

FAWEMA



History



Know-how and Experience since 1920

FAWEMA was founded by Heinrich Kleinjung in 1920 and called **FABrik für WERkzeuge und MASchinen**. At first the company manufactured twist drill milling machines, drilling machines, bow saws, grinding machines and other metal working tools. Later on, these products were also exported to the UK.



From the mid-thirties onwards, **FAWEMA** was engaged in contract work and government orders, mostly the processing of spare parts for locomotives for the National Railway, contributing to the company's growth. By the end of the forties there was an increased demand for portioned food-stuffs, and **FAWEMA**, together with their engineer Julius Schwirten, an expert for packaging machines, concentrated on the development and manufacture of dosing machines.



In 1949 a small dosing machine was built. Then Edeka ordered 250 dosing machines at one stroke to equip all of their shops and also placed an order for the first automatic filling machine.

Factory workshops and a multi-storey administration building were erected.

Continuously, improvements and new **FAWEMA** products resulted in further expansion. The production program was systematically broadened, first by adding bag filling and closing machines and later by combining them with collating and packing machines into state-of-the-art packaging lines.

FAWEMA today

From a traditional machine and tool construction company established in 1920, **FAWEMA** has evolved to become a market specialist for complete packaging solutions for the filling of bags and sacks.

Today the **FAWEMA** brand reaches every corner of the globe and is renowned for German reliability, efficiency ultra strong build quality in each and every machine produced.

Our product range comprises machines and lines for filling and packaging dry products for almost all areas of application.

FAWEMA brings you the entire know how of packaging technology. We draw up overall design proposals – from product feed to palletizing. Moreover, **FAWEMA** are always open to new developments – new applications, new industries, new packaging technologies.

We do this by investing time and energy, bringing together the most innovative minds and giving our younger engineering talent the tools and ability they need to solve the packaging challenges of tomorrow.

Choosing **FAWEMA** means buying into a wealth of know how, experience and ethical business values which are paramount in delivering success on each and every project that **FAWEMA** undertakes on behalf of our clients worldwide. As a company, we provide solutions to many industries in the



food and non-food sectors. We have come a long way since the days of packing just flour in Germany and now have machine ranges that pack building products, pet foods, sweets and many, many more. We truly are a global company.

FAWEMA are synonymous with reliability and punctual delivery thanks to the commitment of our employees at our factory in Engelskirchen- Ränderoth and our service technicians worldwide.

Since 1920, we are totally dedicated to one thing:
PERFECTION.



Committed

Committed to the future

FAWEMA has the largest machine range for the packing of Flour, Sugar and Cereals in the world. High quality standards and proven technology coupled with innovative solutions have made **FAWEMA** a respected brand name for packing machines worldwide.

We will rise to the challenges of tomorrow, designing and developing new technologies and continuing to deliver on our commitment to produce outstanding quality products required for the increasing industry challenges of the 21st century.

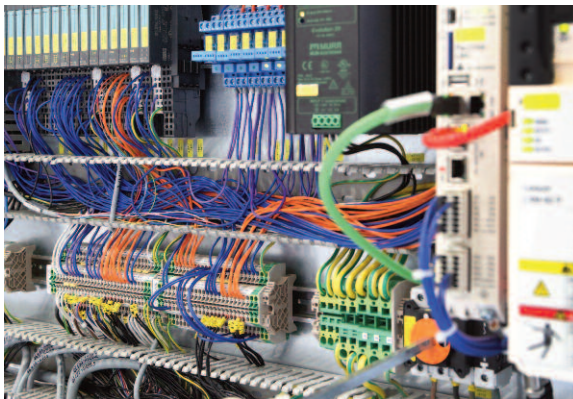
As a company that has delivered thousands of packing lines across the world, we are a dedicated partner also after the delivery of your machine. Our efficient after-sales service team will be on hand to help and guide you at all times whenever the need might arise.

We produce top of the range, automated packing lines, for powder and granular based products.

FAWEMA is a market leader for the design, development and delivery of cam driven and servo driven packing machine lines. We pack retail sized bags, in pre-made paper bags and pre-made plastic bags, also operating with our vertical Form fill seal machines producing and filling bags, from roll stock plastic materials.

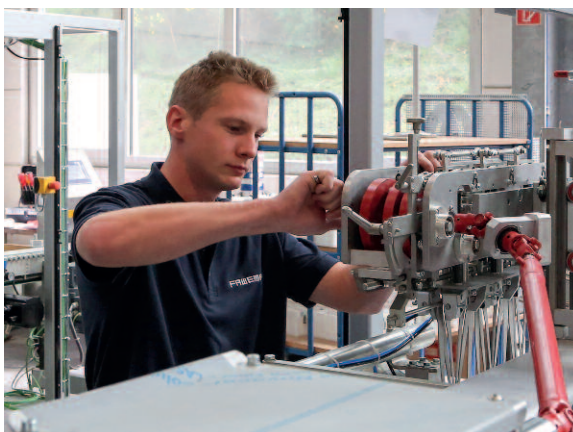
Pre-made bags are delivered to the filling station on our custom made magazines and then on to our unique transport system, guaranteeing perfectly shaped bags, due to the advanced settling techniques we incorporate into **FAWEMA** machines thanks to clever engineering.

What we do



FAWEMA is a committed and diligent part of the community, granting Training programs and Apprenticeships to young people in all aspects of the business. We work closely with Universities to bring new ideas and concepts to reality and work tirelessly to give the next generation the knowledge and guidance to progress in their professional careers.

With a global presence and a loyal customer base we understand the commitment that is needed to keep the machines we build working long into the future. We will achieve this now and in the future by having a dedicated after sales team on hand to deal with all eventualities.



Industries

FAWEMA is primarily renowned for the packing of Flours and Sugars, with the delivery of over 1000 machines worldwide since **FAWEMA** introduced its first machines onto the market.

Over the years, the company has also designed & developed tailor made machine solutions for other important industrial sectors including Pet Food, Tea, Building powders and Charcoal.

A portfolio of some of the leading companies in each industry has been developed thanks to the technological advancements we have achieved and the highly professional manner in which we conduct our business.

Thanks to a talented team of Engineers, that have come to understand and lead the way in the packing of granular and powder based products, **FAWEMA** has been able to pack over 30 different products using a wide range of equipment. Ever changing demands in all industries, whether it be pack size, pack style or the type of packaging material used, **FAWEMA** has created solutions and developed machines that can be easily retro-fitted to be able to react to the trends of the day.

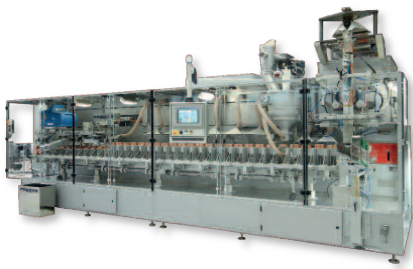
At **FAWEMA** we don't just build packing machines, we are project leaders, bringing our experience to create the correct packaging solution to every project.

The machinery we deliver is diverse and highly flexible, thus allowing us to pack many different product types. We have the capability to take a product, to test this product on different infeed systems and work with you to find a solution for the unique product that you would like to see packed.



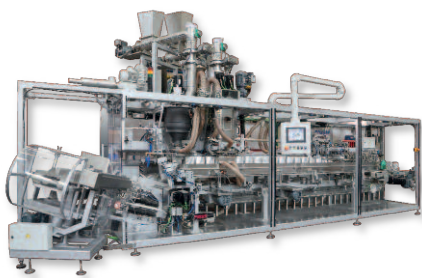
flour & baking mixes

FAWEMA is a market leader when it comes to packing flour based products. Over the years, we have developed machines that cover a range of weights from 50 grams to 25 kg. We use chamber, carousel and circulating transport systems, to settle and seal our bags, before they are delivered to downstream equipment for palletizing.



sugar

FAWEMA has developed machines for the international sugar industry: an industry in which we are operating for the last 50 years. We produce many diverse lines, enabling our customers to pack into pre-made paper and plastic bags and roll stock paper and plastic materials.



gypsum & mortar

We have delivered heavy duty machines to producers of building powders for a number of years. Our machines are working worldwide, packing fluidised power products. **FAWEMA** offers high speed machines with the possibility of having an air tight seal, keeping products safe and secure and eliminating risk of leakage and/or tampering.



pet products

FAWEMA has delivered highly versatile and innovative machines operating at high production rates for the international pet food industry allowing customers to meet market trends and demands.

Bags



Blockbottom bag with flat-top



Block-bottom - gable top - double fold

Bags, sacks and pouches

As a producer of machines that pack hugely different products, from fine powders to bulkier products like wood charcoal and cat litter, we understand the needs of each industry when it comes to the final pack that must be achieved.

FAWEMA equipment is diverse and flexible allowing our customers to utilise a wide range of bags and have a large variety of closure options.

Retail pre-made paper bags and sacks in a weight range of up to 25 kgs can be tightly sealed in a variety of ways, from standard hotmelt glue application to applying labels and top stitching to deliver both brick-style packs and gable top packs.

FAWEMA can also run premade plastic bags on a large range of the machines that we produce.



Bale in shrink-film



Large-bag - stitched closure with handle

Bags



Totani style - premade plastic bag



Open mouth bag



Pillow bag with finger holes

The pre-made plastic can have many different closures, including zip closures and ultrasonic sealing.

Typically, pre-made plastic bags have been used in the Pet food industry, but there has been a shift away from the traditional paper bags in the loose tea, sugar and even flour industries, to pre-made plastic bags.

FAWEMA has in recent times installed machines that can pack into a pre-made paper and pre-made plastic bags.

The underlying reasons that the industries want this flexibility, are the plastic bags can be completely airtight sealed and the bags allow for better marketing and are more visually appealing to the consumer on the shop shelf.

FAWEMA develops and produces its own Form fill and seal machines, which create the bag initially on the machine from roll stock film or film composites. The bags when formed and filled can then be closed in the same way as a pre-made bag.



Stand up - Premade plastic bag

Spare Parts



Stations worldwide

We have stations in many parts of the world offering easily accessible engineers on hand to come to your assistants.

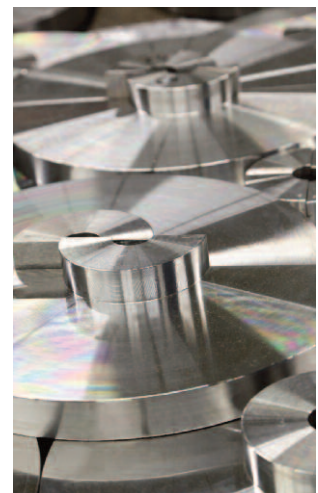


Our After-Sales Service Care and benefits

We take our commitment to our customers very seriously and our philosophy and values underpin this. Whenever and wherever you need us **FAWEMA** offers a strong global presence and an Expert field support team.

Our Aftercare package delivers field service, spare parts, machine upgrades, preventive maintenance, remote service with the speed and know how that one would expect from **FAWEMA**.

Before production begins, operational personnel are expertly & extensively trained, resulting in less down time and ensuring the machine is well maintained and



Service & Benefits



48 hours delivery

FAWEMA has the ability to deliver stocked spare parts from the factory in Germany to the plant in 48 hours.

correctly operated. We know that sometimes knowledge gaps can appear and machine performance can be affected, therefore we can offer familiarisation training programmes to new operators to get the most out of your machine.

An outstanding service team is permanently on hand and just a phone call away to personally deal with and resolve any issues you may have. With the ease of remote access via an internet link up we can eradicate any problems almost instantly.

FAWEMA equipment really does offer optimum return on investment with a plant operating life calculated in decades rather than years and you can rest assured that any investment in **FAWEMA** machinery is a risk-free one.

We want to be part of your Maintenance planning schedule,



to help prevent major faults occurring and deliver a high standard of reliability. We can help you achieve this with annual maintenance contracts, where you will receive a **FAWEMA** engineer to fine tune the machine.

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