

FROMM Holding AG

FROMM Holding AG designs, develops and manufactures a complete line of packaging machines and equipment for unitizing and palletizing industrial loads, such as strapping tools and automatic machines, pallet stretch wrapping machines as well as the patented Airpad™ product protection and void-filling system. Established in 1947, the family-owned business employs approximately 550 people throughout the world. 20 subsidiaries in Europe, the USA and South Africa and more than 50 specialized partners and distributors worldwide guarantee efficient customer service and assistance. Traditional values like continuity, independency and reliable quality products guide the company's corporate policy and represent the success over decades.



Research and development operation

Research and development

At the research center an experienced team of engineers continually develops new techniques and products using the newest 3D CAD computers. Constantly updated testing procedures and equipment guarantee and secure the recognized high FROMM quality standards.



Tool and machine manufacturing

Tool and machine production

In the production operation, FROMM production runs around the clock. Highly qualified teams of specialists using computer-controlled machines manufacture FROMM products designed to meet the demands for high quality. All tools and machines are tested prior to being despatched from the factory. FROMM has been awarded the ISO 9001 certification.



STARstrap™ manufacturing operation

STARstrap™ Polyester strapping production

In its new factory the STARstrap™ Polyester strapping is being manufactured on state-of-the-art extrusion lines. These polyester plastic strappings guarantee the high quality standard of package securing and unitizing solutions using FROMM tools and automatic machines. The new production plant has been awarded the ISO 9001 and ISO 14000 certifications.



Polyester recycling plant

Polyester recycling plant

The FROMM polyester recycling plant recycles used PET bottles into high-quality granules and agglomerates for applications in the plastics industry as well as granulates for the production of PET strapping, films for the food industry and bottles for drinks. The plant has been certified ISO 9001 and ISO 14001.

FROMM stands for development, production, consulting, sales and service – worldwide and all under one roof!

Our experience is your benefit!

FROMM Stretch Wrapping Division is part of the Swiss FROMM group, with research and production facilities in Germany and Italy.



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**FS400 Series
Stretch Wrapping Machines
400% Power Pre-Stretch**

FROMM FS400 Series Economic Stretch Wrapping Machines

Semi-automatic stretch wrapping machines with 30 wrapping programs, equipped with a 2-Motor Power Pre-Stretch system.

Standard technical specifications

Turntable 1.650 mm

Maximum pallet format 1.100 x 1.200 mm

Maximum pallet weight 2.000 kg

Maximum pallet height 2.050 mm

Power supply 230V – 50/60 Hz

Power supply 110V – 50/60 Hz

Extremely complete standard version, including

- soft start and soft stop in 0 position
- audio signal at start of wrap cycle
- adjustable bottom/top wraps
- photoelectric cell for automatic height detection
- adjustable (frequency-controlled) turntable speed
- adjustable (frequency-controlled) upward/downward speed of the film carriage
- adjustable (frequency-controlled) first/second pre stretch motor
- counter for number of wrapped pallets per program
- counter for meters of used stretch film per program
- counter for total number of wrapped pallets for maintenance purposes
- easy to operate integrated touch button control panel, based on a micro-processor with multi language text display, for adjustment of parameters and previously set wrapping programs. Standard 11 languages available
- zero position at 90, 180 or 270 degrees

A brief list of the benefits

- easy to operate and extremely flexible wrapping programs make this machine suitable for almost all pallet formats and loads imaginable
- wrapping can even start at turntable level (automatically adjustable)
- thanks to the FROMM Ultra-Fast changing system, changing the film roll within several seconds is a piece of cake. Open the door, remove the empty roll, place the new roll, close the door and off you go
- the 2-Motor pre-stretch unit makes it possible to realise more than 400% pre-stretch. (1 metre becomes 5 metres)
- using the easy to operate integrated touch button control panel, it is possible to set up any wrapping program you wish
- by blocking these settings through a password, ensures that every type of pallet is wrapped in the most economical manner again and again
- adjustable pallet foot program for extra fixation of goods on the pallet
- adjustable banderol program for extra fixation of goods at different heights
- low-maintenance machine with the usual high FROMM quality
- the design fully complies with all current European quality and safety standards, including CE and IP54

Space saving open turntable

The optional open turntable makes loading with a hand pallet truck easy, specially where floor space is limited. Equipped with an integrated walk-on safety device.

Options

- pallet height 2.600 mm
- turntable 1.800 mm
- open turntable (horse shoe) 1.650 mm
- film cutting unit
- top pressure plate
- remote control
- access ramp
- access ramp for electric pallet truck
- frame for submerged floor mounting
- frequency transformer
- photoelectric cell for black film

Moving the machine

Easy to move using a forklift truck.

2-Motor Power Pre-Stretch unit

The 2-Motor Power Pre-Stretch unit is easy to operate from the touch button control panel, realising a pre-stretch between 10% and 400%. High pre-stretch reduces film consumption, enabling you to achieve the best results at the lowest possible costs, with optimal pallet stabilization and product protection.

Even in case of extremely sharp pallet corners, the machine can be set up in such a way that also with an average quality of film it will not tear or brake. Thus ensuring optimum reliability in combination with economic benefits.

Integrated easy to operate touch button control panel with security code lock and text display to adjust

- film tension at 4 places
- pre-stretch at 4 places
- turntable speed at 4 moments
- number of bottom/top wraps
- upward/downward speed of film carriage
- delay of the photoelectric cell, for film overlap at pallet top
- pallet foot program
- banderol heights to wrap extra layer of film if necessary
- start position on or off
- language selection
- free programming of 30 wrapping programs
- multi layer program
- easy to read error code list



Low bottom wrapping at turntable level

The lowest position of the film carriage is easy to set. It can even start wrapping at turntable level. In this case the pallet will be fully wrapped with the product at the same time.

Ultra-Fast film change

Changing the film roll and feeding the film through is so easy that anyone can do it within seconds.