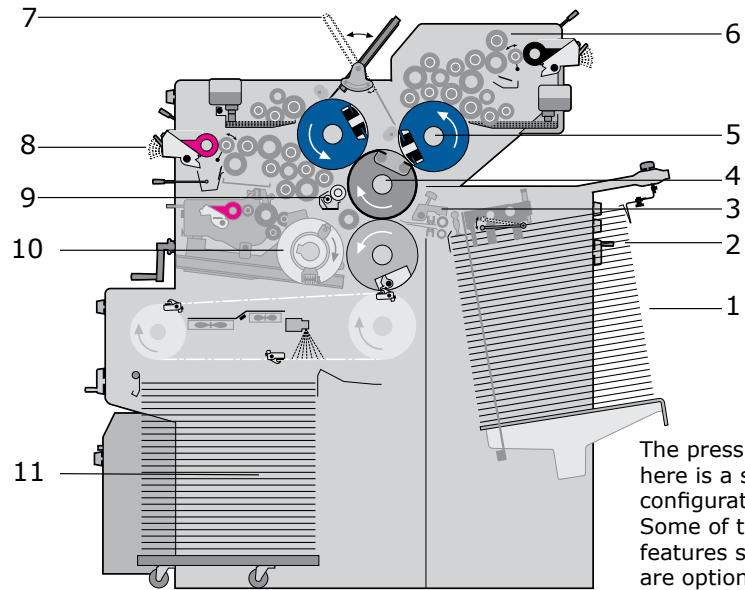


## BaumPrint 18 multi-color press

- 1 The feed table ensures rapid loading of very different formats.
- 2 The central format setting for feeder and delivery produces short setup times.
- 3 The electronic sheet travel monitoring system delivers optimum reliability in production.
- 4 Bearer-to-bearer pressure and helical gearing ensure a long service life and consistent quality.
- 5 Simple register setting on the fly cuts makeready times.
- 6 The efficient inking/dampening system ensures high print quality in the production run.
- 7 AutoPlate with integrated register system delivers rapid plate changes.
- 8 The laser-slit knife-type ink fountain allows ink zones to be set without side effects.
- 9 The automatic blanket washup device cuts makeready times.
- 10 Numbering, imprinting and longitudinal perforation in a single pass extends the range of applications.
- 11 The compact delivery with sensor-controlled pile lowering and delivery fans ensures paper is deposited reliably.



The press shown here is a sample configuration. Some of the features shown are optional.

### Specifications for BaumPrint 18

#### Printing stock:

Minimum sheet size .....	140x89mm [5.5"x3.5"]
Min w/small-format add-on .....	100x100mm [3.94x3.94"]
Maximum sheet size .....	460x340mm [18.11 x 13.39"]
Maximum print format .....	453x330mm [17.83x12.99"]
Thickness .....	0.04-0.3mm [0.0016-0.012"]
Gripper margin.....	7mm [0.28"]

#### Print output:

Maximum .....	10,000 sheets per hour
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#### Plates:

Length x width .....	505x340mm [19.88x13.39"]
Substrate .....	Metal/polyester
Thickness .....	0.1-0.2mm [0.0039-0.0079"]

#### Pile heights, including pile carriage:

Feeder .....	490mm [19.29"]
Delivery .....	540mm [21.26"]

#### Sample configuration dimensions for BaumPrint 18:

Number of printing units.....	2
Length x width x height.....	150x127x153cm [59.06x50x60.24"]
Shipping dimensions:.....	155cmLx114.3cmWx173cmH [61x45x68"]
Shipping weight: .....	1073kg [2365lbs.]
Electrics: .....	220/1/60, 13.2 amps operating, 3 kw

Technical data can vary according to job, ink, printing stock and, possibly, other factors.

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E-mail: [baumfolder@baumfolder.com](mailto:baumfolder@baumfolder.com) • Internet address: <http://www.baumfolder.com>



**BAUM**

1660 Campbell Road  
P.O. Box 728  
Sidney, Ohio 45365

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# BaumPrint 18



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# Efficiency in small-format offset printing

With its high level of automation, the BaumPrint™ 18 creates the ideal conditions for cost-effective production of one- two-, and multi-color jobs



The compact single-sheet feeder can handle an exceptionally wide range of formats and printing stock.

## The feeder for short makeready times.

The space-saving compact feeder has been designed to enable frequent and rapid format changes. It enables printers to process the widest range of printing stock, from lightweight paper to card. The feed table supports rapid format changeovers and ensures that sheets lie perfectly flat – whether postcards or A3+ [11x17"] size.

The key performance characteristics of the BaumPrint 18 feeder include outstanding sheet separation, precise sheet alignment and less waste.



The BaumPrint 18 printing unit delivers superb color brilliance and top quality.

## The printing unit – precision and time savings in one.

The AutoPlate plate changer enables you to achieve fast, register-accurate plate changings at the touch of a button, thereby effectively cutting makeready times.

The large inking unit delivers consistent, high-quality inking results, even for solids. The laser-slit knife-type ink fountain is ideal for rapid and precise setting of the required ink profile – a huge advantage, in particular for shorter runs.

The alcohol-free direct continuous dampening system produces a rapid and stable ink/water balance. Your print items dry faster because of the small amount of dampening solution applied. You can reduce startup waste by adjusting circumferential and lateral registers on the fly, which raises productivity.

## Guided to perfection – sheet travel.

Perfect sheet guidance is essential for high print quality and mark-free sheets. Bearer-to-bearer pressure in the BaumPrint 18 delivers precise dot transfer and consistent print results. Helical gearing ensures the press runs smoothly even at high production speeds. The solid construction of the press ensures a long lifespan and high availability.

## The delivery that produces a neatly stacked pile.

The compact delivery can be adjusted for all kinds of formats and materials quickly and without tools. Central setting of the lateral sheet guides in the feeder and delivery, the finely tuned interplay between sheet stop and sheet jogger, and the delivery fans all combine to ensure precise stacking.

The optional line powder spray device is the ideal add-on for reliable production. You can fine-tune it to the form being printed.

## The press control system that makes your job easier.

The integrated operator guidance makes your job as a press operator easier and speeds up the learning process. Thanks to the microprocessor control, you can monitor and manage all key processes from the central console. Extensive automation helps make production exceptionally reliable.

## Special applications for special requirements.

Printing, numbering, and perforating in a single pass. The numbering device makes your press even more versatile, speeds up job processing and satisfies special customer requirements. A comprehensive range of add-ons enables you to extend the range of applications your press can handle.



The well illuminated delivery can be adjusted for all kinds of formats and materials quickly and without tools.

## The advantages for your printing process:

### • Makeready times:

The AutoPlate automatic plate changer enables rapid job changes and cuts makeready times.

### • Productivity:

The high level of automation enables you to complete a large volume of jobs in a short time, thereby delivering measurably greater efficiency when producing one- and two-color commercial jobs.

### • Quality:

The large inking unit, alcohol-free direct continuous dampening system and smooth sheet travel deliver consistent, high-quality print results.

### • Cost-effectiveness:

You can produce one- and two-color jobs using a range of formats and print-ing stock incredibly cost-effectively.

### • Ergonomics:

You benefit from the ease of use and compact, space-saving construction of the press.

## BaumPrint 18 Standard Equipment

- Microprocessor control
- Operator guidance
- Pneumatic circuits
- Feed table for all formats
- Central format setting
- Add-on for small formats
- Laser-slit knife-type ink fountain
- Alcohol-free direct continuous dampening system
- Washup device for inking/dampening device
- Circumferential, lateral and diagonal registers
- AutoPlate
- Automatic blanket washup device
- Tilttable feed table
- Guide strap for cardboard
- Super Blue delivery drum
- Plate punch

## BaumPrint 18 Optional Equipment

- Line powder spray device
- Anti-static device
- Device for numbering, imprinting and longitudinal perforation

The combination of individual features may differ from country to country. This list only represents a selection of available features.



Phone: 937/492-1281 or 800/543-6107 • Fax: 937/492-7280  
e-mail: baumfolder@baumfolder.com  
Internet address: <http://www.baumfolder.com>