

THE NEW GENERATION OF BOOKLETMAKING

FAST. INTELLIGENT. POWERFUL.



WE CREATE A PROFESSIONAL IMPRESSION



Professional print finishing with the automatic Nagel Bookletmaker

The automatic bookletmaker Foldnak 100 and Foldnak 80 are powerful, fast and guarantee a high user benefit.

■ The Foldnak 100 provides a productive and efficient solution for professional finishing. The modern bookletmaker comes with valuable features: an automatic format set-up, easy handling and an extraordinary wide range of sheet sizes. The largest format currently available (364 x 521 mm) of modern digital printing presses can be handled as easily as particular small formats (105 x 148.5 mm). Thanks to the variety of formats and functions, booklets of different sizes and grammages can be produced. Bookletmaking, block stapling or just folding – finishing with the Foldnak 100 is simply versatile.



NAGEL FOLDNAK 100 – wire stitching heads

■ The Nagel bookletmaker provides several options for any production volume of offset or digital prints. The Foldnak 100 comes either with wire stitching heads (Hohner or ISP) for high volumes or with the Nagel-Ri 210 stapling heads with integrated loop stapling function for shorter runs.

NAGEL Bookletmaker with Robo-Feeder, Foldnak 80, Trimmer 100 and SP Plus



NAGEL FOLDNAK 100/80 – fast and easy operation

■ The Foldnak 80 is designed specifically for the needs of digital printers. The basic and solid construction is almost identical to the Foldnak 100, but this bookletmaker comes with 5000 staples per cartridge which are easy to change. Digital stock of different grammages is fed with ease and reliability.

■ Like the Foldnak 100 the Foldnak 80 has short set-up times and handles a wide variety of formats. Large formats up to 364 x 461 mm can be processed as well as small formats (140 x 210 mm).

■ The operation via a control panel is fast and easy and the format change is automatically done by simply selecting a format by pushing a button. All standard formats are programmed and 5 customised formats can be stored.

■ Due to their modular design the Foldnak 100, Foldnak 80 and Trimmer 100 can be run as stand alone units or online with the Nagel S8 collator, the Robo-Feeder and the SP Plus Square Press.

Technical specifications

	Foldnak 100	Foldnak 100	Foldnak 100	Foldnak 80
Stitching/stapling heads	Hohner 43/6S	ISP	Nagel Ri-210	Rapid
Type of staples	Wire	Wire	26/6, 26/8 S, Ri 26/6	Cartridge
Sheet size min. / max. (mm)	105 x 148.5 / 364 x 521	140 x 148.5 / 364 x 521	140 x 148.5 / 364 x 521	140 x 210 / 364 x 461
Max. number of sheets (booklets)	25 x 80 g/m ²	25 x 80 g/m ²	25 x 80 g/m ²	25 x 80 g/m ²
Max. number of sheets (pads)	30 x 80 g/m ²	30 x 80 g/m ²	30 x 80 g/m ²	30 x 80 g/m ²
Max. sets/hour depending on format size	3,000	3,000	3,000	2,700
Wheeled stand	✓	✓	✓	✓
Mobile clenchers	✓	✓	✓	✓
Stitching/stapling head positions (distances in mm)	continuous	4 (88.5 x 63 x 88.5) 2 (63, 124 oder 240)	continuous	continuous
No. of heads standard (max.)	✓ 2 • max. 4	✓ 2 • max. 4	✓ 2 • max. 4	✓ 2 • max. 4
Flat staples	✓	✓	✓	✓
Loop staples	•	–	•	–
Staple capacity / head	appr. 65,000	appr. 65,000	210	5,000
Corner and edge stapling	✓	✓	✓	✓
Integrated accumulating station	✓	✓	✓	✓
Automatic side and front jogging	✓	✓	✓	✓
Total counter	✓ (with reset function)	✓ (with reset function)	✓ (with reset function)	✓ (with reset function)
Automatic release	✓	✓	✓	✓
Infeed belt and tray for hand feed operation	✓	✓	✓	✓
Staple/wire empty control	✓	✓	✓	✓
Trimmer 100 Option	✓	✓	✓	✓
S 8 Option	✓	✓	✓	✓
Robo-Feeder Option	✓	✓	✓	✓
Long conveyor	✓	✓	✓	✓
Power supply	230 V/50 Hz/0,8 kW or 115 V/60 Hz/0,8 kW	230 V/50 Hz/0,8 kW or 115 V/60 Hz/0,8 kW	230 V/50 Hz/0,8 kW or 115 V/60 Hz/0,8 kW	230 V/50 Hz/0,8 kW or 115 V/60 Hz/0,8 kW
H x W x D (cm) net (without/with conveyor)	115 x 72 x 118/236	115 x 72 x 118/236	115 x 72 x 118/236	115 x 72 x 118/236
Weight net/packed (kg)	220 / 260	220 / 260	220 / 260	220 / 260

✓ Standard • Optional – not available

A perfect front trim

■ With its speed and design the automatic Trimmer 100 is perfectly suited to the automatic Nagel bookletmaker. The format change is fully automated, driven by the Foldnak 80 or Foldnak 100. The Trimmer 100 gives the booklet an accurate front trim and is an essential part of every bookletmaking system.

■ The long delivery conveyor comes as standard with the Foldnak 100 and Foldnak 80 and is compatible with the Trimmer 100 and the SP Plus Online.

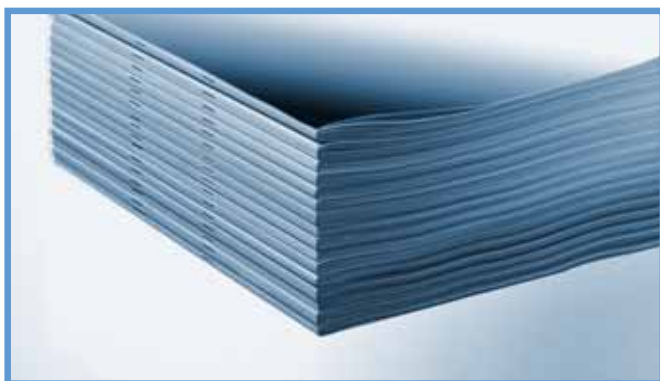


NAGEL TRIMMER 100 – with long delivery conveyor

Technical specifications

	Trimmer 100
Booklet length min. / max., folded (mm)	74 / 260.5
Max. sets/hour	3,000
Max. trimming width Standard/Optional (mm)	320 / 364
Max. thickness	5 mm (50 à 80 g/m ²)
Max. cutting width (mm)	15
Format adjustment	✓ fully automatic
Detection waste box filled to capacity	✓
Bypass-Modus	✓
Power supply	230 V/50 Hz/0,5 kW or 115 V/60 Hz/0,5 kW
H x W x D (cm) net (without/with conveyor)	106 x 72 x 51 / 112
Weight net/packed (kg)	160 / 180

✓ Standard



■ Contact

Ernst Nagel GmbH
Breitwiesenstraße 21
70565 Stuttgart/Germany

Phone Export +49 7 11-7 80 78-21
Fax Export +49 7 11-7 80 78-20

E-Mail sales@ernstnagel.com
www.ernstnagel.com

