Daetwyler, apprentices get the know-how they need for their individual careers. In the various departments, they receive extremely varied training in different areas of activity. However, we go one step further: thanks to our international character, motivated and talented trainees can complete an internship in one of our subsidiaries outside Switzerland.

During training, we plan with our trainees the course of their professional continuation and their specific further development within the Daetwyler Group.



DOCTOR BLADES FOR THE PRINTING INDUSTRY.



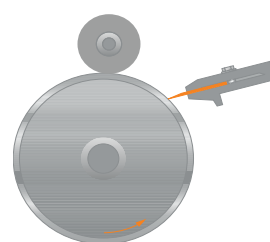
MARKET LEADER

Daetwyler SwissTec - the innovative supplier of high-quality doctor blade types for every printing application since 1972. The company's location center in Bleienbach (Switzerland) is the competence for existing and new doctor blade technologies. As a global market leader in the printing industry, SwissTec is first in quality, customer focus and innovation.

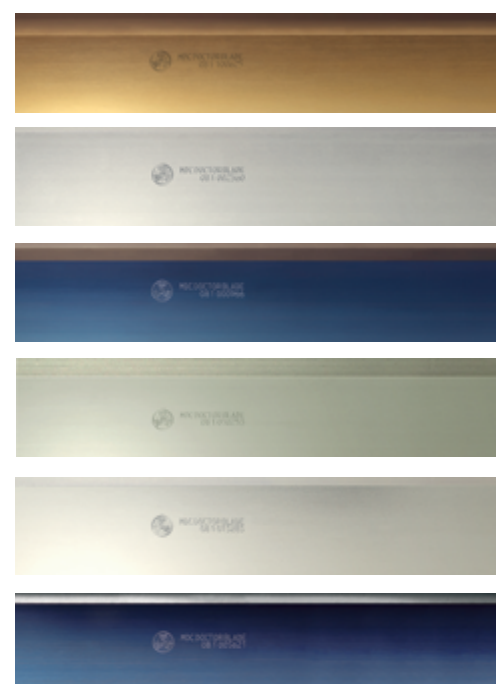
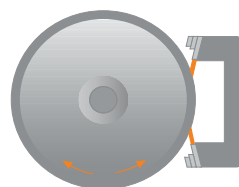
PRODUCTS

Daetwyler SwissTec develops and produces high-quality MDC doctor blades for all printing applications. The wide product range of uncoated and coated doctor blades and consumables offers benefits for clients worldwide. The doctor blades meet the highest quality standards. Their development and production - particularly their coating - are SwissTec's core competencies.

GRAVURE PRINTING



FLEXOGRAPHIC PRINTING



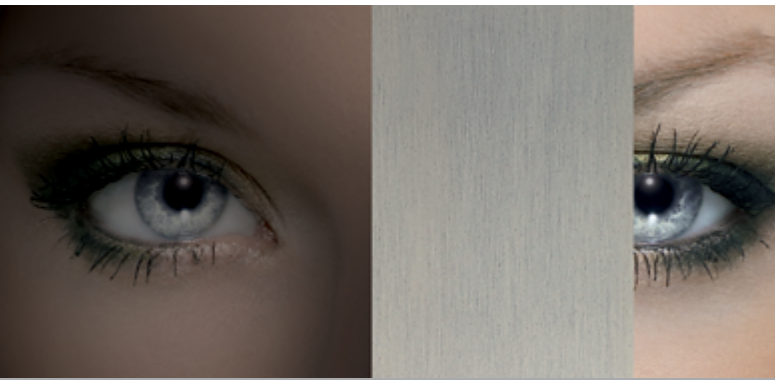
ALWAYS ONE STEP AHEAD

Thanks to continuous research and development work, SwissTec successfully maintains its leading market position and is constantly expanding. The research centers are working continuously to meet the market's growing demands.

With dedication and perseverance in the research and development of new products, SwissTec aspires to offer future users maximum added value.



ON-THE-SPOT PRINTING EXPERTISE.



GLOBALLY POSITIONED

With production locations in Switzerland, the USA, China and India and a global sales network with more than 55 partners, SwissTec guarantees that expertise and know-how are in line with customers' requirements to the best possible degree and are available worldwide.

SwissTec ensures that it meets the increasing demands of international markets and that its customers benefit from not only a technical lead, but also an economic advantage over their market competitors.

AT YOUR SIDE

With proven specialists from the printing industry, SwissTec supports users locally at their printing presses. This gives printers professional support, enabling them to achieve perfect print results even with challenging jobs - for example, by choosing the appropriate doctor blades. SwissTec offers in-house training for application of doctor blades.

With extensive know-how and commitment, SwissTec efficiently solves every challenge - in your printing environment, too.

ON-THE-SPOT EXPERTISE

- | | | |
|----------------|-------------|--------------|
| Argentina | Iran | Russia |
| Australia | Israel | Saudi Arabia |
| Austria | Italy | Sweden |
| Bangladesh | Japan | Switzerland |
| Belarus | Kazakhstan | Serbia |
| Bolivia | Kenya | Singapore |
| Brazil | Korea | South Africa |
| Czech Republic | Croatia | Spain |
| Chile | Latvia | Sri Lanka |
| China | Lithuania | Syria |
| Colombia | Malaysia | Taiwan |
| Denmark | Mexico | Thailand |
| Germany | New Zealand | Turkey |
| Ecuador | Netherlands | UAE |
| Egypt | Nigeria | Uruguay |
| Finland | Pakistan | USA |
| France | Paraguay | Ukraine |
| Greece | Peru | Venezuela |
| Great Britain | Philippines | Vietnam |
| India | Poland | |
| Indonesia | Romania | |



LACQUERS AND INKS.



ROTOFLEX



QUALITY AND RELIABILITY

Rotoflex AG is a leading provider of solvent-based gravure and flexographic printing inks, ink concentrates and lacquers for the food packaging industry in the high-quality segment. Since its foundation in 1975, Rotoflex has been an independent company based in Grenchen (Switzerland).

Decades of experience and comprehensive technical expertise allow Rotoflex to offer customers a portfolio of the highest quality. The development laboratory and production facilities are absolutely state of the art. The streamlined organization combined with local representation in various countries brings together all the advantages associated with short decision-making paths. This makes Rotoflex the ideal partner for meeting customer demands both now and in the future.

INKS AND LACQUERS – OUR PASSION

The jointly defined values that are lived and breathed every day are key to the success of Rotoflex and form the basis for how the company is run. Our customers are the focus of everything we do. They should experience at first hand the strength of our values – such as “Rotoflexibility”, taking on responsibility at all levels and working together with absolute honesty and respect for one another. Customer satisfaction is the benchmark here, and one that can never be set too high.

When recruiting new employees, the Rotoflex values already ensure that the right person actively contributes in the right areas to our joint success. We don’t need to produce glossy paper to highlight our values. Instead, they are implemented through value-oriented company management, training and workshops. The future begins today – experience and quality form the basis, and openness and creativity the key to future success.

PERFECT PRODUCTS FOR YOUR NEEDS

Comprehensive technical knowledge allows Rotoflex to offer a first-class product portfolio. The core elements are as follows:

- Solvent-based ink systems, concentrates and blends, plus 1K and 2K overprint lacquers and primers
- Ink systems and lacquers for flexographic and gravure front and reverse-side printing (retort applications)
- Products in the high-security field

When developing products, Rotoflex takes into account all aspects seen during the creation process, from the careful selection of raw materials and suppliers to the technical requirements of our customers, all the way through to legal compliance of the packaging.

WE ARE THERE FOR YOU

Our goal is to fulfill the wishes of our customers quickly and without excess bureaucracy. The range of services on offer is as diverse as the demands seen throughout the entire process chain:

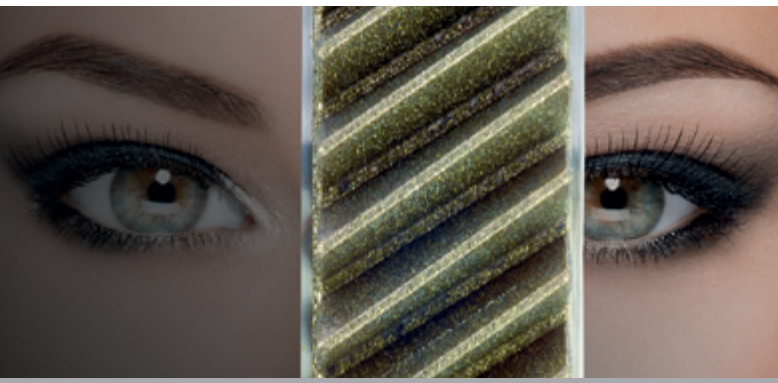
- Development of products for new areas of application
- Personal, professional application support on site
- Laboratory services
- Training courses

Commitment and long-standing experience are the tools of the trade. The result is tailored solutions and added value for the customer as a result of increased efficiency in the production process for meeting future challenges.

We are convinced that success can only be achieved as part of a strong partnership – get in touch with us today.



GEAR HONING.



“GEAR HONING. VISION TO REALITY”

As the inventor and leader in gear honing, Fässler was incorporated into the Daetwyler Group in 2014. The continuous development of products and processes is promoted through the company’s existing skills and experience.

For the hard finishing of internal and external gears, gear honing is recognized as the most economical process for large quantities. The high quality this method produces leads to significant reductions in noise and permits higher power levels.

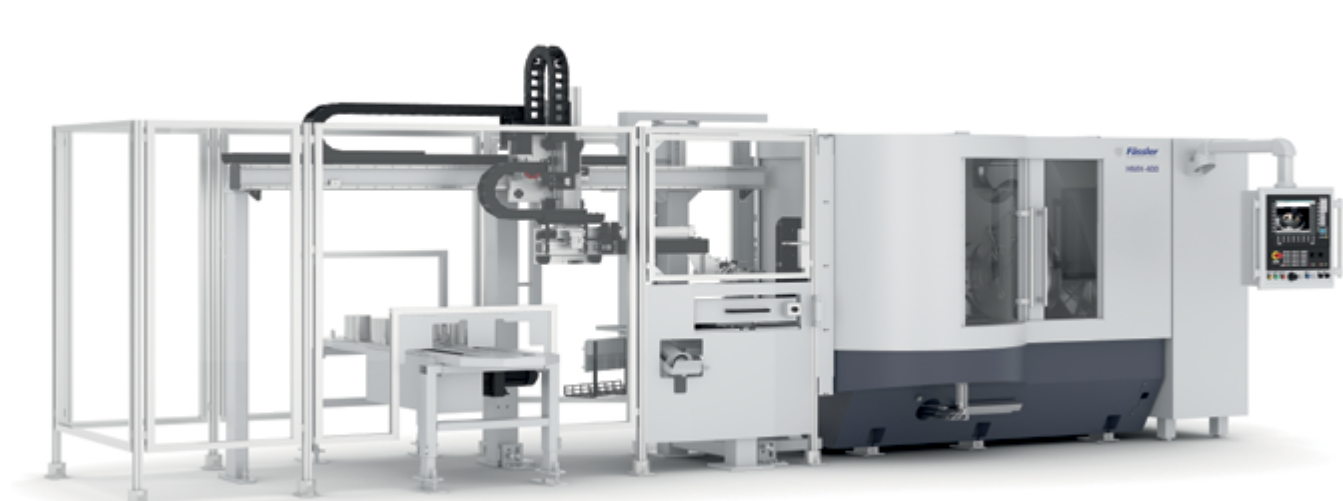
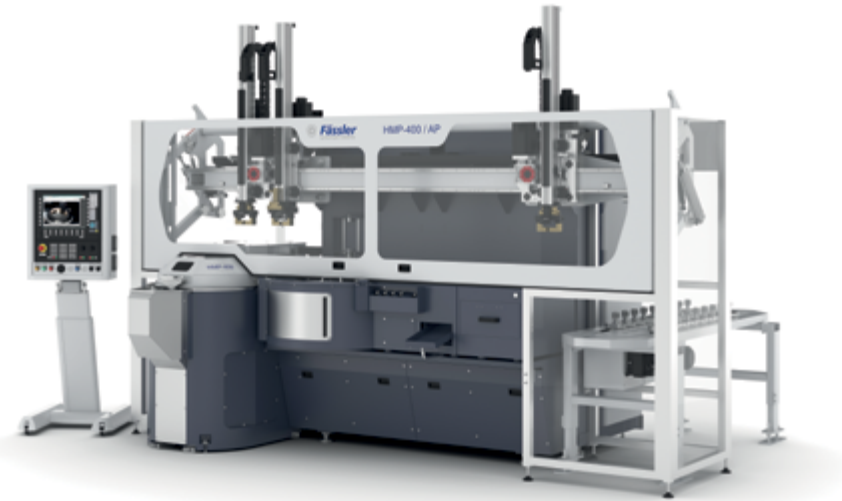
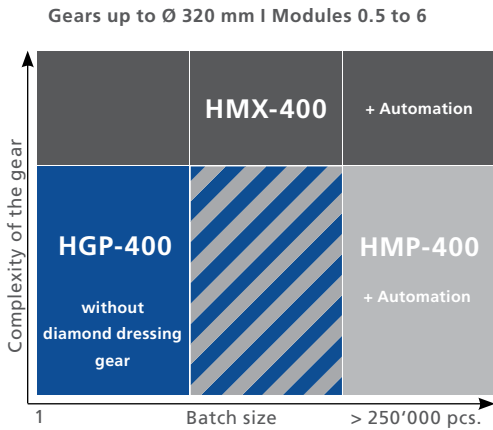
A vision becomes real. New standards are set by unique technologies. Economic gear honing in small batches is now a reality.

DIAMOND TOOLS

The quality of the diamond tools largely determines the final quality of the gear. Fässler diamond tools are designed and manufactured in-house to suit the part concerned. Many years of know-how and a high level of vertical integration are key elements of Fässler’s quality tools.

PRODUCT PORTFOLIO

- **HGP-400** | Small batches, from batch size 1
Honing without diamond dressing gear
| Profile grinding
- **HMP-400** | Medium to large quantities
Compact | Modular
- **HMX-400** | Medium to large quantities
Combihones | Highly complex parts
- **TOOLS** | Diamond tooling | Honing rings



CONTRACT MANUFACTURING.



MACHINE BODIES

For mechanical and plant engineering companies, Daetwyler Industries manufactures individual mechanical components, in particular, high-precision machine beds consisting of welded steel structures.

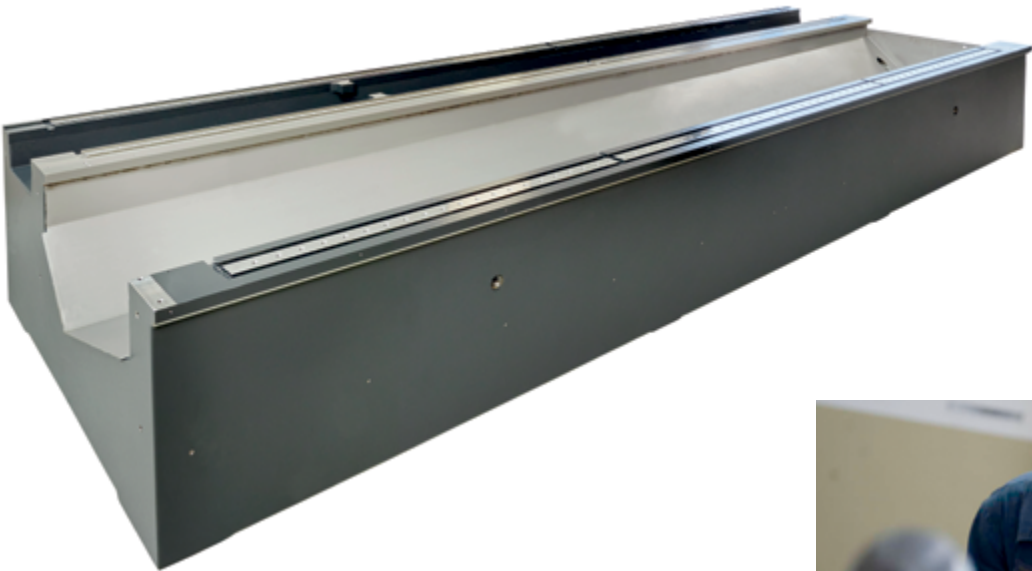
The entire value creation process is reliably tracked at Daetwyler to maximize reproducibility. Daetwyler thus accepts full responsibility for dimensionally accurate workpieces of outstanding quality.

WELDMENTS FROM ESTONIA

The Baltic production site in Tallinn is our centre of excellence for manufacturing welded machine beds. Composite structures with unique properties can also be realized with complementary technologies and innovative materials.

HIGH PRECISION FROM SWITZERLAND

At its Swiss site in Ursenbach, Daetwyler operates its climate controlled centres of excellence for the high-precision machining of cubic components. Using modern milling and grinding machines, medium-sized and large-volume parts up to 12 meters in length and a maximum of 50 tons in weight are manufactured precisely to a few microns.



VALUE CREATION FROM A SINGLE SOURCE

The experts in the Industries Division advise, design, weld, laser cut, bend, anneal, sandblast, fill, bond, prime, mill, grind, paint, scrape and assemble.

With passion and precision.



INSTALLATION AND SPECIAL PROJECTS.



MODULES AND MACHINES

Daetwyler Industries produces complete private label machines and equipment for third parties. To do this, it uses its decades of development and production experience as well as its superb infrastructure.

The ability to work together in interdisciplinary teams, the comprehensive know-how of its staff and working in partnership with clients guarantee the best results in terms of quality, costs and adherence to deadlines.

GENERAL CONTRACTOR PROJECTS

Thanks to unique references from many technology projects and excellent production skills, Daetwyler Industries is repeatedly entrusted with complex and pioneering projects by industry and institutes of technology.



Daetwyler Industries as general contractor for the provision of all the undulators in the SwissFEL PSI project | www.psi.ch



Daetwyler

Daetwyler Global Tec Holding AG

Flugplatz I 3368 Bleienbach

Switzerland

Phone +41 62 919 34 34

Fax +41 62 919 36 36

DAETWYLER.COM