



NAGEL Staplers

Simple. Fast. Precise.



NAGEL Multinak S
Twin-headed stapler with electric drive



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. The type area can be enlarged, because there is no punched margin.

Especially suited for digital prints

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

A typical problem for booklet making of digital prints is the interpenetration of the folded paper stack by the staples. This could lead to staples sticking 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	30	50	B 50
Leg Length (mm)	6	○	○	○/○	○	○	○	
	8	○	○	○/● ○			○	
	10	●		●			○/●	
	12			●			●	
	13	●						
	15	●					●	
	18	●					●	
	20	●					●	
	23							●
	26							●
	30							●
○ Galvanized iron wire ● Steel wire ○ High tensile steel wire The length of the legs should always be approx. 4 mm longer than the thickness of the pile of sheets.								

Enak

Manual flat stapling: 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.

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

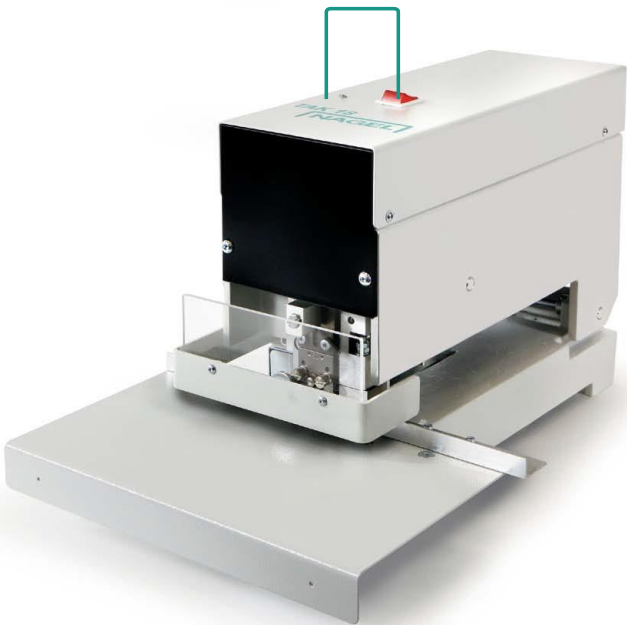


Tak 18

Electrical flat stapling: With its powerful electric motor and foot switch, the electric pad stapler Tak 18 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

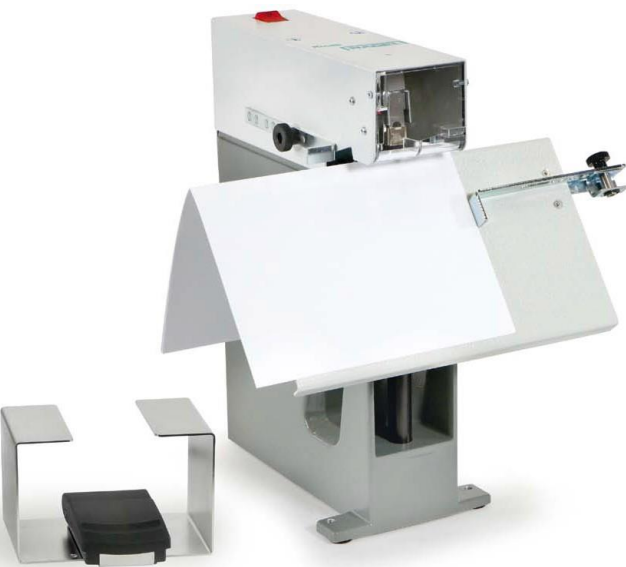
Tak 18	
Number of stapling heads	1
Pads up to approx.	140 sheets (80 gsm)
Staple length (mm)	6 – 18
Staple type	50
Throat depth (mm)	30
Weight net/packed (kg)	25/26
H x W x D operational (cm)	32 x 34 x 53
H x W x D packed (cm)	43 x 31 x 48
Power supply	230 V/50 Hz/120 W 115 V/60 Hz/180 W



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.



NAGEL Rinak saddle stapling



NAGEL Rinak with table for flat stapling

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.

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 change-over (distance between staple loops exactly 80 mm for brochures that can be filed)
- Stapling power can be adjusted to thin and thick paper layers

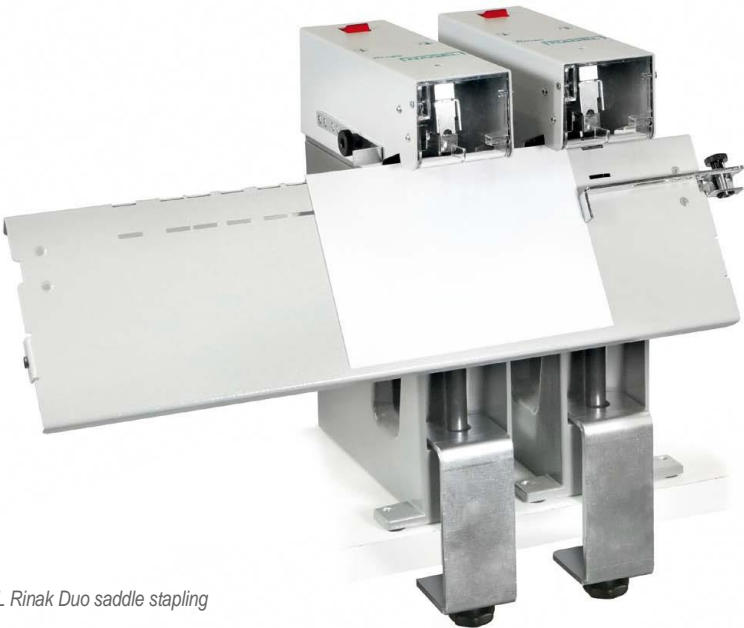


NAGEL Rinak on adjustable stand

Rinak Duo

Two staples in onepass

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 Rinak staplers, which are electrically connected and can be fixed at variable distance. The unit is very user-friendly and loop staples can also be used to produce booklets that can be filed.



NAGEL Rinak Duo saddle stapling

Technical specifications

	NAGEL Rinak	NAGEL 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, 26/8S, Ri 26/6	26/6, 26/8S, 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 DIN A3 (folded)	up to DIN 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
Heightadjustable 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
HxWxD packed (cm)	31 x 44 x 44	62 x 44 x 54
Stand net/packed (kg)	11 / 13	–

– not available • optional

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 using a foot pedal.



NAGEL-Multinak FS for saddle stapling

Sturdy stapling heads

The NAGEL-Multinak FS is equipped with two precision stapling heads. The distance between them is adjustable from 80–155 mm. The stapling heads ensure a high reliability; all wear parts can be easily replaced. Mobile clenchers press the staple ends flat against the paper to guarantee strong, perfectly formed stitches. The Multinak FS staples as standard with the stapling heads A blocks and brochures from 2 to approx. 150 sheets. The original loop staples are the perfect solution for the brochures or booklets to be filed in ring binders without being perforated. The Multinak FS with the stapling heads B, using staples 50 is suitable for particularly thick blocks up to 270 sheets.

The change-over from flat to saddle stapling is made by simply tipping over the table. The optional table extension including a back stop bar makes it easy to handle large formats like calendars 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 conform to the European CE safety standards.

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.

Technical specifications

	NAGEL-Multinak S		NAGEL-Multinak FS	
	Type SA	Type SB	Type FSA	Type FSB
Number of stapling heads	2	2	2	2
Distance between stapling heads	80–155 mm	80 – 155 mm	80 – 155 mm	80 – 155 mm
Staple types	24 / 26 / 30	50 / B 50	24 / 26 / 30	50 / B 50
Loop staples	✓	–	✓	–
Staple leg length (mm)	6 – 18	6 – 30	6 – 18	6 – 30
Brochures (sheet à 80 g/m²) up to approx.	140 sheets	260 sheets	140 sheets	260 sheets
Blocks (sheet à 80 g/m²) up to	140 sheets	260 sheets	140 sheets	260 sheets
max. Throat depth (mm)	150 mm		150 mm	
Clamps for small formats	✓		✓	
Extension table with back stop bar	•		•	
Power supply (available)	230 V,50 Hz or 400 V,50 Hz		with foot pedal	
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	

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 be operated by a foot switch. Its two stitching heads can be adjusted with a distance of 80 mm to 155 mm.

Reliability
The Multinak guarantees trouble-free service. A high performance stapler, which operates extremely quietly and is fast, versatile and remarkably reliable.

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, 26, 30 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 (brochures can also be processed).

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

■ **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.

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



NAGEL-Multinak S with variable table for flat and saddle stapling

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

All stapling machines made by Nagel impress with versatility and functionality.





Constantin Hang Maschinen-Produktion GmbH

Jahnstrasse 82
73037 Göppingen
Germany

Phone: +49 (0) 7161 / 6005 - 0
Fax: +49 (0) 7161 / 6005 - 78

Email: info@hang.de
www.ernstnagel.de
www.hang.de