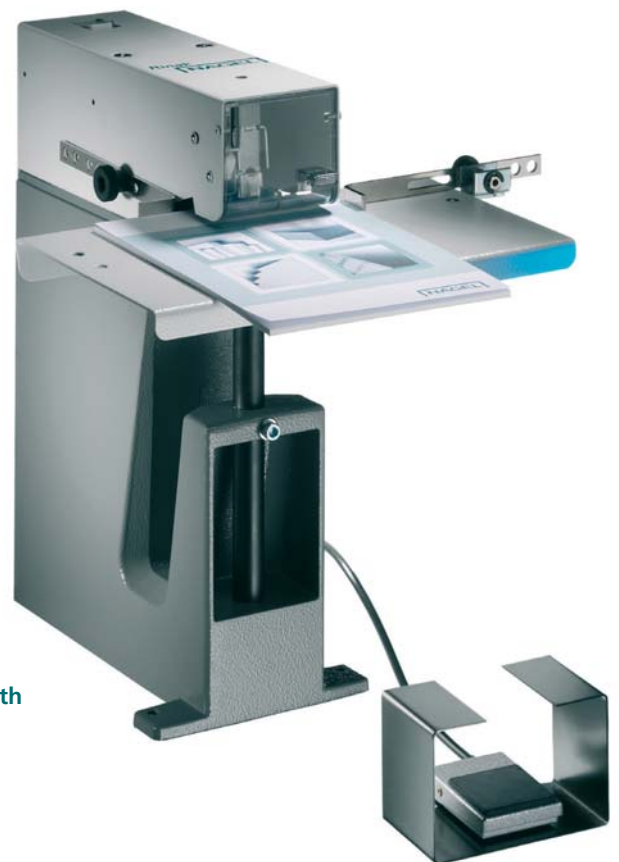


# Stapling

Simple. Fast. Precise.



NAGEL Multinak S  
for flat and saddle  
stapling



Flat stapling with  
NAGEL Rinak

Making printings alive

**NAGEL**

# NAGEL Staplers and Staples

## The perfect solution for your needs

Nagel staplers leave nothing to be desired in daily office use. The staplers, both manual and electric, are robust and durable. Flat or saddle stapling, flat or loop staples, small or large volumes and changing formats – Nagel staplers stand out by their versatility.

### Staples: Quality down to the smallest detail

Perfect stapling rounds off the overall impression of your booklet. All Nagel staples, whether standard or loop, have uniformly bevelled, sharp tips that effortlessly penetrate cardboard, leather, textiles, plastics and wood. The tips guarantee a precise position of the staples and thereby a solid and uniform booklet.

The original Nagel loop staples enable booklets and brochures to be filed in ring binders without prior punching or drilling. Filed brochures can be opened perfectly flat without hurting the paper.

### Especially suited for digital prints







The characteristic of digital printed paper varies in comparison to offset printed paper. The variety of print materials with different surface coating and grammage is a particular challenge for finishing.

A typical problem for bookletmaking of digital prints is the interpenetration of the folded paper stack by the staples. It could lead to that staples could stuck in the fold. Due to the strong and tough paper, usual proven Nagel staple quality is no longer sufficient.

In order to meet the requirements of the various digital paper qualities Nagel launched Digital Staples, which guarantee a trouble-free production and an accurate stapling result. These staples are of superior quality and can be used for all kinds of paper in particular when digital prints need to be processed to booklets.

## Technical specifications

### Loop and standard staples

|                 |  |  |  |  |  |  |
|-----------------|---|---|---|--|---|---|
| Staple type     | 24  | Ri 24   | 26  | Ri 26  | 50  | B 50  |
| Wire gauge (mm) | 0,60  | 0,60  | 0,45  | 0,45   | 0,75  | 1,0   |
| Leg Length (mm) | 6   | ○   | ○   | ○  | ○   |   |
|                 | 8   | ○   | ○   | ○  | ○   |   |
|                 | 10  | ●   | ○   | ●  | ●/○   |   |
|                 | 12  |   | ●   |  | ●   |   |
|                 | 13  | ●   |   |  |   |   |
|                 | 15  | ●   | ●   |  | ●   |   |
|                 | 18  | ●   |   |  | ●   |   |
|                 | 20  | ●   |   |  | ●   |   |
|                 | 23  |   |   |  |   | ●   |
|                 | 26  |   |   |  |   | ●   |
|                 | 30  |   |   |  |   | ●   |

○ Galvanized iron wire ● Steel wire The length of the legs should always be approx. 4 mm longer than the thickness of the pile of sheets.

## NAGEL Enak / Tak 18

### Flat stapling – manually and electrically

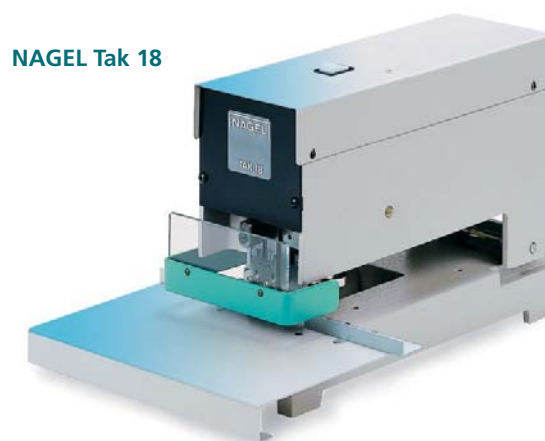
#### Enak

The Enak 50-200 is especially suitable for manual pad stapling of smaller volumes. Its high-quality workmanship makes the stapler a reliable and durable tool. The Enak is designed for heavy duty and can staple pads of up to 17 mm (170 sheets). Different materials like paper, cardboard, leather, textiles and synthetic materials can be processed without any problems.



#### Tak 18

With its powerful electric motor and foot switch, the electric pad stapler Tak is designed specially for thick pads. Pads of up to 14 mm (140 sheets) can be stapled easily and precisely. The robust stapling head ensures a fast and reliable stapling of sophisticated material. The back stop is infinitely variable and permits a fast and flexible format change.



### Technical specifications

|                            | Enak                |
|----------------------------|---------------------|
| Number of stapling heads   | 1                   |
| Pads up to approx.         | 170 sheets (80 gsm) |
| Staple length (mm)         | 6–20                |
| Staple type                | 50                  |
| Throat depth (mm)          | 130                 |
| Weight net/packed (kg)     | 8/9                 |
| H x W x D operational (cm) | 38 x 31 x 40        |
| H x W x D packed (cm)      | 23 x 15 x 38        |

### Technical specifications

|                            | Tak 18                |
|----------------------------|-----------------------|
| Number of stapling heads   | 1                     |
| Pads up to approx.         | 140 sheets (80 gsm)   |
| Staple length (mm)         | 6–18                  |
| Staple type                | 50                    |
| Throat depth (mm)          | 30                    |
| Weight net/packed (kg)     | 25/26                 |
| H x W x D operational (cm) | 32 x 34 x 53          |
| H x W x D packed (cm)      | 43 x 31 x 48          |
| Power supply               | 230 V / 50 Hz / 120 W |

# NAGEL Rinak

## Flexible stapling of brochures and pads

The Rinak electric stapler is excellently suited for sophisticated stapling jobs in offices, schools, copy shops and printing houses. The simple handling and easy changeover from flat to saddle stapling are indispensable features for a device designed for multiple users. The Rinak produces perfect presentation material quickly and efficiently, even in small volumes.

### Easy handling

Within seconds the feed table can be changed over from flat to saddle stapling. The variable paper stop ensures that the staples are spaced correctly (which is especially important when loop staples are used) and positioned precisely. The staple magazine can be opened at the front for an easy reloading of staples.

The machine is equipped with safety standards for protection of hands and fingers.

A height adjustable stand is available for the Rinak as an option. It can be adjusted variably between 80 and 110 cm.



**NAGEL Rinak  
saddle stapling**



**NAGEL Rinak  
with table for  
flat stapling**

### Versatile use

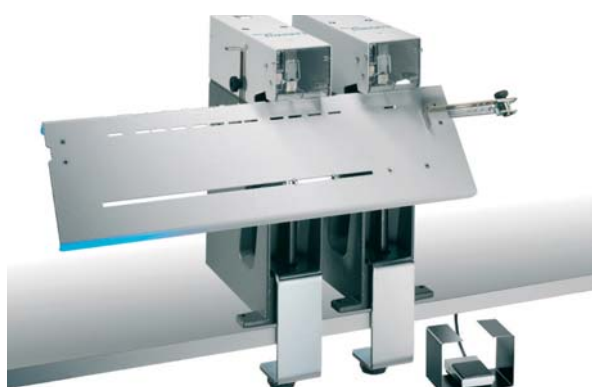
- Saddle stapling up to DIN A4 booklet size and 30 sheets (equals 120 pages)
- Flat stapling up to 40 sheets
- Loop stapling without changeover (distance between staple loops exactly 80 mm for brochures that can be filed)
- Stapling power can be adjusted to thin and thick paper layers

Users who are already working with a Rinak can extend this unit to a Rinak Duo at any time.

## NAGEL Rinak Duo

### Two staples in one pass

The Rinak Duo is the perfect choice for users who want to staple documents with two staples in one pass. The Rinak Duo consists of two combined Rinak staplers. The unit is very operator friendly and also uses loop staples to produce booklets that can be filed.



NAGEL Rinak Duo saddle stapling



## Technical specifications

|  | Rinak                | Rinak Duo                       |
|--|----------------------|---------------------------------|
| Number of stapling heads                       | 1                    | 2                               |
| Pads up to approx.                             | 40 sheets (80 gsm)   | 40 sheets (80 gsm)              |
| Booklets up to approx.                         | 30 sheets (80 gsm)   | 30 sheets (80 gsm)              |
| Staple length (mm)                             | 6–8                  | 6–8                             |
| Staple types                                   | 26/6, 26/85, Ri 26/6 | 26/6, 26/85, Ri 26/6            |
| Capacity (number of staples)                   | 210 staples          | 210 staples (per stapling head) |
| Throat depth in flat stapling mode (mm)        | 30                   | 30                              |
| Saddle stapling                                | Up to A3 (folded)    | Up to A3 (folded)               |
| Min. distance between stapling heads (mm)      | –                    | 80                              |
| Max. distance between stapling heads (mm)      | –                    | 370                             |
| Table width (mm)                               | 270                  | 540                             |
| Power supply                                   | 230 V / 50 Hz        | 230 V / 50 Hz                   |
| Height adjustable stand (min. 80, max. 110 cm) | •                    | –                               |
| Weight net/packed (kg)                         | 7.5/8.5              | 16/18.5                         |
| H x W x D operational (cm)                     | 36 x 27 x 37         | 36 x 54 x 37                    |
| H x W x D packed (cm)                          | 31 x 44 x 44         | 62 x 44 x 54                    |
| Stand net/packed (kg)                          | 11/13                | –                               |

- Not available
- Optional

## NAGEL Multinak FS

### Value added professional finishing

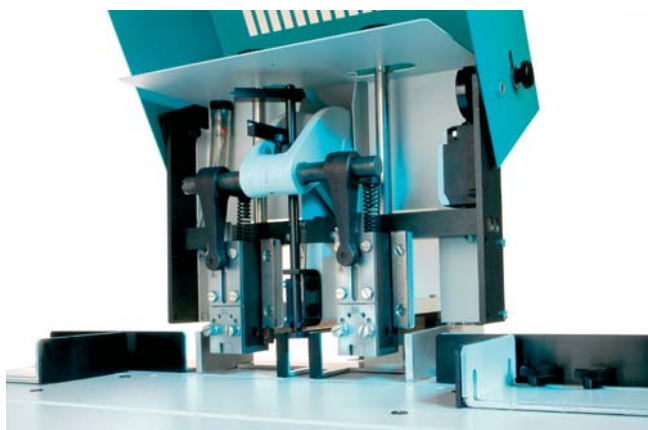
The Multinak twin headed staplers allow the efficient production of jobs requiring frequent change-over between flat and saddle stapling. Versatile and durable, the machines are the industry standard for all types of commercial and inplant applications.

The Multinak FS is a treadle version and operation is done smoothly by pressing the pedal.

### Sturdy stapling heads

The Multinak FS is a twin-headed stapler that staples booklets and pads up to 27 mm from just 2 up to 270 sheets. For thick pads or heavy booklets from 15 mm – 27 mm optional stapling heads – stapling head B – are available. The machine is particularly efficient when it is used for frequently changing rung lengths. Its versatility and durability have made it indispensable to the graphic arts industry.

The precision stapling heads ensure a high reliability; all wear parts can be easily replaced. The distance between centres is adjustable between 80 and 155 mm. Mobile clenchers press the staple ends flat against the paper to ensure strong, perfectly formed stitches.



**Sturdy stapling heads for efficient production of pads up to 27 mm.**

For brochures or booklets to be filed in ring binders without being punched the original loop staples are the perfect solution.



**NAGEL Multinak FS  
with treadle.**

The change-over from flat to saddle stapling is made by simply flicking over the table. The optional table extension includes a back stop bar and makes it easy to handle large formats like calenders and DIN A3 size.

Special clamps for small formats to centre and hold down the brochure come as standard.

The Multinak twin headed staplers operate extremely quietly and combine consistent stapling accuracy with high performance operation. Both models are conform to the European CE safety standards.

# NAGEL Multinak S

## Twin-headed stapler with electric drive

The difference between the Multinak S and the Multinak FS is just the drive. The Multinak S has an electric drive, but can also have a foot pedal easy to use. Her two stitching heads can be adjusted with a distance of 80 mm to 155 mm.

- **Reliability**

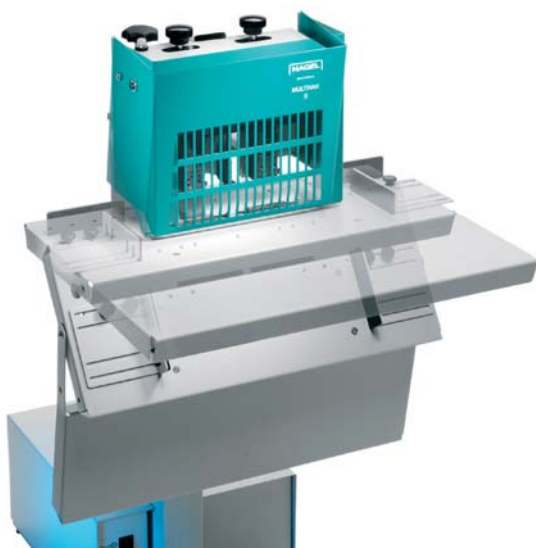
The Multinak is designed to give years of trouble-free service. Fast, versatile and remarkably reliable, the Multinak is a high performance stapler and operates extremely quietly.

- **Versatility**

Quick and easy set-up of the heads to take different staple sizes. Two types of stapling heads are available: Head A takes staple types 24 and 26 and loop staples and can process brochures or pads up to 150 sheets. Head B takes staples type 50 and is the ideal choice for the production of thick pads up to 270 sheets (but can also process brochures).

- **Operating table**

Fast change-over from flat to saddle stapling is effected by simply flicking over the table. An optional extension table including a back stop bar is recommended for large formats.



**Option for large formats:**  
the NAGEL Multinak table extension.



**NAGEL Multinak S**  
with variable table for  
flat and saddle stapling.

- **Power clenching system**

The clenching mechanism provides a flat stitch, pushing the legs of the staple flat against the material to ensure strong, perfectly formed staples each time.

- **Wear parts**

The operator can easily replace all wear parts – no technical support is required.

- **Operational safety**

The Multinak models are conform to the European CE safety standards.

All stapling machines made by Nagel are highly attractive by their versatility and functionality.

## Technical specifications

| NAGEL Multinak                                       | Multinak S                | Multinak FS            |
|--|---------------------------|------------------------|
| Number of stapling heads                             | 2                         | 2                      |
| Distance between stapling heads (mm)                 | 80–155 mm                 | 80–155 mm              |
| Brochures  | from 2 sheets (80 gsm)    | from 2 sheets (80 gsm) |
| Pads up to approx.                                   | 270 sheets (80 gsm)       | 270 sheets (80 gsm)    |
| Staple leg length (mm)                               | 6–18                      | 6–18                   |
| Staple types   | 24 / 26                   | 24 / 26                |
| Loop staples   | ✓                         | ✓                      |
| Clamps for small formats                             | ✓                         | ✓                      |
| Extension table with back stop bar                   | •                         | •                      |
| Stapling heads B for blocks up to approx. 270 sheets | •                         | •                      |
| Staple length (mm)                                   | 6–30                      | 6–30                   |
| Staples types  | 50 / B 50                 | 50 / B 50              |
| Power supply (available)                             | 230 V 50 H or 400 V 50 Hz | with foot treadle      |
| Certification  | CE                        | CE                     |
| Weight net / gross (kg)                              | 100 / 111                 | 62 / 75                |
| H x W x D operational (cm)                           | 110 x 60 x 75             | 128 x 60 x 75          |
| H x W x D packed (cm)                                | 130 x 75 x 75             | 150 x 75 x 75          |

✓ *Standard*

• *Optional*

For any further information about the complete Nagel product range please look at [www.ernstnagel.com](http://www.ernstnagel.com) or contact your regional dealer.

**Disclaimer:** As part of our continued product improvement plan, specifications and information published here are subject to change without notice. All specifications are dependent on application, type of stock, temperature, RH and print engine used. Specifications quoted were measured on uncoted and unprinted stock.

Ernst Nagel GmbH  
Breitwiesenstraße 21  
70565 Stuttgart/Germany

Phone: +49 7 11-7 80 78-21  
E-mail: [export@ernstnagel.com](mailto:export@ernstnagel.com)

[www.ernstnagel.com](http://www.ernstnagel.com)

