



since 1892



FSA 1060 Foil Commander

The flagship in performance

FSA 1060 FOIL COMMANDER At a glance.

The foil stamping machine FSA 1060 Foil Commander is used in the print finishing of folded boxes, for example in the Food area (chocolate, confectionery) or the Non-food area (cosmetics, tobacco), as well as in the print finishing of printed matter (greeting cards, labels or magazines). The FSA 1060 Foil Commander is also the machine of choice for many companies in the Security industry. Gietz machines are able to fully demonstrate their flexible performance in the application of registered and non-registered hologram patches and stripes on to banknotes, official documents and in the field of trademark protection.



1. 8'000 sheets per hour

This maximum production speed provides a machine productivity that is 50 to 100% higher than that of competitor machines, with the very best foil stamping and embossing quality.

2. VACUFOIL

VACUFOIL, the high performance foil transportation system with the ability to process foil rolls with large diameter and longest foil pulls at highest machine speeds leading to excellent foil saving capabilities and huge net production output.

3. 350 metric tons of pressure

Maximum pressure at full production speed for the highest level of added value in the foil stamping and embossing process.

4. Dwell time

Due to a highly developed and well proven platen press mechanism, the dwell times under pressure of the Gietz machines remain unique. The dwell time 1 can be increased by 64% without stop and without loss of speed. The dwell time 2 allows the machine to remain under pressure up to 2.5 seconds. These are most important parameters for the fine tuning of foil stamping jobs.

5. POWER Feeder

A solid construction at a high automation level combined with maximum operating comfort allows dynamic sheet transportation at highest production speed. Connections to pallet logistic systems are possible.

6. SMART Register

The patented SMART Register sheet registration system compensates for inaccurate sheet cut and infeed errors, as well as sheet distortion, through the alignment and registration of the sheet by reading of print marks or the sheet edge.

7. Hologram application technology

For the application of positioned holograms and stripes for the security industry, Gietz is long established as a well-proven supplier of industry leading technologies.

8. Core competence and service life

For more than half a century, Gietz has focussed on foil stamping, and Gietz machines are first and foremost designed as foil stamping and embossing systems. User experiences with hundreds of machines have been consistently incorporated and integrated into their design. A Gietz is a Gietz: it foil stamps and embosses giving the highest quality, often for more than 20 years before requiring the first overhaul.

9. Price-performance ratio

The very highest stamping quality, maximum production speed, extremely long service life and reliability. A Gietz machine is well worth its price.

10. Top products for professionals

Foil stamping machines from Gietz are recognized by printers worldwide as industry leading products from professionals for professionals.



FSA 1060 FOIL COMMANDER

Some details.

VACUFOIL

- Longitudinal or transverse foiling operation
- Ergonomic movable swivel arm to house the motor-driven foil webs on 2 levels
- Suction channel frames with loop sensors to house the foil before pulling
- Suction board at press entry for foil web tension control
- Pneumatic vacuum device at press exit with adjustable blowing nozzles for foil separation
- Air cushion shafts to better support the foil travel
- Air induced draft fans with aspiration pipes to generate the vacuum

POWER Feeder

- Solid construction combined with high operating comfort for dynamic sheet transportation
- Inclined suction belt table at sheet infeed of 3°
- Automatic lateral adjustment of sheet guides
- Stepless de-piling and automatic lateral adjustment of main and residual pile
- Nonstop rack-of-swords-system for non-stop pallets
- Special timed rollers and bevelled sheet flap arrangement to ensure smooth sheet feeding
- Automatic suction head positioning



SMART Register

- Sophisticated scanning devices detect register marks
- Highly precise linear motors carry out the sheet positioning
- Pre-setting of all parameters by touch screen



Transverse foil feeding

- For special and demanding jobs
- The number of machine passes are reducible
- For blind embossing and foil stamping with different foil colours, one behind the other, in the sheet running direction



Hologram application

- The hologram foil is unwound using the VACUFOIL foil transportation system
- The foil tension of each hologram foil web is individually adjustable
- The register mark detection happens inside the press or at entry to the press



FSA 1060 FOIL COMMANDER

The facts.

Technical data

- Sheet format: max. 1060 x 760 mm / 41.7" x 29.9"
- Material thickness: max. 2 mm / 0.08"
- Stamping area: max. 1030 x 730 mm / 40.6" x 28.7"
- Speed: max. 8000 strokes/h
- Temperature up to 170 °C / 338°F by 16 individually controllable heating zones
- Pressure of the press: max. 350 tons / 385 US tons
- Foil webs: max. 11
- Foil core diameter: 3" and 1"
- Foil reel diameter: max. 300/350 mm / 11.8"/13.8"
- Foil width: max. 1040 mm / 40.9" min. 10 mm / 0.39"
- **Pile height**
 - At feeder side: max. 1750 mm / 68.9"
 - At delivery side: max. 1500 mm / 59.1"
- **Weight and dimensions**
 - Weight: approx. 29.8 tons / 32.8 US tons
 - Base: approx. 8.25 x 5.7 m / 27.1' x 18.7'
 - Height: 3.75 m / 12.3'

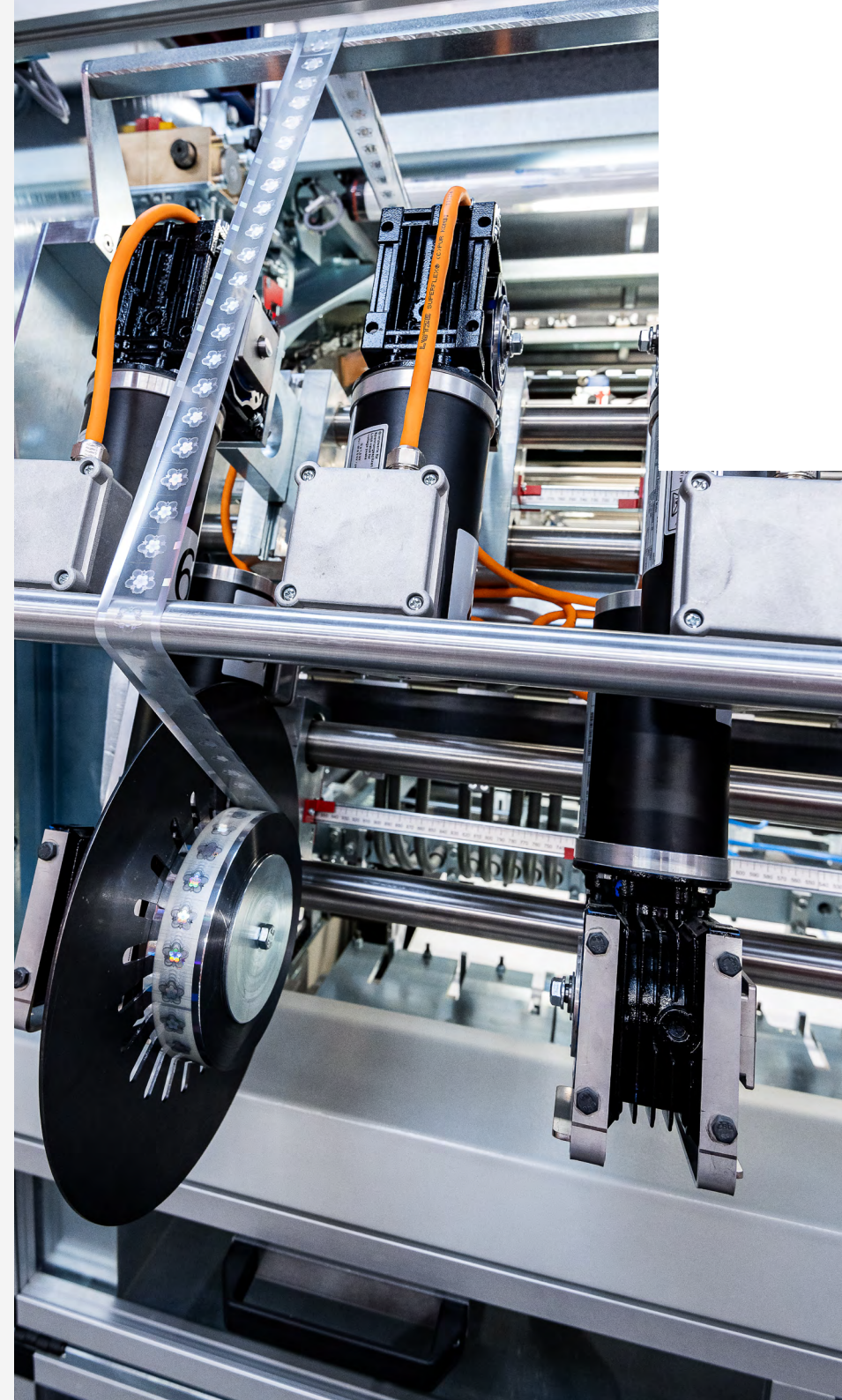


Standard equipment

- Mabeg Feeder
- VACUFOIL foil transportation system
- 3 longitudinal foil feeds
- 8 extremely solid and light carbon gripper bars
- High capacity baling press for waste foils
- Touch Screen machine control
- Selectable dwell time under pressure

Optional equipment

- POWER Feeder
- SMART Register
- Hologram equipment
- Up to 6 longitudinal and 2 transverse foil feeds
- Lifting platform and storage for honeycombs, permanent die mounting plates and die-cutting chases
- Manufacturing Execution System



Gietz Services around the globe



Quality guarantees

All Gietz-machines are provided with guarantees for functionality and material quality. They all have a long service life. The basis for this is the solid technology, which can be relied on at all times. This is proven by the fact that, as a result of the high production reliability and the performance of the machines, numerous customers have ordered further machines after their first one.



Gietz-Service - Security in every case

In order to guarantee the highest possible availability of the machine over decades, we would recommend the consideration of a service contract. The remote service analysis is a component part of this.



Global After-Sales Service

Gietz-machines require a minimum of regular servicing, as the experience of millions of operating hours has been integrated into every machine. For this servicing, you can rely on Gietz and its international partners at all times. This is also the case for the availability of customer service, the rapid arrival of service technicians and the prompt delivery of spare parts – all of which are a matter of pride for us. More than 30,000 different items are in stock. This applies for all Gietz-machines, even if they were purchased many years ago. Service work is only carried out by technicians who have been trained in our factory in Switzerland. You can thereby rely on their specialist capabilities at all times. Gietz and its partners are always there for you, both today and tomorrow.





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Member of:

Arbeitskreis Prägefolien Druck e.V.

ECMA European Carton Makers Association

FSEA Foil & Specialty Effects Associations

Paperboard Packaging Council

International Currency Association