



since 1892



SECUR 520 / 1100

The Distinctive

SECUR 520 / 1100

At a glance.

The hot stamping lines SECUR 520 and SECUR 1100 are optimal solutions both for low and high security applications such as cheques, tax stamps, tickets, labels, identification tags, parking tickets and pharmaceutical, cosmetic and tobacco packaging. This rotary hot foil stamping technology can be fully customised to meet specific customer needs, and is the perfect solution to achieve impressive results in the anti-counterfeiting field.



1. High speeds

The SECUR 520 and SECUR 1100 run at up to 120m/min / 394'/min and 250m/min / 820' / min respectively. The rotary principle allows high speeds to be achieved, with perfect foil transfer across the web with very high accuracy.

2. Number of foil webs on request

The number of transfer stripes can be specified to meet customer choice. For example up to 20 foils can be configured at the 520 mm / 20.5" width of the SECUR 520 by using an optionally available foil distributor system that allows a minimum distance between each foil web of 25mm / 1".

3. No foil waste

Using rotary technology, the transfer of a specific foil shape can be made without any production waste. The SECUR system allows the transfer of 3-12mm / 0.12- 0.47" foil web widths in both versions, metallised and demetallised.

4. Foil web tension control

The mechanical brake block used in the foil unwinding section allows individual foil tension set up. This ensures avoidance of material stretching which can compromise application quality.

5. Equipment upgrading

To upgrade machine production capacity or integrate new jobs, a range of additional equipment is available and can be retrofitted at any time.

6. Different substrates possible

The SECUR system adapts to any kind of web substrate:

- Cotton based papers and boards
- Chemical/thermic substrates
- Self-adhesive papers with silicon support for labels
- PVC / plastics
- Aluminium

7. Hologram application technology

For hologram application in the security industry, Gietz is long established as a well-proven supplier of industry leading technologies. The SECUR line offers a high quality solution for the anticounterfeiting market.

8. Core competence and service life

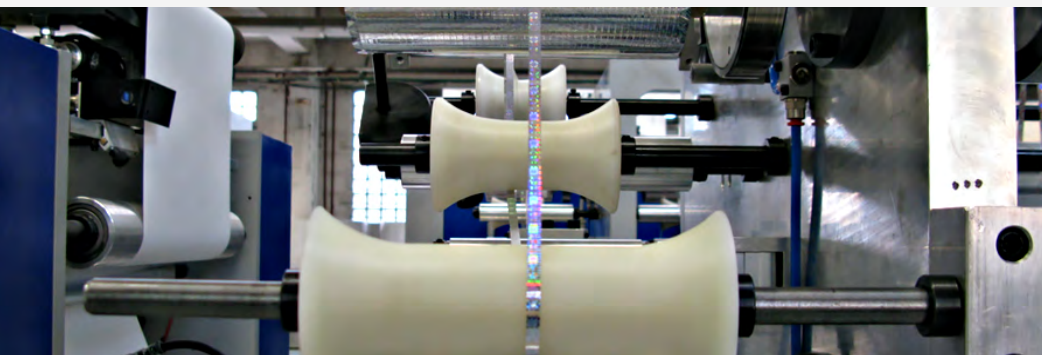
For more than half a century, Gietz has focussed on foil stamping, and Gietz machines are first and foremost designed as foil stamping and embossing systems. User experiences with hundreds of machines have been consistently incorporated and integrated into their design. A Gietz is a Gietz: it foil stamps 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.



SECUR 520 / 1100

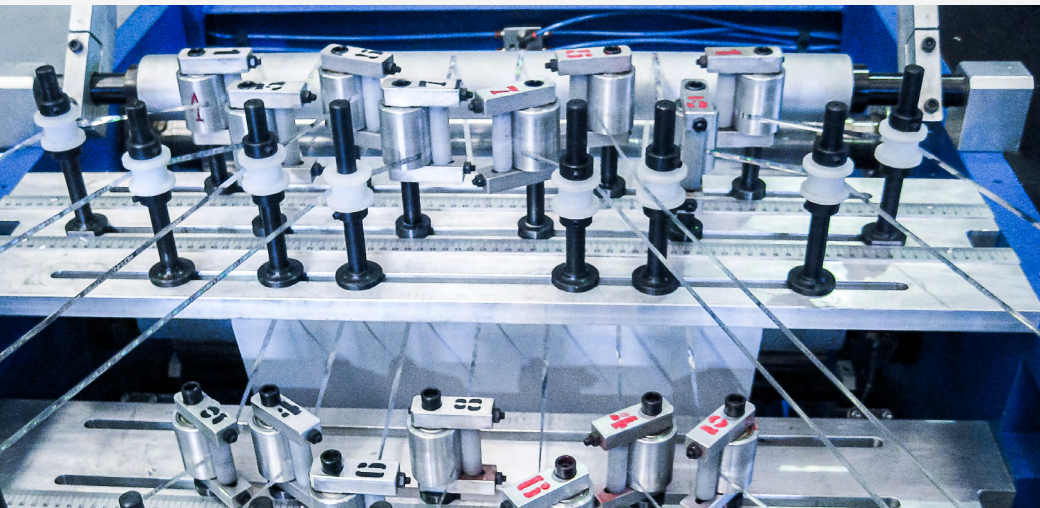
Some details.

Foil feeding device

The foil feeding device consists of rollers, graduated bars and brake blocks. There is a specific reference numbering to position the foil, starting from the unwinding section and reaching to the hot foil stamping unit. This system allows perfect stripe application in the longitudinal substrate web direction. Additionally, an electronic web guide system allows perfect alignment between the substrate web and the hologram stripe.

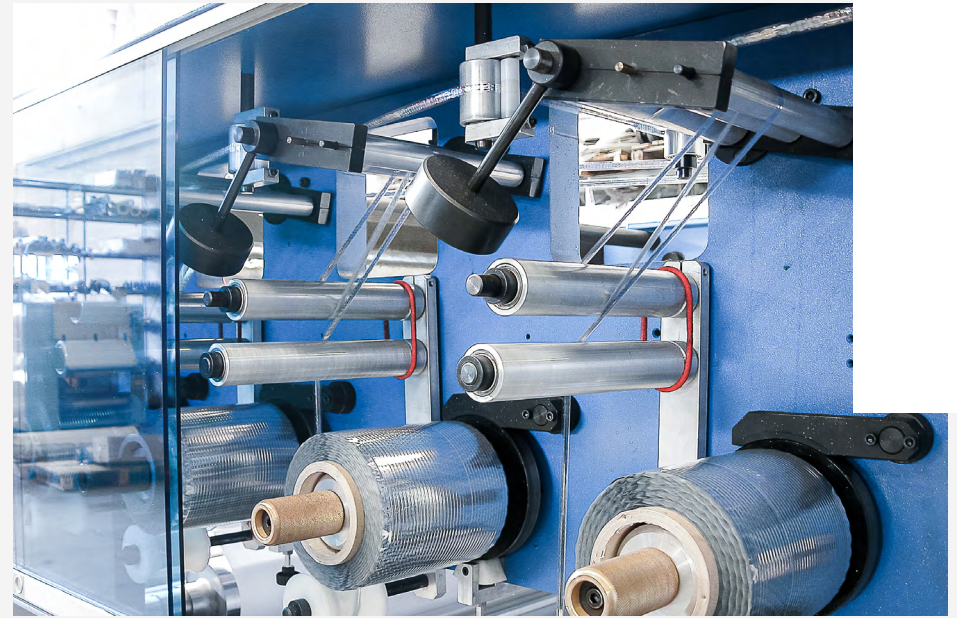
Hologram application

A rotary system carries out the hologram stripe application. Foil and substrate web are constantly unwound. The foil tension of each hologram foil web is individually adjustable. A special pressure wheels system allows maximizing the applicable number of foil webs.



Pancake or criss-cross bobbin runnable

The secure machines are able to run either Pancake or Criss-Cross bobbins. Criss-Cross bobbins allow a high production output due to the high amount of foil meters on the roll. Both kinds of foil reels are precisely controlled when feeding into the machine.



No foil waste

The stripe transferring takes place both for metallised and emetallised holograms across the whole length and the whole width of the foil surface. Immediately after the application, a suction unit removes the foil carrier film waste and thus the inal product is ready for the next production step.



SECUR 520

The facts.

Technical data

- Substrate web width: max. 520 mm / 20"
 - Substrate weight: max. 280 g/m²
 - Substrate reel diameter: max. 1270 mm / 50"
 - Speed: max. 120 m/min / 394'/min
 - Temperature: Up to 250 °C / 482 °F
 - Foil webs: Up to 20 foil webs by special pressure wheels system
 - Foil core diameter: 3" and 1"
 - Foil width: max. 12 mm / 0.47"
 - Application distance between 2 foil webs: Standard: 40 mm / 1.6"
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- **Weight and dimensions**
 - Weight: approx. 5 tons / 5.5 US tons
 - Base: approx. 6 x 2.5 m / 19.7' x 8.2'
 - Height: 1.9 m / 6.2'
- min. 250 mm / 10"
 - min. 60 g/m²
 - min. 3 mm / 0.12"
 - Optionally: 25 mm / 1" by special pressure wheel system



SECUR 1100

The facts.

Technical data

- Substrate web width: max. 1100 mm / 43.3"
 - Substrate weight: max. 320 g/m²
 - Substrate reel diameter: max. 1270 mm / 50"
 - Speed: max. 250 m/min / 820' / min
 - Temperature: Up to 250 °C / 482 °F
 - Foil webs: Up to 30 foil webs by special pressure wheels system
 - Foil core diameter: 3" and 1"
 - Foil width: max. 12 mm / 0.47"
 - Application distance between 2 foil webs: Standard: 40 mm / 1.6"
-
- **Weight and dimensions**
 - Weight: approx. 9.8 tons / 10.8 US tons
 - Base: approx. 6 x 3.1 m / 19.7' x 10.2'
 - Height: 2.2 m / 7.2'
- min. 400 mm / 15.8"
 - min. 60 g/m²
 - min. 3 mm / 0.12"
 - Optionally: 30 mm / 1.2" by special pressure wheel 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:

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ECMA European Carton Makers Association

FSEA Foil & Specialty Effects Associations

Paperboard Packaging Council

International Currency Association