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What we strive to achieve!

It is our goal to offer systems and services which are tailored to the needs of the customer and ensure optimum production processes. Here we orient ourselves on three central criteria:

Functionality: We gear our services (development, maintenance/service) to the customer benefit. Thanks to the experience of our employees and the know-how which we have developed with innovations, we can cover all functions which are important for printing and finishing labels and packaging.

Flexibility: We continuously work to optimise our machines and units. Simple organisational structures allow us to react quickly to new requirements and to guarantee short lead times.

Reliability: We see ourselves as the partners of our customers and suppliers. In terms of long-term collaboration we regard reliability and value for the price to be the decisive factors.

Our Offer

Experience and know-how as the basis. Graficon Maschinenbau AG was established in 1992. «Customer proximity» and the consistent orientation of products and services to specific customer requirements were the first priority from the very beginning. Accordingly we have systematically expanded our product range over the years:



Services swiss quality

Technical Support – Maintenance – Consulting

If you need Technical Support, Maintenance or Consulting, we are always the right partner for following machine systems:

Graficon	Arsoma
Ilma	Bobst *
Gallus	Grafotronic / Wasberger



Digital printing

The PUMA R is a digital printer (UV inkjet) with integrated processing and finishing options. The PUMA iR and PUMA iT can also be integrated in existing printing machines.



Services swiss quality

We support you with our services and spare parts to ensure that your machinery is always ready for production. Simple organisational structures enable us to react quickly to your requirements and ensure short processing times.

If you need Technical Support, Maintenance or Consulting, we are always the right partner for following machine systems:

Graficon

Ilma

Gallus

Arsoma

Bobst *

Grafotronic / Wasberger

* narrow-web multi-process printing and converting machines



Technical Support

Hotline

Service calls

Spare parts



Maintenance

Repairs on site

Machine inspections

Maintenance contracts



Consulting

Technical Consulting

Commercial Consulting

Training



PUMA R basic machine

Technical data:

Digital printer unit: mprint with 4-colour print CMYK

Option: white + varnish

Width of reel: 220 mm

Print width: 216 mm

Resolution: 600 x 600 dpi (physical)

Droplet size: 3 / 7 / 11 / 14 pl.

Print heads: Kyocera

Print materials: Paper, PP, PE, PVC, metallic paper/foil

Specifications PUMA R

1. Infeed

- Unwinder with dancer
- Web regulation
- Splicing table, pneum.
- Options: Web cleaning, Corona unit

3. Rotary die-cutting

- Single drive

4. Rewinding

- Matrix rewind unit

Specifications PUMA R basic machine

2. Digital printing unit

Mechanical design	Prepared for mounting of 6 print head, including pinning
Substrate table	for guiding the web of material below the print heads
Cleaning/ maintenance	unit consisting of ink-collector, ink recirculation and automatic wiper
Intermediate drying	<ul style="list-style-type: none"> • UV LED • air-cooled • power approx. 3 watts/cm² • adjustable via machine control
Final drying	<ul style="list-style-type: none"> • UV LED • water-cooled • power approx. 20 watts/cm² • adjustable via machine control
Ink supply system	<ul style="list-style-type: none"> • Ink tank with integrated pump, level control and filter unit • intermediate tank with level control, integrated into the print head
System control	<ul style="list-style-type: none"> • PLC/motion controller for controlling the linear units, drying units, maintenance unit, ink supply system • Sensor for synchronization of webspeed and print speed • PC with touch screen for machine operation • Software for machine control and processing image data • Color Management and RIP software included as standard

PUMA options

Cold foiling

Laminating unit

Varnish unit

Semi Rotary die-cutting

Graficon components

Graficon's components cover a broad spectrum of print, processing and finishing technologies for the labelling and packaging industry. Sheet cutters, booklet solutions, digital print, screen-printing units and accessories all flow into solutions for expanding and complementing your existing machinery.



PUMA iT / PUMA iR

The digital printer can be integrated in a Graficon T200 or Gallus T180 / T200 label printing machine as well as in a RPS220, Gallus R160 or R200 rotary machine.

The PUMA iT / iR is a low-cost, entry-level digital print solution. It lets you enjoy the tried-and-tested technology of your existing machinery and the advantages of digital print. You can continue using your existing tools. This combination enables you to print, finish and process labels all inline.

Technical data:

[Go to page 9 for more information](#)

BSM 340

The sheeting machine is used to cut single labels or sheets from reels. A printed or a non-printed substrate from reels can be cut into sheets lengthwise and/or crosswise. Length-cutting is done by pneumatically operated crush-knives. Cross-cutting is done by upper and lower knives.

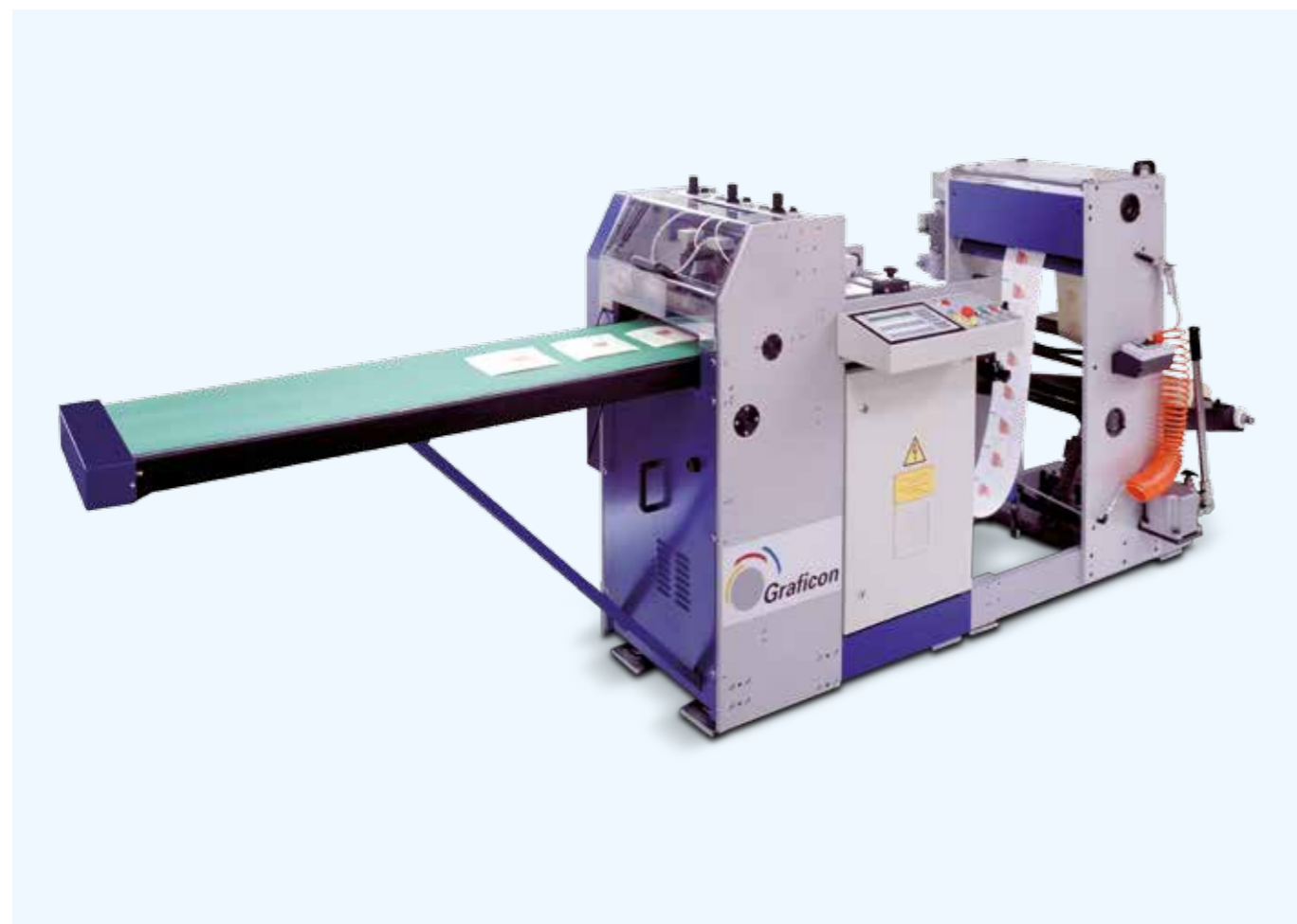
The cutted sheets fall on a conveyor belt of approx. 1.5 meters. The number of sheets per pile can be preselected. After having reached the number of sheets the web advances time controlled.

Advantages:

Very fast and accurate format-change by simple keyboard-touch panel
 Format length infinitely variable
 High production-output
 Silent, continuous web transport • Select format size via keyboard or scanner
 Simple change of knife

Technical data:

Web width max. 340 mm
 Unwind max. Ø 1000 mm
 Unwind spindle standard Ø 76 mm (3")
 Sheet length max. 610 mm
 Cutting length infinitely adjustable (min. 0.05 mm)
 Capacity at cutting length 50 mm approx.. 17'500 l/h
 Capacity at cutting length 300 mm approx.. 9'500 l/h
 Capacity at cutting length 600 mm approx.. 6'000 l/h
 El. Equipment 3 x 400 V / 50 Hz



UT250

The UT250 is a Rewinding-Table with following properties

- Checking, winding and cutting
- Easy change of direction
- Adjustable (maximum 60°)
- Easy handling
- Forward and reverse
- Track tension and Speed control

Technical data:

Web width max. 250 mm
 Max. Roll diameter: 450 mm
 Max. Speed: 200 m/min
 El. Equipment: 220 V / 16 A
 Table Size: 1100 x 850 mm
 Counter max. 99'000



Screenprinting unit

Graficon's screenprinting unit can be integrated in Graficon and BOBST* machines. This gives you the opportunity to retrofit your machines to print multi-process labels. The unit can be installed in the flexo-head with a transport trolley and connected with the machine simply by one compressed air hose.

Advantages:

Quick and simple format change
Fast and easy change from flexo to screen printing
Adjustable squeegee holder

Technical data:

Machine-systems: ilma, uniQ, BOBST*
Printing width: 280, 340, 370, 430, 530 mm
Printing format range: 12" - 25"
Accepts stencil-material: TEC SCREEN (Kocher&Beck), SCREENY (Gallus), ROTAPLATE (Stork)

Optional accessories:

Peristaltic ink pump, Pneumatic ink pump, Ink level monitor, Stencil-preparation equipment

Stencil welding unit

With Graficon's stencil welding unit, you can convert the exposed stencil from sheet into a cylinder yourself, providing you with a more flexible production. The stencil welding unit can be used with standard stencil-materials and most machine systems.

Advantages:

Quick and simple format change
Easy handling
Compact size

Technical data:

Machine-systems: Graficon, ilma, uniQ, BOBST*, Gallus, Arsoma, Stork
Printing width: 160, 200, 250, 280, 300, 340, 420, 430, 530 mm
Accepts stencil-material: TEC SCREEN (Kocher&Beck), SCREENY (Gallus), ROTAPLATE (Stork)

Optional accessories:

Welding thread, Additional pin positions



Advantages:

Stainless-steel housing, movable on reels
Washing container with glass-cover
Cleans two stencils simultaneously
Compact size

Technical data:

Format sizes: 12" - 25"
Stencil length max 430 mm

Screen Cleaner

With Graficon's Screen-Cleaner you can wash-out the ink and clean the rotary-screen stencils inside and outside after printing is completed. This allows you to store the stencils properly and clean, ready to be used again.



Format cutting unit

With Graficon's format cutting unit you can accurately cut the stencil material from the roll to the sheet in the required format width and length. This makes your production independent and flexible. The format cutting unit can cut all standard stencil materials.

Advantages:

Fast and accurate cutting of the sheets
Easy and ergonomic handling
You cut exactly what you need

Technical data:

Covers all format-sizes 9" - 25"
Machine-systems: Graficon, ilma, uniQ, BOBST*, Gallus, Arsoma, Stork
Printing width: 160, 200, 250, 280, 300, 340, 420, 430 mm
Accepts stencil-material: TEC SCREEN (Kocher&Beck), SCREENY (Gallus), ROTAPLATE (Stork)

Optional accessories:

Can be equipped to cut sheets for multiple machine-systems

Stencil mounting unit

With Graficon's stencil mounting unit, you can easy, fast and accurately fix the end-rings to the welded stencil and at the same time precisely align the two gears to each other. The stencil mounting unit can accept standard stencil materials.

Advantages:

End-rings are quickly fixed/glued to the stencil
Accurate positioning of the end-rings/gears
Easy and ergonomic handling

Technical data:

Machine-systems: Graficon, ilma, uniQ, BOBST*, Gallus, Arsoma, Stork
Printing width: 160, 200, 250, 280, 300, 340, 420, 430, 530 mm
Accepts stencil-material: TEC SCREEN (Kocher&Beck), SCREENY (Gallus), ROTAPLATE (Stork)

Optional accessories:

Adapter for different web-width, Special adhesive, Screen filler



Advantages:

Quick and simple format change
Easy handling
Compact size

Technical data:

Machine-systems: Graficon, ilma, uniQ, BOBST*, Gallus, Arsoma, Stork
Printing width: 160, 200, 250, 280, 300, 340, 420, 430, 530 mm
Accepts stencil-material: TEC SCREEN (Kocher&Beck), SCREENY (Gallus), ROTAPLATE (Stork)

Optional accessories:

Additional pin positions, Mounting plates



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Graficon Maschinenbau AG is a SN EN ISO 9001:2000 certified company