PETER · Digital foil embellishment

Digital foil effects for labels, cards, packaging and ribbons, without an embossing die. HT250 for rolls, HT300 for sheets and roll material.



Rental programme

from Silver

Technical data

Print resolution	**303 × 303 DPI**

Application and equipment

Business area	**Converting**
Machine type	**Desktop / compact, Standalone**
Web width classes	**330 mm (Standard), 350–370 mm (Erweitert)**
Applications	**Varnishing / embellishment**
Industries	**Chemicals, Food & Beverage, Industrial / automotive, Cosmetics / beauty, Logistics / supply chain, Pharma / healthcare, Retail / fashion**

Description

Your idea becomes a foil effect.

Gold lettering on a card. A metallic motif on a label. An individually designed gift ribbon. PETER applies digital motifs directly to the material with suitable transfer foils, without an embossing die and without a tool for every new design. This produces samples, one-offs and short runs as well as personalised print products.

PETER in action: the film.

84 seconds from practice: foil application, fine motifs, embellished print products and impressions from the trade fair stand. With German text elements and music.

What you can produce with PETER.

- **Labels with accents:** lettering, logos and decorative motifs for suitable wine, spirits and cosmetics labels.
- **Cards and invitations:** metallic details, names and individual designs on suitable sheet materials.
- **Packaging and promotional items:** samples and short runs with special colour and foil effects.
- **Gift, bow and decorative ribbons:** individual lettering and motifs on suitable ribbons, particularly with the HT300 variant designed for this purpose.
- **Personalised products:** changing names and designs without a new embossing tool for every design.
- **Special applications:** effect and security foils after assessment of foil, material and required function.

Your advantages in day-to-day production.

- **Digital instead of a dedicated motif tool:** design via the software or the Windows printer driver; PDF-based workflow depending on the version.
- **No upstream toner or adhesive application:** PETER works with direct thermal transfer on suitable materials.
- **Flexible for small quantities:** samples and individual designs can be produced without job-specific plate making.
- **Fine details and solid motifs:** thermal transfer head with 303 × 303 dpi.
- **Foil saving mode:** unused foil sections can be used for further applications; the saving depends on the motif and the process.
- **Many materials and products:** suitable papers, boards, films and, depending on the version, polyester ribbons.
- **Compact technology:** can be integrated into your own production workflow as a benchtop unit, easy to operate and low-maintenance.
- **In-house embellishment:** show samples at short notice and test customer requests directly with your own material.

Gold, silver and a wide range of foils.

Depending on the application, the selection includes **gold, silver, black, other colour and metallic foils as well as holographic foils**. In addition, there are suitable special foils, including fluorescent, invisible and security versions. We match the effect and transferability to your material. A foil selection is no commitment to simultaneous multi-colour processing; we plan the sequence for several effects on the basis of the design.

HT250 or HT300, to suit your product.

PETER HT250 is designed for roll material and positioning on control or register marks. A roll unwind is part of the equipment described; a rewind can be added as an option. When required, the mark control positions the web by moving forwards and backwards.

PETER HT300 offers an automatic sheet feeder with delivery and processes suitable sheet and roll materials. It is also suitable for long print products and decorative ribbons. When processing roll material, this version has no integrated unwinder or rewinder and no automatic register mark control.

Merkmal PETER HT250 PETER HT300 Schwerpunkt Rollenmaterial Bogen und Rollenmaterial Maximale Veredelungsbreite 250 mm 300 mm Materialbreite bis 330 mm 55–350 mm Materiallänge nach Auftrag und Rollenauslegung 100 mm bis 10 m laut Ausführung Materialgrammatur ca. 60–700 g/m², materialabhängig ca. 80–700 g/m², materialabhängig Auflösung 303 × 303 dpi 303 × 303 dpi Produktionsgeschwindigkeit ca. 1,5–5 m/min ca. 1,5–5 m/min Zuführung Rollenabwicklung enthalten; Aufwicklung optional Automatischer Bogenanleger für ca. 50–100 Bögen mit Auslage; keine integrierte Rollen-Ab-/Aufwicklung Automatische Passermarkensteuerung vorhanden in dieser Ausführung nicht vorhanden
Technical values apply to the versions described. Material, foil, motif and equipment determine the achievable quality and output. To help with the selection, we recommend a sample run with your original material.

See PETER live.

What does embellishing your product cost?

For your costing, we look at run length, motif size, foil consumption, material, required passes and operator time together. This makes it possible to assess which PETER version is suitable and what the embellishment costs per piece will be. Tell us your target product or bring your print file and your material to the demonstration.

The machine is only the tool. We deliver the solution.

RENT–TEST–BUY @PAUL

Rent the machine, produce under real conditions and decide afterwards. If you buy, part of the rent is credited.

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Consultation and quotation

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Despite careful checking, all information is provided without guarantee. Values depend on configuration and equipment. Subject to technical changes.