

TECHNOVATION

MADE BY SCHOBERTECHNOLOGIES

Rotary finishing technology for high-end products

Schobertechnologies stands for innovative high-performance solutions and the efficient processing of technical products

For more than 60 years, Schobertechnologies has supplied tools for integration into existing rotary web processing machines and built-in modules as a complete solution. Based on many years of international experience, the team of Schobertechnologies will find the right solution for every requirement. The employees can refer to past projects or develop together with the customer's possibilities for the

specific challenge. It has long been recognized by the Schobertechnologies engineers that the combination of different materials leads to a significant increase in tool life. All Schobertechnologies products are manufactured to the strictest standards and are often in daily use for decades. Schobertechnologies aims to develop high quality and durable products for its customers. Especially in highly competitive

1956

Seven years after the founding of the grinding company Schober, a rotary sheet-fed cutting, perforating and creasing machine was developed in 1956, of which more than 3,000 machines have been sold worldwide to date.

1958

In 1958, Schober began manufacturing rotary punching tools.

1971

In 1971, the industrial building at Industriestraße 12 in Hochdorf was acquired where the machine manufacturing was moved to.

1980

During the early 1980s, another mile stone was set with the development and sale of NG-Tools made of Tungsten Carbide. These tools were primarily developed for the business-form industry. Today, approximately 20,000 tool sets are in use worldwide. In addition, more and more modules were sold to the label industry. At that time Schober GmbH already had a distribution network throughout Europe and approximately 70 employees.

1956 1957 1958 1966 1971 1976 1977 1980 1987

1957

In 1957, Schober attended its first exhibition in Lausanne (CH) which gave the company a breakthrough and helped in the sale of graphic products on the world market.

1966

Due to lack of space, in 1966 the entire production facility was moved to Hochdorf in Industriestraße 8. Stacking collators and special machines were already part of our product line at this time.

1976

In 1976, the first cutting cylinders and modules were manufactured for the hygiene industry.

1977

In 1977, Schober expanded again and acquired the property at Industriestraße 2. The tool production was moved to this location.

1987

In 1987, a building expansion was added to the location at Industriestraße 2. This increased our production area to almost 4,000 m² and provided an office and exhibit area of approximately 1,800 m². The production of tools and machines was rapidly increasing in all industry fields.



markets, it is important to be able to rely on a partner with international experience. This is the only way to implement projects within a predetermined time frame and generate competitive advantages. Therefore, rely on the proven expertise of Schobertechnologies. Send us a product sample, drawing or sketch describing your technical requirement. We will be delighted to advise you on your current project – worldwide.

1989

In 1989, the first tungsten carbide cutting tools and heat-sealing modules were delivered to the hygiene industry.

1991

In 1991, a new company, FMB in Zwickau, was founded.

1999

In 1999, a new production hall was obtained, which extended the production area at the company's headquarters to around 5,500 m². In the following years, numerous processing machines have been developed and the position as a leading manufacturer of rotary die cutting, creasing and punching tools was expanded worldwide.

2018

In 2018 further stage in the development of the RSM 770-DIGI-VARICUT which was launched in 2017, now for the processing of digitally printed materials. Presentation of an extremely low-vibration high-performance cutting module with automatic quick lift device for cutting cylinder. Development of rotary cutting and perforating modules to be integrated in high-performance blister packaging machines.

1989 1991 1995 1999 2010 2012 2018

1995

In 1995, subsidiaries were founded such as Jiarui (China), Schokar (Hong Kong) and Schober USA, Inc. in Cincinnati, Ohio.

2010

Schobertechnologies GmbH was founded in 2010, and since 2011 continues with the operating business of Schober GmbH in the next generation. Schober GmbH becomes Schober GmbH Holding.

2012

In 2012, Schobertechnologies presented at Drupa (D) a rotary die cutting machine for in-mould labels with a twin robot stacking and counting system, allowing the first time web converters to stack nested products in an economic way.



TECHNOVATION HIGHLIGHTS

Schobertechnologies stands for innovative high-performance solutions and the efficient processing of technical products

TECHNOVATION WORKFLOW

CONSULTING – CREATIVITY – COMPETENCE

Comprehensive know-how, international experience and competent advice are among our core competencies. Our technically sophisticated products are distributed in over 100 countries. Send us a product sample, a drawing or a sketch. We advise you comprehensively, worldwide.

01



02

ENGINEERING

We are one of the leading specialists in the development and production of rotary tools, built-in modules and special machines. Our goal is to develop strong-consistent and high-quality products for our customers.



CUTTING &
PERFORATING



PUNCHING &
STAMPING



CREASING, SCORING &
EMBOSSING



CUT & PLACE



LASER
TECHNOLOGY

PRODUCTION

The scope of supply of high-precision modules reaches for processing speeds of up to 1,000 meters per minute and tool diameters of up to 600 millimeters with working widths of up to 2,000 millimeters.

03



AFTER-SALES-SERVICE

The new machine generations from Schobertechnologies are equipped with remote maintenance modules for easy and fast service. If required, we are available for on-site service as well.

05



SETUP AND START-UP

In close cooperation with your team, experienced technicians of Schobertechnologies offer comprehensive training courses, a combination made of theoretical and practical contribution, in order to transfer the maximum expertise on modules, tools and machines and to give your employees the best possible know-how for your production.

04



SEALING & EMBOSsing



COLLATING & FOLDING



GLUING/ BONDING



DISPENSING/ APPLYING

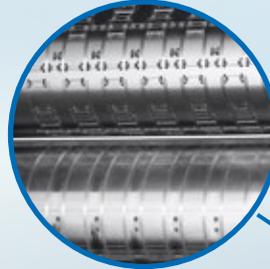


PICK & PLACE

Schobertechnologies stands for innovative high-performance solutions and the efficient processing of technical products

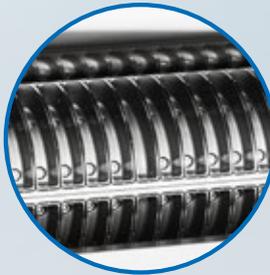
SEGMENTED TOOLS

For larger runs, cutting segments made of high-alloy steels, powder metallurgical materials or tungsten carbide (TC) are preferably used. Segmented tools allow the replacement of individual cutting segments in the event of damage.



CUTTING AND PERFORATING TOOLS FOR WINDOW OPENINGS AND BLISTERS

Half cuts, mainly used for opening features or to die cut self-adhesive materials, are used to perforate or die cut to some extent the thickness of the processed material. Some of the materials are very thin, others made of several layers partly containing barrier functions, in consequence the cutting depth needs to be controlled precisely.



CUT & PLACE

“Cut and Place” is the transfer and placement of pre-cut materials or products onto a continuously moving web in fixed or variable distances within registration. Such technology is applied for the process of holograms to inhibit counterfeiting, electromagnetic security labels (EAS) or RFID-labels as well as in the medical field to transfer pre die cut products onto a carrier.



CUTTING

Mechanical die cutting with custom designed cylinders in various material combinations especially adapted for your needs. These cutting cylinders can be mounted into existing frames or into high precision modules made by Schobertechnologies.

**PERFORMANCE
TECHNOVATION**



CUTTING & PERFORATING



PUNCHING & STAMPING



CREASING, SCORING & EMBOSING



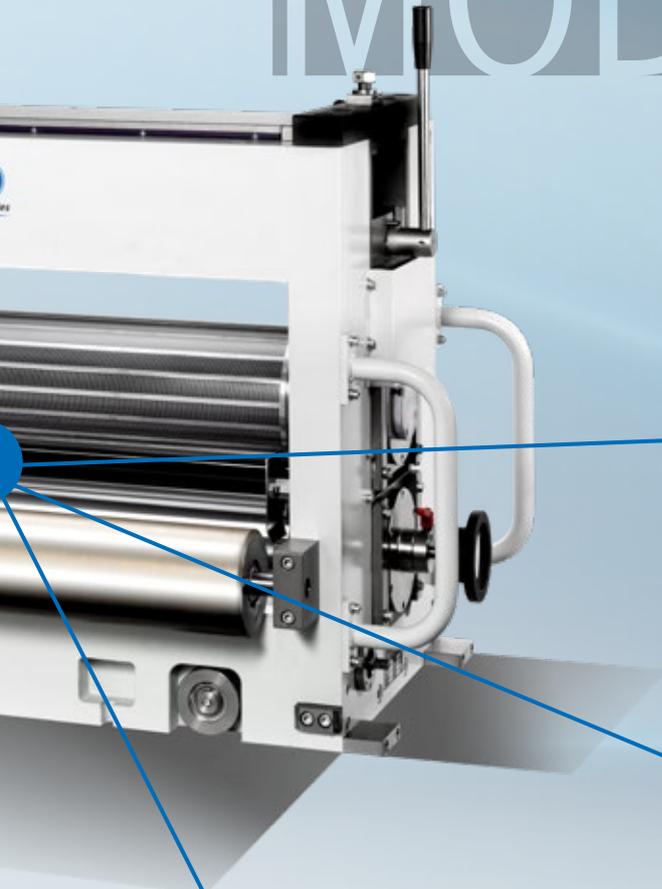
CUT & PLACE



LASER TECHNOLOGY

TOOLS- MODULES

ROTARY CUTTING AND PUNCHING TECHNOLOGY



PUNCHING

Clean and burr-free punching applications with web width of up to 2,000 mm and speeds of up to 1,000 m/min can be performed, depending on the material. Waste removal is achieved through the die hollow cylinder without any problems even for tight punching patterns with hole sizes as small as 0,5 mm.



ROTARY CREASING, SCORING, EMBOSSING

Development and manufacturing of rotary scoring, creasing and embossing tools for the application of product specific profiles in materials such as carton, filter materials, nonwovens and fuel cells.



EMBOSSING

Segments, embossing blades or solid cylinders for the installation into rotary processing machines for the manufacturing of relief or Braille imprints.



SEALING &
EMBOSSING



COLLATING &
FOLDING



GLUING/
BONDING



DISPENSING/
APPLYING



PICK & PLACE

Schobertechnologies stands for innovative high-performance solutions and the efficient processing of technical products

ROTARY FINISHING

MACHINES AND SYSTEMS

PUNCHING

CUTTING

SEALING

EMBOSSING

CREASING/SCORING

GLUING/BONDING



MICRO PERFORATING

LENGTH PERFORATION/SLITTING



CUTTING & PERFORATING



PUNCHING & STAMPING



CREASING, SCORING & EMBOSSING



CUT & PLACE



LASER TECHNOLOGY



PICK & PLACE

Automated high-speed robot (Spider) for stacking and counting of the cut products.



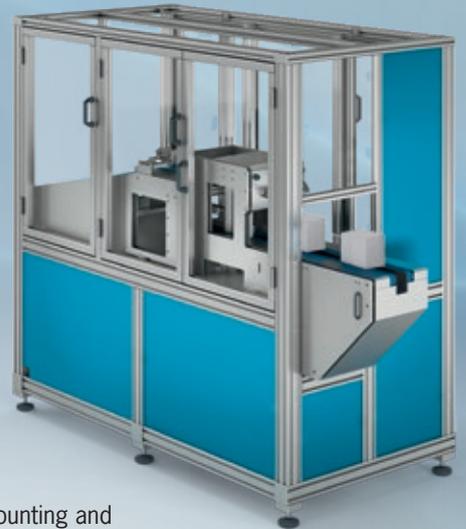
REWINDING

Single or double rewind, single or multi-lane, with interchangeable winding shafts.



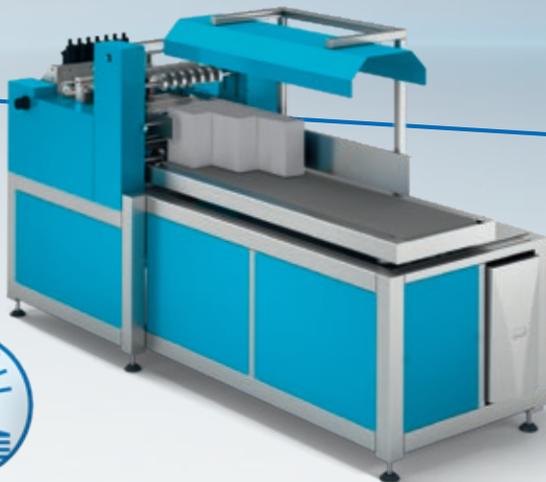
STACKING

AutoStack for counting and stacking of packaging blanks.



FOLDING

Universal high-performance fold delivery.



HIGHSPEED TECHNOVATION



SEALING &
EMBOSSING



COLLATING &
FOLDING



GLUING/
BONDING



DISPENSING/
APPLYING



PICK & PLACE

High-quality products – efficiently manufactured using rotary tools and systems of Schobertechnologies

TECHNOVATION SOLUTIONS

Schobertechnologies supports their customers with high-precision cutting, creasing and punching tools for the production of premium quality products. Our diversified portfolio includes machinery and equipment for a wide range of industries, from office supplies and hygiene products to the electrical, pharmaceutical, construction and automotive industries. The diversity of our customers reflects the diversity of our solutions.



BUSINESS FORMS, SECURITY PRINT AND OFFICE ITEMS

Continuous forms, charting forms, folding forms, special forms, tabulating papers, mailing products, form sets, billing records, pay slips, bank transfers, banknotes, vector cut, vector perforation, data mailer processor, stamps...



LABELS, TICKETS AND WALLETS

Transport perforations, register perforations, ATB wallets, parking and airline tickets, airline ticketing bags, in-mould labels (IML), blow-mould labels (BML), thermoform labels (T-IML), price labels, award labels, tea labels, RFID labels, textile labels...



HYGIENE PRODUCTS AND NONWOVEN PROCESSING

Bandages, diapers, incontinence products, patches, air laids, filters...



FOLDING BOXES, CIGARETTE, LIQUID AND FLEXIBLE PACKAGING

Opening aid, vents, transport and indexing holes, special perforations, liquid packaging, folding boxes, packaging blanks, inspection windows, tear-open support, custom blanks, welds, perforations and cuts, stacking and product handling devices, folding lines on boxes, seal embossing, logo embossing, hot foil and hologram applicators, pour spouts, blister packs, pouches, tea sticks, Braille...



ELECTRICAL AND PHARMACEUTICAL INDUSTRY, MEDICAL TECHNOLOGY

Test strips, battery labels, fuel cells, tablets, circuit boards, ostomy bags, compresses, CD cases, disposable syringes, adhesive plasters, tear-off perforations...



CONSTRUCTION AND AUTOMOTIVE INDUSTRY

Printed circuit boards, air filters, roof sheet protectors, edge liner for tiles, fuel cells...

TECHNOVATION WORLDWIDE

Presence that ensures service.



The team of Schobertechnologies consists of specialized engineers who support you at any time competently in the realization of your projects. No matter whether rotary tools, modules or machines for inline solutions – with us you will be well advised! If you are focused on maximizing your output or special material combinations, please contact us.

We are at your disposal with our wide range of services. Take advantage of the competent and globally available consulting services of our employees and benefit from our engineering. Years of experience in numerous application areas distinguish us. Rely on quality and reliability, because Schobertechnologies works with a quality management system that

has been certified several times according to DIN EN ISO 9001. Rely on our expert customer service as well as on our tools and spare parts stock.

The Schobertechnologies team puts you in a promising competitive position with our technology.

Schobertechnologies GmbH

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