



SWG · SÄCHSISCHE WALZENGRAVUR GMBH



SWG 

Our goal always was and still is to ensure a first-class realization of our customers designs by using the latest technologies. Therefore we live our slogan:

“FUTURE SINCE 1890.”

“Future since 1890” - means for us that we are in permanent search of new, innovative products and approaches for solving problems, counting on the know-how of our 130 motivated employees and our long lasting tradition.

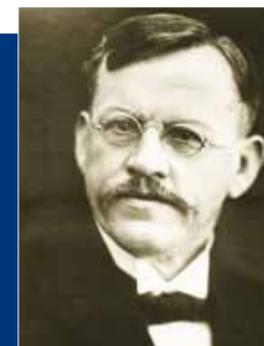
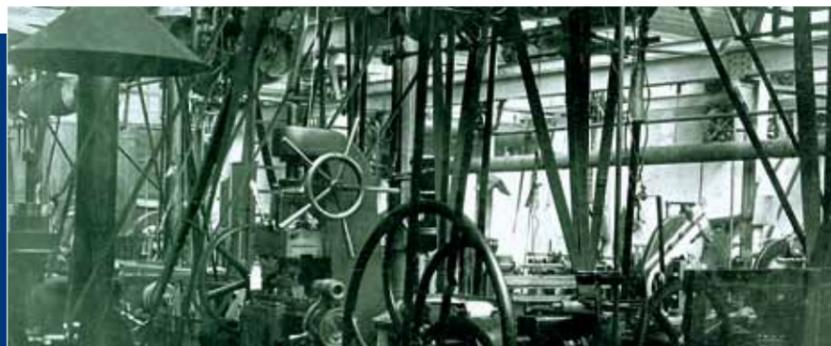
Since the company's foundation by August Dippmann we have been manufacturing high quality printing and embossing forms “Made in Germany”. By means of our wide product range, highest competence in engraving, pronounced design comprehension and our medium-sized flexibility, we are your highly productive supplier and all around assisting partner. We are accompanying you with first class implementation of designs and motives from the idea to the perfect printing.

It is our aim to add value to your daily competition. That includes synergistic effects of a full-range prepress supplier as well as the continuous “think outside the box” which we realize by the close contact with our customers, machine manufacturers, research establishments and our own R&D department.

Our constantly growing clientele verifies the marvellous quality of reproduction and engraving for most different printing technologies. Thanks to the integration into the network of Janoschka, we are always very close to our customers. Worldwide.

Whether packaging or decorative market, from printer to branded companies - there are seven good reasons to choose the Sächsische Walzengravur GmbH:

- › DESIGN DEVELOPMENT
- › GRAVURE PRINTING FORMS
- › FLEXO PRINTING FORMS
- › ROTARY SCREENS
- › EMBOSSING FORMS
- › STEEL BASE MANUFACTURING
- › SLEEVES



ON JUNE 2, 1890

the engraver August Dippmann creates a company for the production of cylinders, engraved rollers and machines for printing and embossing in Frankenberg, Saxony. In the wake of a flourishing economic development taking place at the end of the 19th century, the small-sized craft business rapidly turns into an industrial enterprise. Thereby the company has to move twice within a few years and, finally, a new building is erected for the company having 20 employees by then.



DESIGN DEVELOPMENT CREATIVITY AND EXPERTISE



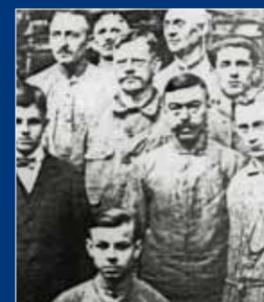
The design idea is the beginning of each printing and embossing project. Your creativity needs space, design understanding and a big know-how regarding the possibilities and limits of the respective printing process.

Our team of well trained reproduction experts and digital media designers generates image data of highest quality based on your artwork and layout. At the same time we can be your creative advisor by the use of our own sample collection. In case of designs for the packaging market we are glad to take over the artwork, detached from the following printing process.

Newest technology, latest scan procedure and an innovative, patented workflow enable the manufacturing, manipulation and reproduction of 3D data for specifically sensible surfaces and printings which appear plastically.



Company paper showing the new production hall, around 1905 August Dippmann (middle of the picture) together with his workers, around 1920



Dispatch department before 1900, Residential house and construction drawing for the production hall - 1904



1908

Carl Uhle becomes an associate of the company and the name changes to **SÄCHSISCHE WALZEN-GRAVIERANSTALT AUGUST DIPPANN & CO.**





GRAVURE VERSATILITY AND CUSTOMER PROXIMITY



One of the divisions with the longest tradition is SWG's gravure department.

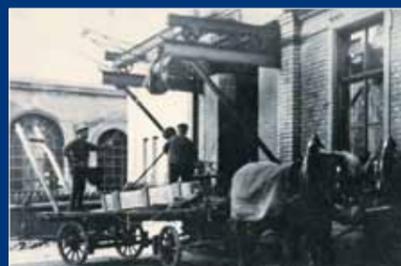
The optimum engraving technology for each demand is guaranteed by most modern direct laser engraving, high-resolution Xtreme engraving and laser etch engraving. No matter if decorative products (e.g. wallpaper, gift wrap), packaging or security application - printing well starts with a competent consulting, excellent reproduction and true-colour proofs. We shorten transport distances and delivery times by in-house manufacturing of conventional printing cylinders and gravure printing sleeves.

We are your contact for the complete process chain - beginning with the idea until printing. Thanks to our co-operation with Janoschka you can be sure of enough capacity reserves and we are never far away. Worldwide.

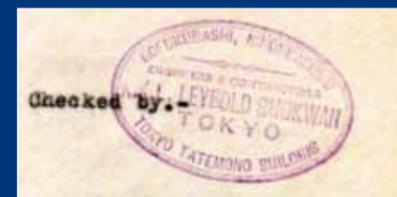


IN THE 1930s

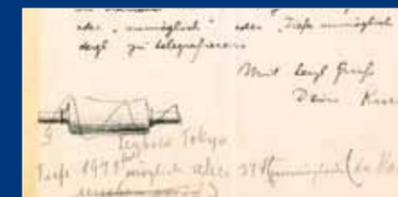
the Sächsische Walzen-Gravieranstalt sells its products around the world. Kurt Meissner, the owner's son-in-law, is a managing associate of the machine sales agency L. Leybold Shokwan in Tokyo. Through this channel, machines from Saxony are sold in Japan and earn a high reputation.



Dispatch department in 1925

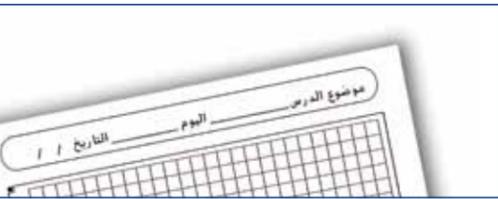


Note and company stamp from the correspondence between Japan and Germany dated March 14, 1931



1931

August Dippmann dies. His wife takes over the company as sole owner on his behalf. Together with the authorised officers Arthur Reinhold and Kurt Hofmann, she assumes the management of the enterprise with great success.



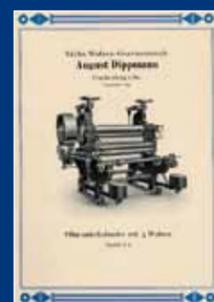
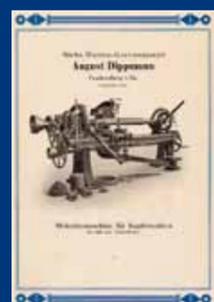
FLEXO PRINTING FORMS MODERNITY AND FLEXIBILITY



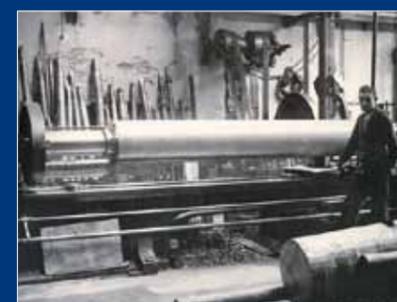
An excellent reproduction and four efficient facilities for direct laser engraving with a maximum working width of 3.8 m, offer enough capacity for reacting flexibly on your orders. High resolution for printing packaging, tissue and rulings is obtained with multiple beam technology with screen widths up to 70L/cm.

Selected structured printing dots provide sharp edges and an optimum tonal gradation. Each single printing project, each substrate and each printing machine have individual requirements. That's why we rely on the advantages of elastomer printing forms and in case of sleeves and plates you can benefit from the wide range of specially-matched rubber compounds.

These assure a long durability and excellent ink transfer values for all applications, beginning with packaging via tissue to rulings.



Brochures about machines and office around 1930



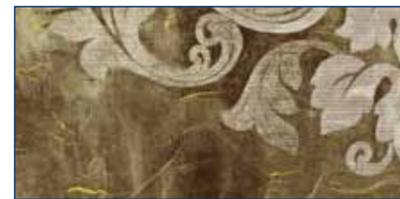
1945

After the end of the World War II and following the death of August Dippmann's wife, the company is taken over by the three daughters of the company's founder. Marie Dippmann, Gertrud Rau and Johanna Meissner as well as the authorized officers Arthur Reinhold and Kurt Hofmann become managers and continue the operations of Sächsische Walzen-Gravieranstalt as a partnership. When the two German states are founded, it is the only company of this type in the German Democratic Republic and the whole Eastern bloc.

Cylinder production in the 1940s.



ROTARY SCREENS ARTISTIC CHALLENGE



Thanks to a high design competence and experience in making rotary screens for more than 40 years we are speaking your language when we realize your designs.

Of course, we pay attention to the requirements of changing colorations. Allow your creativity to take its course - our know how and experienced specialists will realize it in your printing screens.

The typographical realization is based on precise lacquer screens, engraved with direct laser technology. Special screens for technical applications or for the creation of embossing effects as well as galvano screens complete our range.

Please benefit from the synergies of a full range supplier, to allow yourself free creative spaces for attractive fabric designs and wall papers with welcoming atmosphere.



IN 1950

the Frankenberg company marks its 60th anniversary. In 1952, the company is nationalized after Arthur Reinhold and Kurt Hofmann had been accused of economic crimes by the arbitrary judiciary of that time. Arthur Reinhold dies of exhaustion suffered during his imprisonment in Bautzen. The firm's name changes to VEB Walzengravierwerk Frankenberg / Sachsen.



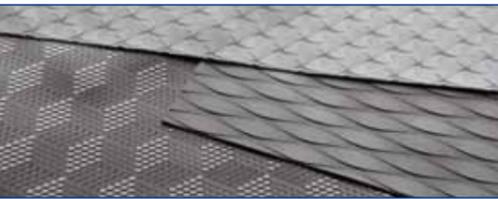
Company staff celebrating the 60th anniversary of the company at the "Lützelhöhe"



FROM 1955 TO 1958

the company's facilities are extended to meet the rising demands for engraving products from the Eastern European countries.

Excavation in 1955 and completed new building around 1960



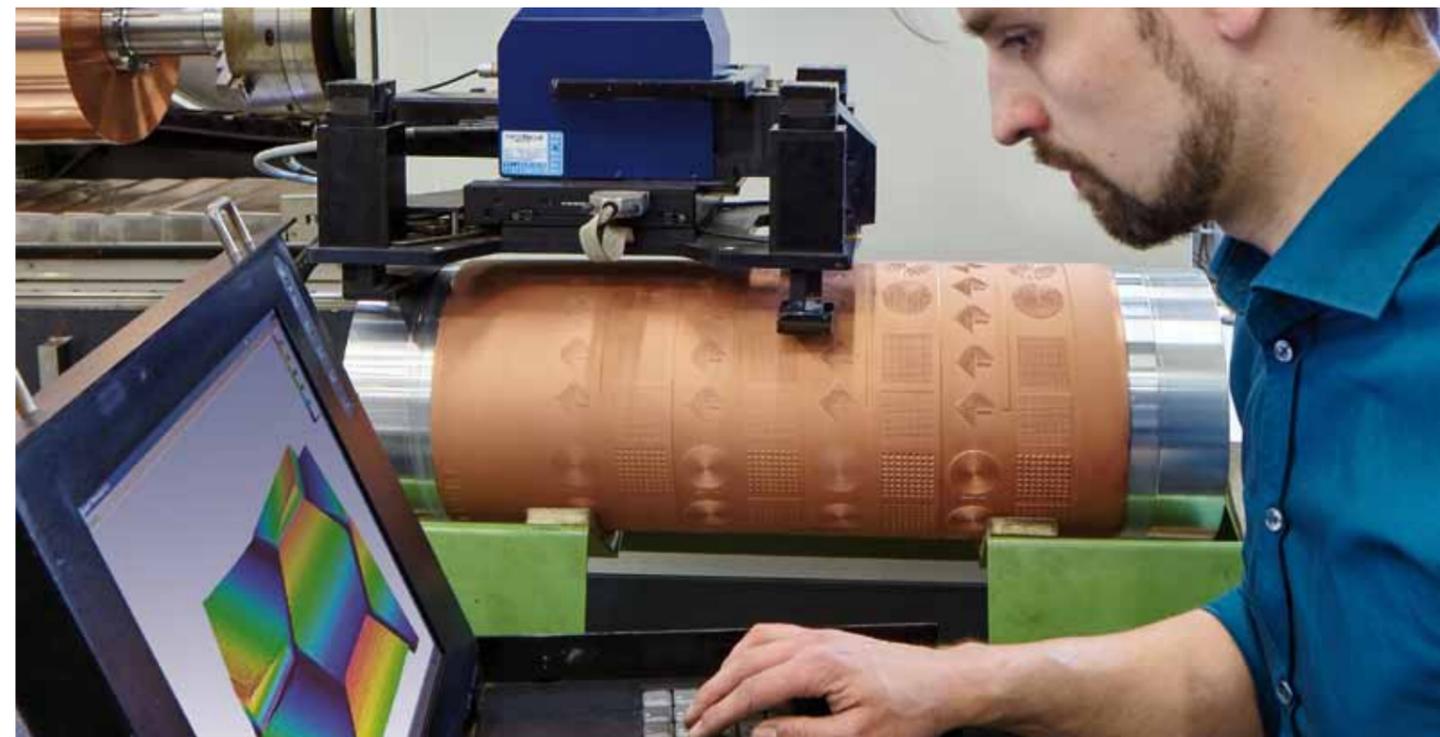
EMBOSSING FORMS TRADITION AND INNOVATION



Whether vehicle interior design, wallpaper or other decorative and packaging applications - the value of your products becomes sensible.

With our embossing forms we combine tradition and innovation for being able to develop the third dimension for you. Topographic scanning of three-dimensional originals with highest resolution and most modern digitized artwork supply highly precise engraving data. Brilliant soft proofs, moldings and embossed proofs on your original material will already give you a clear imagination of the finished product.

Most modern laser technology for direct laser engraving into metallic and elastomeric surfaces creates finest embossing structures with highest precision and quality, also for micropatterning and brand protection.



IN 1971

the Walzengravierwerk is integrated into VEB Modedruck Gera, forming a government-controlled conglomerate. In the 1980s, additional production facilities are built in Frankenberg. In 1984, the company employs 280 people.

exhibition and bridge camera 1979

IN 1990. AFTER 100 YEARS

of its existence, the company regains its autonomy in a reunified Germany. In 1991, it is privatized by the grandsons of the company founder August Dippmann, who are members of the community of heirs of the Meissner and Rau families, as well as by the Janoschka GmbH & Co. KG. The latter becomes not only one of the owners but a real partner and makes it possible to continue the successful story of SWG.



PART OF
Janoschka



STEEL BASE MANUFACTURING QUALITY AND COMPETENCE



By manufacturing our own cylinders, we are able to reduce the time-to-market period. We produce bases in most different constructions and materials. With our state-of-the-art machinery, we produce cylinders with or without shafts, as well as sleeves in steel or aluminium with the utmost precision.

Optimizing the construction of the cylinders often results in reduced cylinder weights which also decreases storage costs - of course without any impact on the quality. For changing circumferences, we offer innovative solutions for increase and reduction of cylinder circumferences as your stock of cylinders is too valuable for remaining unused.

We also produce limited editions of technical cylinders in the highest accuracy and surface quality.



IN THE 1990s

Sächsische Walzengravur makes new areas of business accessible. The company exports to more than 30 countries and develops new products. The production of flexo printing forms expands the product portfolio for the steadily growing market of decor and packaging. At the same time the sleeve production starts for the offset, digital and embossing sectors.

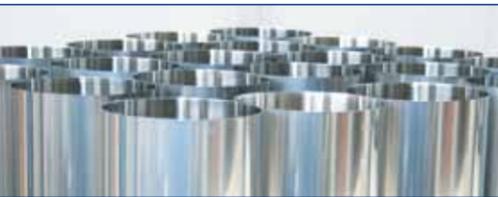
Flexo printing forms for the napkin market



IN 1997

SWG and its comprehensive quality management has been certified to ISO. The sustained success is verified by continuous monitoring of the TÜV, positive customer audits and the high customer satisfaction.





SLEEVES LIGHTNESS IN PERFECTION



Engraving determines the printing result, the very surface of a printing cylinder is crucial.

Why store heavy cylinders on high costs and ship them around the world? Our answer to this question is: Sleeves.

We go most easy on resources with our thin layer sleeve, which is a sleeve made in an electroplating process, partly with several layers and a total wall thickness of less than one millimeter and which is used in gravure, offset and digital printing.

The advantages are obvious: sleeves are of light weight, decrease costs, reduce the printing form to its key task – printing. The running smoothness ensures highest printing speed without any curtailment in the quality of the printing result, thanks to the highest precision in our special electroplating.



THE NEW CENTURY

is shaped by faster and faster developments. Due to extensive investments SWG is always "up to date". In 2007, the manufacturing capacities are expanded by the first stage of extension of a fully automated gravure cylinder manufacturing, which sets new standards regarding efficiency and quality.

The investment in a new production hall and warehouse building allows room for further growth.

new production hall and warehouse building 2007



IN 2009

the complete development of the automatic line for gravure cylinder production is carried out. At the same time and thanks to ever-growing reputation, SWG as an innovative company becomes a development partner for laser direct engraving systems for embossing, engraving and flexo printing.

In the context of beta tests and continuous advancements in the following years, SWG could extend its know-how advantages in direct laser engraving.

Cellaxy - direct laser engraving machine for gravure and embossing



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- › Design Development
 - › Gravure Printing Forms
 - › Flexo Printing Forms
 - › Rotary Screens
 - › Embossing Forms
 - › Steel Base Manufacturing
 - › Sleeves



PART OF
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SWG · SÄCHSISCHE WALZENGRAVUR GMBH
Badstraße 9
D-09669 Frankenberg

www.swg-online.de · info@swg-online.de
Telefon +49[0]37206 6 30
Fax +49[0]37206 6 31 80