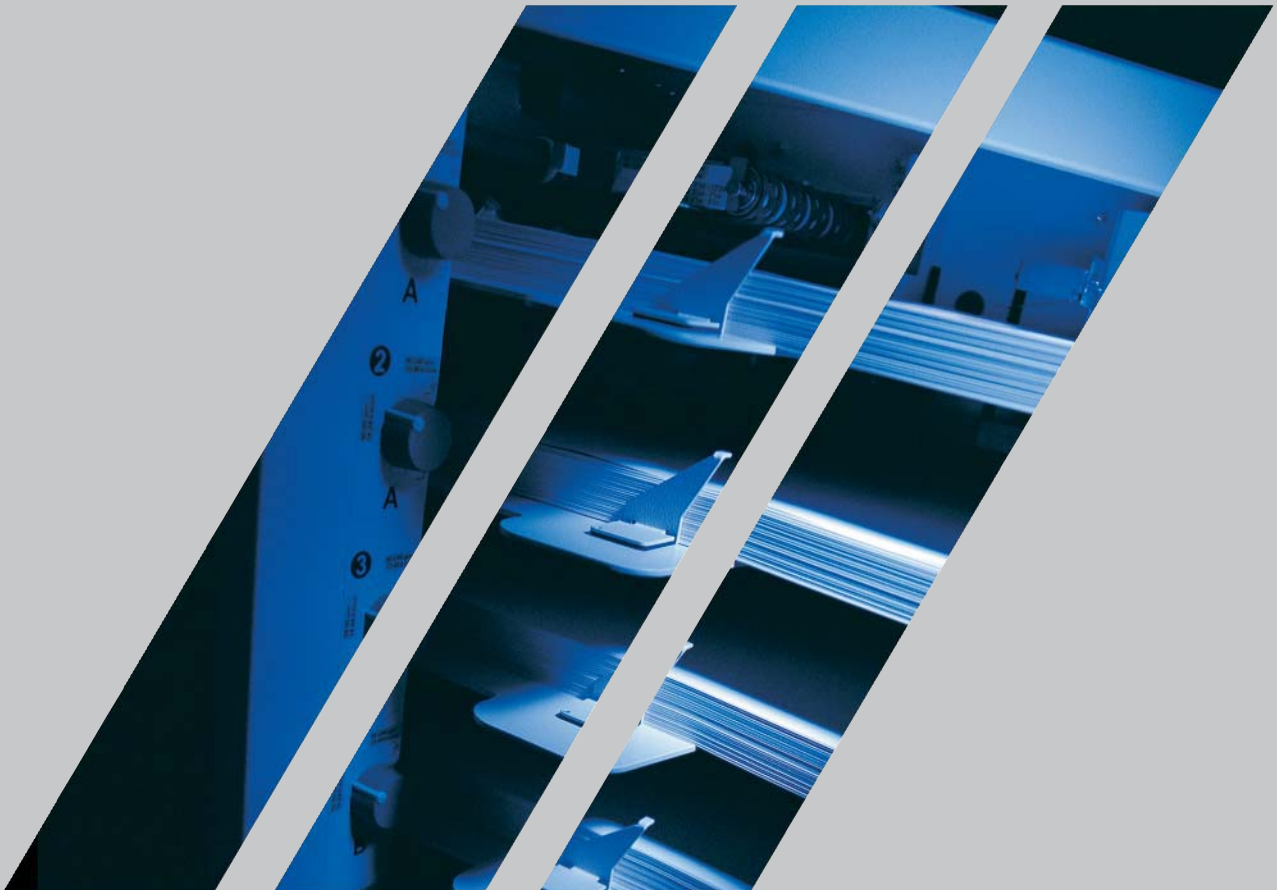# Vacuum Feed Finishing System

Plockmatic 1000
FeederPro

Two systems in one – smart feeder function and high speed collating. The ultimate binding system for most print applications.

In most cases, today's printing environment needs to handle documents from digital printers/presses as well as from traditional offset presses and duplicators. The required print volume and quality determine the appropriate printing method. In many cases the finished booklet has been p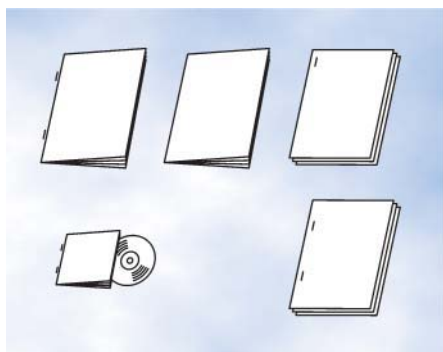rinted on different print engines and thus needs to be merged. Also, prints from a digital engine come pre-sorted whereas the offset press or duplicator require sorting/collating. All this taken together is a challenge for the finishing devices in order to keep a good workflow. The FeederPro System is designed to do the job!

Plockmatic 104 SquareFold

By adding the SquareFold module, you get the same professional flat finish as a perfect bound (glue bound) book but at a fraction of the price. Enhance the apperance with text printed on the spine making them have that magazine/book look.

Plockmatic 1020 BinderPro and 1030 Trimmer

The fully automatic, state of the art Plockmatic 1020 BinderPro booklet maker and Plockmatic 1030 front edge trimmer are designed for todays print output. They handle not only normal colour prints but also newly printed material from digital printing systems and produces up to 2600 saddle stapled and folded front edge trimmed booklets alternatively side or corner stapled booklets per hour. Automatic format settings and memories for customer sizes.

Display. Large size illuminated LCD display with easy to understand menus. Choose between collating or feeding mode, stacking or booklet making. Fill in formats and feeding order and go! Store your frequent jobs, find out statistics about jobs previously run, adjust speed, overlap and air flow to suit your specific job.

Plockmatic 1000 FeederPro

A completely new concept in vacuum feeding/collating that offers a unique combination of traditional collating and advanced feeding applications. Use it as a traditional collator for normal collating/sorting jobs of everything from NCR up to high gloss cover stock. For digital applications, load your stack of pre-sorted printer outputs and use the feeding function to produce your booklets. Combine the two and you get a truly flexible and versatile system. Merge colour prints from your offset/ digital press with pre-sorted bl/w printer outputs and/or stock from your colour printer.

Each tower module contains 8 bins with an impressive 40 mm bin capacity. Up to three towers can be connected giving you 24 bins or the possibility to produce up to 96 page booklets. Handles sheet sizes from oversize A3 down to CD. Integrated stacker.
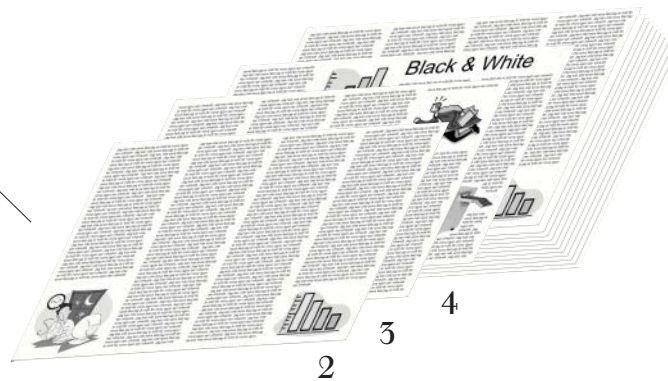
Plockmatic 1010 Stacker

A high capacity stacker for straight or offset stacking. Rollaway trolley and battery operated lift for easy and ergonomic off-loading. Integrated air venting allows also normally hard to handle stocks to be perfectly aligned. Full communication with Plockmatic 1000 means speed and paper size are automatically set. By-pass function – no need to roll away the stacker when not in use.

A **Cover.** In feeder mode the two top bins are allocated for cover stock allowing you to fill 80 mm and run continuously without stopping for reloading.
In this case we feed high gloss quality colour prints from an offset press as cover. The cover has to come on top and is thereby fed last.

6

B **Black & white inserts.** In feeder mode bins 3-5 are considered as one block. When one station runs empty it jumps over to feed from the next one.
The shown three inserts are coming from a black & white printer and are printed in sequence order. We programme the feeder to feed them in the order shown.

4

3

2

C **Colour inserts.** The last block contains bins 6-8.
In this case we use these bins for merging two colour prints from a digital colour press/printer into the set. They are fed in the order shown.
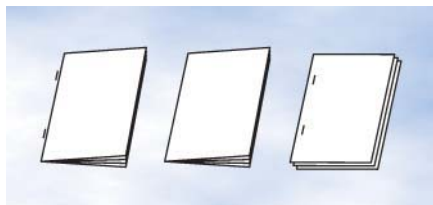
5

1

Loading. The open design makes it very easy to load the high capacity bins. Bins not in operation can easily be loaded while the others are running. With the various programming options the collator can then run continuosly without stops for reloading.

Plockmatic 1000 FeederPro, 82 BinderPro, Trimmer 83 and 104 SquareFold

This mid level production system will, with short turnaround times, take the time and trouble out of booklet making. The feeder possibilities* offered by the collator and the booklet maker's flat staple finish gives you an affordable and professional finishing system performing at an outstanding 3000 sets per hour. But when a flat staple finish at high speed is not enough, add extra value to your booklets by adding the Plockmatic 104 SquareFold to your system. Leave the competition behind by offering your customers perfectly flat booklets with the possibility to print text on the spine.

Note! This combination allows feeder mode for stacking only. For feeder mode combined with bookletmaking we refer to Plockmatic 1020.

Plockmatic 104 SquareFold

Leading the trend and breaking new grounds for small to mid sized production, the revolutionary Plockmatic 104 SquareFold will change the way you look at booklet making forever. You will, at the speed of 1800 sets per hour, get that same perfect flat finish as a perfect bound (glue bound) book, but at a fraction of the price. Enhance the appearance and value of your booklets with text printed on the spine making them have that magazine/book look. Faster, less expensive and without all the negative sides of glue binding. No one can beat the size, speed and cost effectiveness of the SquareFold.

Hand feeding – well of course! But as you have seen here, thanks to it's size it can easily be mounted on any Plockmatic trimmer forming the ultimate on-line booklet making system ever.

Place the offline version on any table, adjust the side guides and start giving your booklets a square formed spine. The SquareFold processes one booklet every other second. Can you keep up with it?

Specifications	1000 FeederPro
Number of bins	8
Bin capacity	40 mm (1 9/16")
Minimum sheet size	120 x 210 mm (4 3/4 x 8 1/4")
Maximum sheet size	325 x 470 mm (12 3/4 x 18 1/2")
Paper weight, min	50 gsm (14 lb. Bond)
Paper weight, max	240 gsm (65 lb. Bond)
Speed, collator mode	Up to 3800 sets / hour
Speed, feeder mode	Up to 6000 sheets / hour
Double feed detector	Yes
Miss feed detector	Yes
Empty bin detector	Yes
Paper jam detector	Yes
Set counter	Yes
Preset counter	Yes
Dimensions incl base H x W x D	1174 x 660 x 770 mm (46 1/4 x 26 x 30 5/16")
Weight	180 kg (397 lbs.)

Machine must be connected to a 230 VAC 10 Amps or 115 VAC 20 Amps dedicated circuit breaker for one outlet.
Machine design and specifications are subject to change without notice

Specifications	1010 Stacker
Stacking mode	Offset / straight
Capacity	400mm (15 3/4")
Minimum sheet size	148 x 210 mm (5 3/4 x 8 1/4")
Maximum sheet size	320 x 457 mm (12 5/8 x 18")
Paper weight, min	60 gsm (16 lb. Bond)
Paper weight, max	240 gsm (65 lb. Bond)
Speed	Same as 1000 FeederPro
By pass function	Yes
Dimensions, H x W x D	920 x 640 x 720 mm (36 1/4 x 25 3/16 x 28 5/16")
Weight	86 kg (190 lbs.) incl. lift

Machine design and specifications are subject to change without notice

Specifications	1020 BinderPro
Capacity	24 sheets of 75 gsm (20 lb. Bond)
Speed	Up to 2600 sets/hour
Minimum sheet size	120 x 210 mm (4 3/4 x 8 1/4")
Maximum sheet size	320 x 457 mm (12 5/8 x 18")
Paper weight, min	60 gsm (16 lb. Bond)
Paper weight, max	300 gsm (110 lb. Cover)
Stapler heads	2
Staples	2 x 5000 Chisel pointed
Error detection	Missed staple & empty cartridge, paper jam & stacker full
Jogging	Side & back
Customer paper format programming possibilities	4 permanent & 1 - 4 temporary
Dimensions incl. base and belt stacker, H x W x D	945 x 2085 x 620 mm (37 1/4 x 82 1/8 x 24 1/2")
Weight	147 kg (324 lbs.)

Machine design and specifications are subject to change without notice

Specifications	82 BinderPro
Capacity	20 sheets of 80 gsm (20 lb. Bond)
Speed	Up to 3000 sets/hour
Minimum sheet size	210 x 279 mm (8 1/4 x 11")
Maximum sheet size	297 x 432 mm (11 3/4 x 17")
Paper weight, min	60 gsm (16 lb. Bond)
Paper weight, max	200 gsm (74 lb. Cover)
Stapler heads	2
Staples	2 x 5000 Chisel pointed
Error detection	Missed staple, empty cartridge, paper jam & stacker full
Jogging	Side & back
Dimensions incl. base and belt stacker, H x W x D	860 x 1225 x 596 mm (33 7/8 x 48 5/8 x 23 1/2")
Weight	66 kg (145 lbs.)

Machine design and specifications are subject to change without notice

Specifications	83 Trimmer / 1030 Trimmer
Capacity, folded sheets	24 sheets of 75 gsm (20 lb. Bond)
Speed	Up to 1800 sets/hour
Booklet width, min	120 mm (4 3/4")
Booklet width, max	320 mm (12 5/8")
Booklet length trimmed, min	127 mm (5") for 83 Trimmer 120 mm (4 3/4") for 1030 Trimmer
Booklet length trimmed, max	220 mm (8 5/8")
Cutting margin	2 - 13 mm (1/8 - 1/2")
Preset programmes	A3 & A4 (8 1/2 x 11", 8 1/2 x 14" & 11 x 17")
Error detection	Jam, stacker full, trim bin full & knife dull
83 Trimmer dimensions incl. base, H x W x D	960 x 415 x 595 mm (37 3/4 x 16 3/8 x 23 1/2")
1030 Trimmer dimensions incl. base, H x W x D	945 x 470 x 620 mm (34 1/4 x 18 1/2 x 24 1/2")
Weight	76/80 kg (168/176 lbs.)

Machine design and specifications are subject to change without notice

Specifications	104 SquareFold
Speed	Up to 1800 sets/hour
Capacity	Up to 24 sheets of 80 gsm (20 lb. Bond)
Booklet size, min	100 x 120 mm (4 x 4 1/2")
Booklet size, max	240 x 325 mm (9 1/2 x 12 3/4")
Error detection	Jam & stacker full
Dimensions, H x W x D	329 x 405 x 560 mm (13 x 16 x 22")
Weight	30 kg (66 lbs.)

Machine design and specifications are subject to change without notice

PLOCKMATIC
International AB

Address: Box 10025, S-121 26 Stockholm-Globen, Sweden
E-mail: plockmatic@plockmatic.se   **Web:** www.plockmatic.se
Phone: +46 8 602 50 00   **Fax:** +46 8 722 99 70