

Beyond Fastening

FASCO® FASTENING SYSTEMS FOR AUTOMATION

B FASCO
A BECK brand
Model
F21T GN-25 LM TL RC

Wire: 1.00x1.25 mm
Length: 12-25 mm
Pressure: 5 - 7 bar

B FASCO

HEAD DRIVEN PILE DRIVING
HEAD DRIVEN PILE DRIVING
CE 2004M01 V 20

Automation Brochure 2021

B FASCO®
A BECK brand

FASCO
7C 18
Head 3.00x1.25 mm
Length 12-25 mm
Pressure: MAX 7 bar (100 PSI)
CE 000000000

FASCO® FASTENING SYSTEMS FOR AUTOMATION

PREMIUM QUALITY & SOLUTIONS
FOR HIGHEST DEMANDS

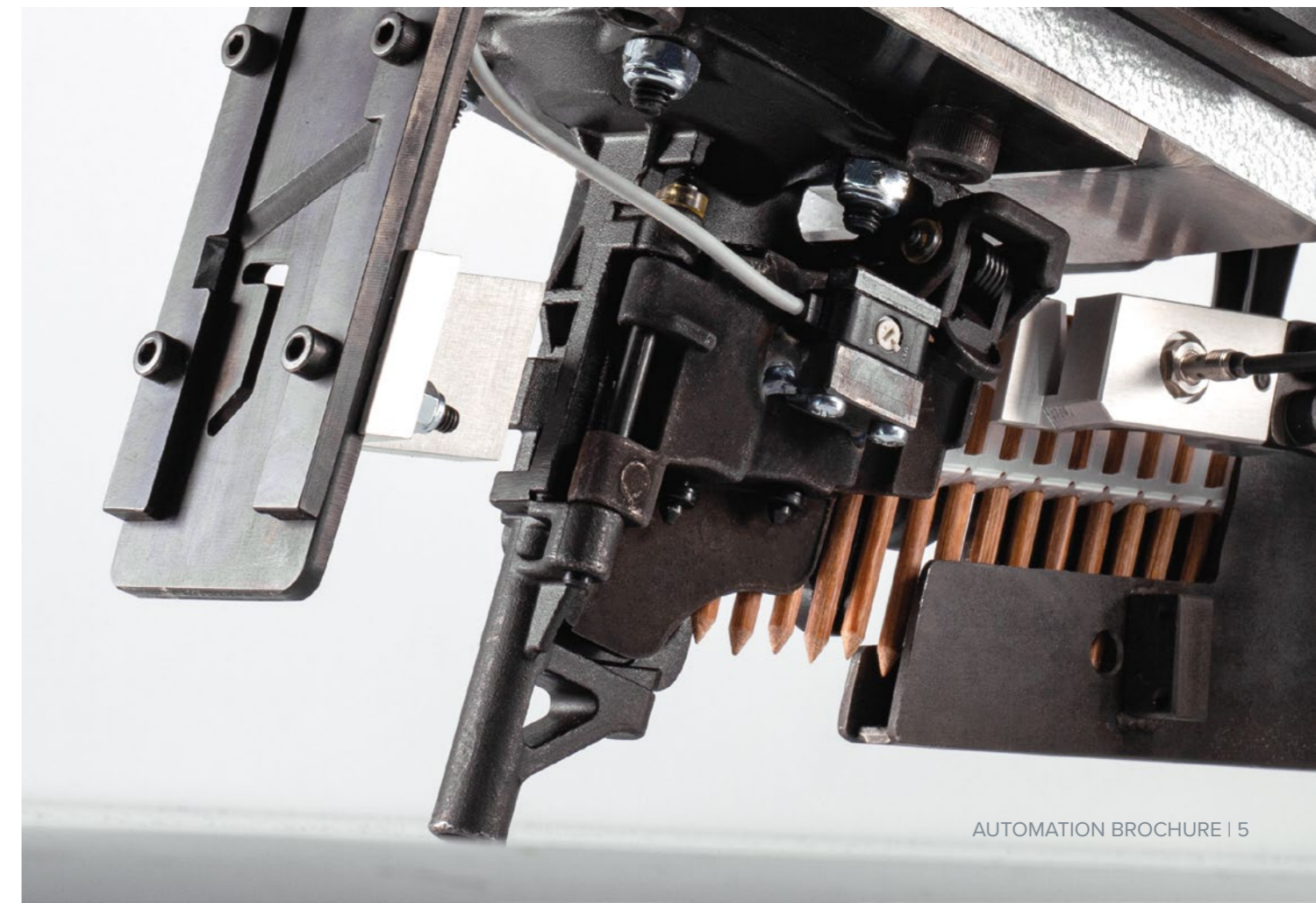
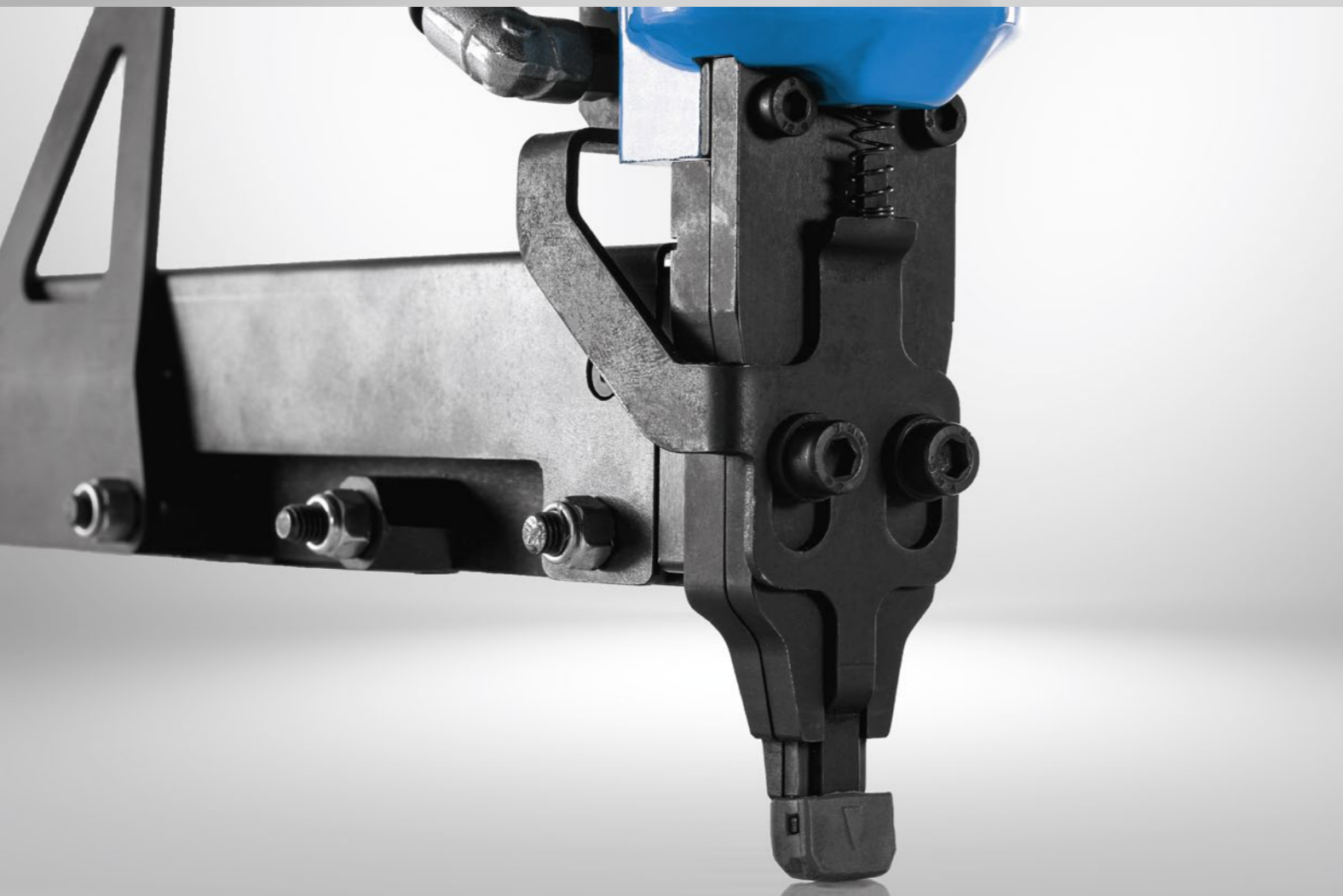
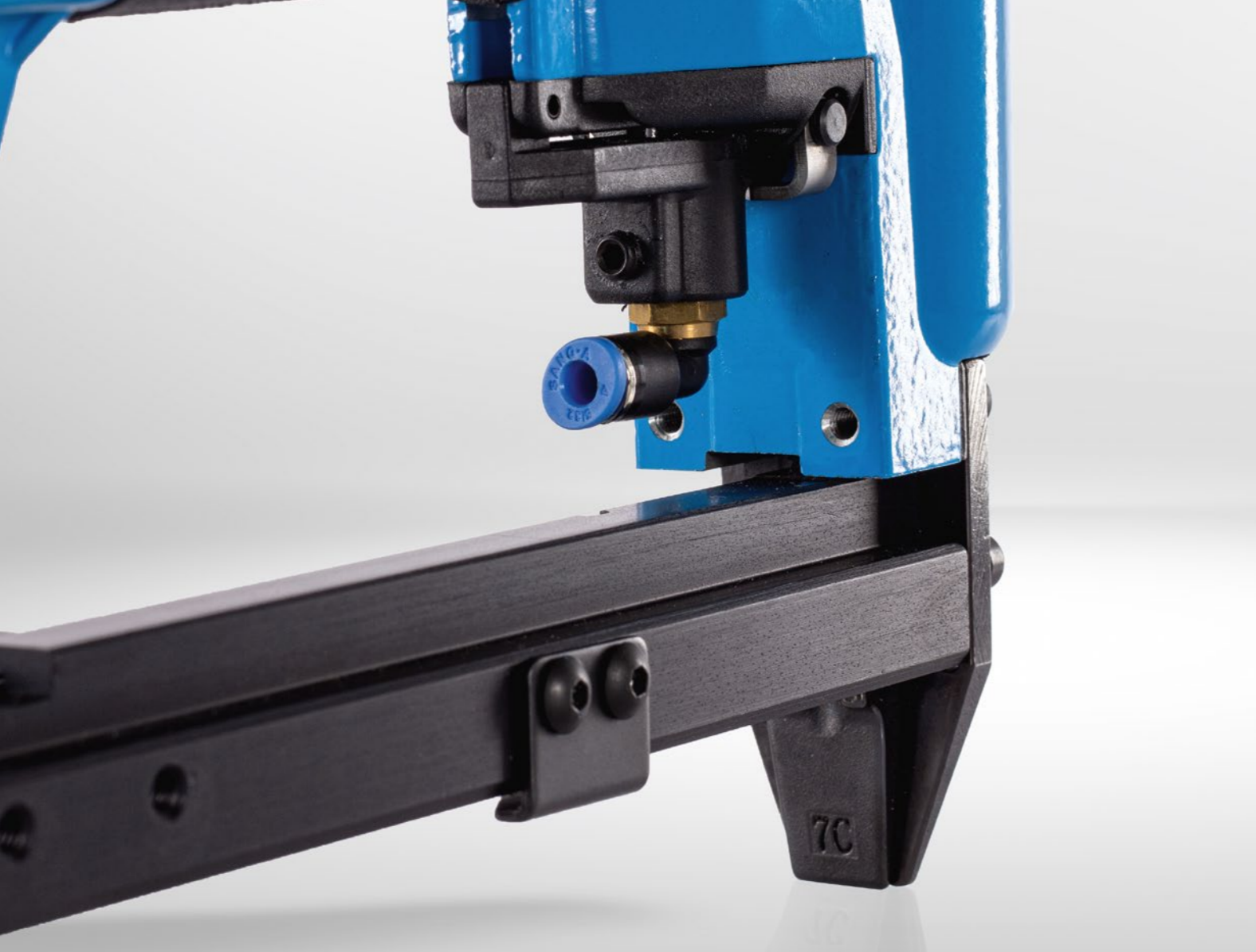
Today there is simply no way around automation. The demand for an increase of speed, productivity, efficiency and quality is steadily growing. This is one reason automated solutions have become increasingly important and should be as individual as the different required demands. The FASCO® tool line of the BECK company stands for high performance, durability and a wide product range. The new FASCO® automation systems complement the existing range seamlessly, offering an ideal system for all requirements and perfectly aligning efficiency and individuality like never before.



EVERY DETAIL MATTERS

Nowadays fastening tools have to do a lot: they should be durable, powerful, safe and modular. Their design has to meet high quality standards and individual requirements. For us, there is no alternative to high-quality fastening tools because good is never good enough. As a premium manufacturer, we are always driven by the desire to advance. Whether in the selection of our raw materials, in the personal consultation with our customers, or in our communication. Particularly, in the production of fastening tools. In everything we do and how we do it, there is not only our unique experience of more than 115 years, but also our unchanged enthusiasm for high-quality

connections offering you several advantages at once: High-quality, powerful fastening tools perfectly adapted to your requirements, a great system know-how and, last but not least, a fair price considering the high durability of our tools. We believe: Our FASCO® automation systems should not only prove to be the optimal investment for your job on the first day, but also for many years to come.



OUTSTANDINGLY VERSATILE.

The requirements of fastening systems for automation are versatile. That is why we offer a solution for every challenge with our newest FASCO® product range: staplers, nailers, bradders, nailing heads and – NEW – with LIGNOLOC® systems for ecological wood processing. All tool features can be perfectly tailored to your specific needs for maximum flexibility: from the nose to the magazine, from special sensors to the smallest details. So that the solution is exactly how you need it – just perfect and without compromise.

1. SENSORS

Sensors for dry firing and empty magazine control

2. MAGAZINE

Customizable high capacity jumbo magazine

3. TOP SUPPORT

Customizable couplings to mount on automation bridges and robots

4. LONG DRIVER BLADE

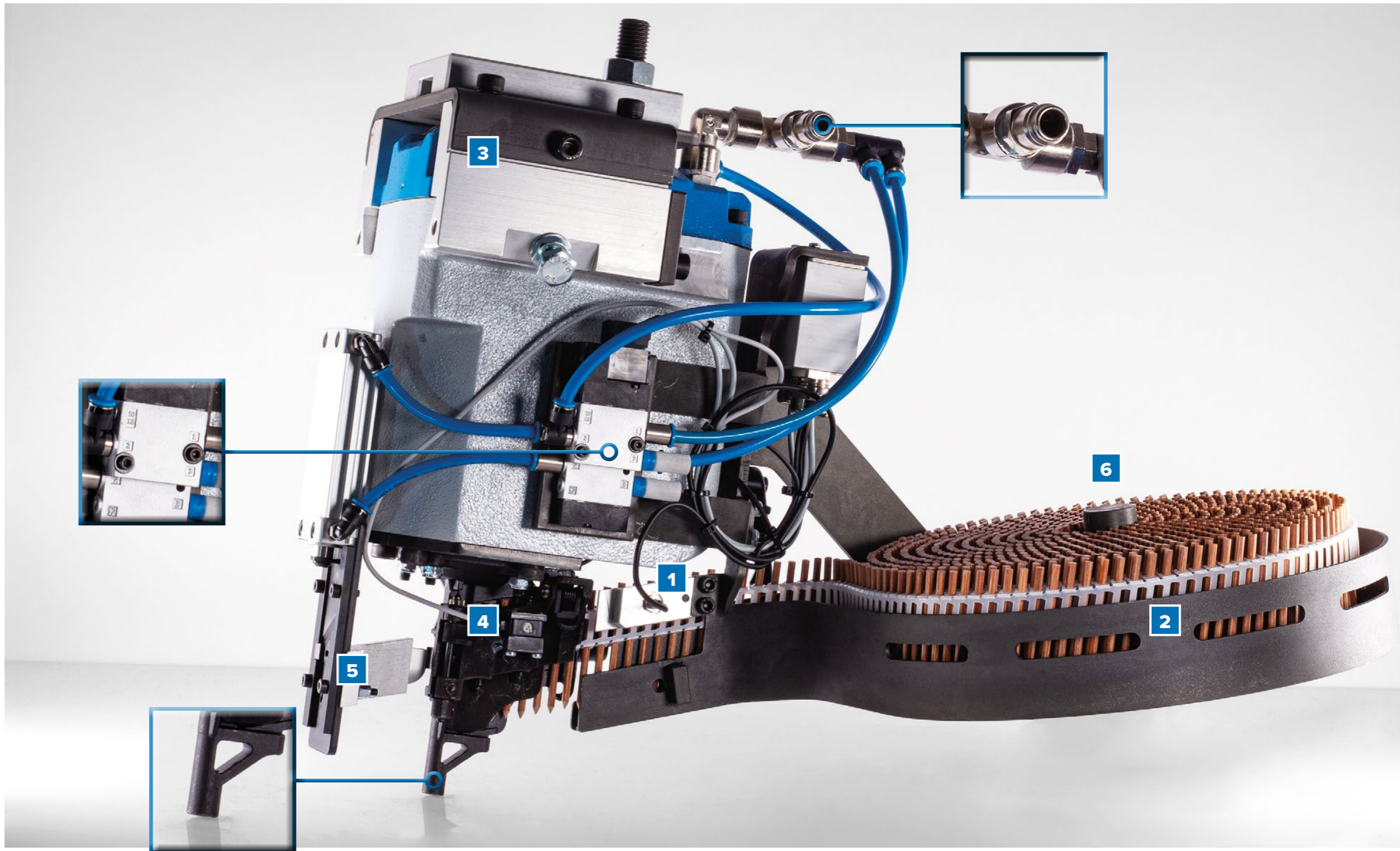
Optional longer driver unit to sink the fasteners deeper in the surface

5. CUTTER

Cutter device for plastic sheet coil

6. MAGAZINE COVER

Magazine cover to protect the coils in the magazine in different working angles



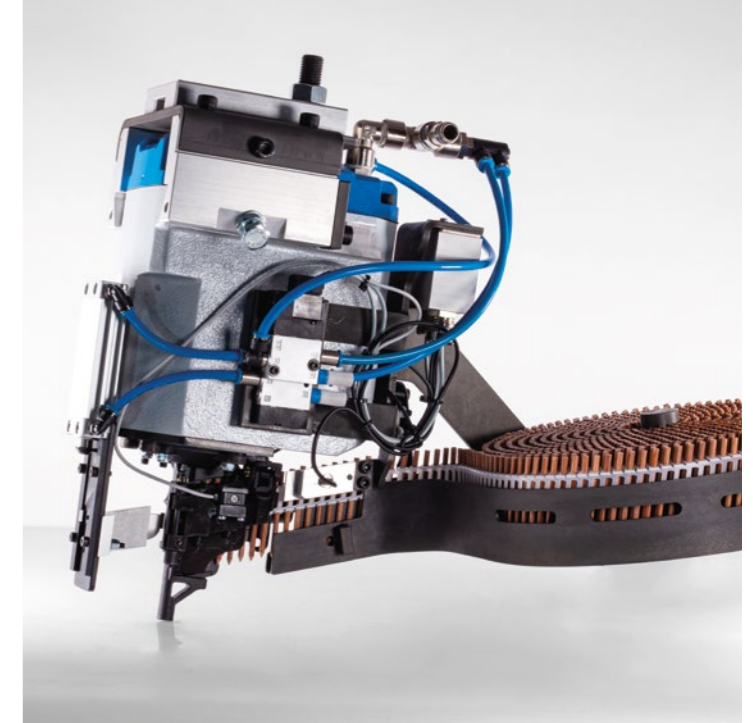
FASCO® FASTENING SYSTEMS FOR AUTOMATION OVERVIEW



All FASCO® fastening systems for automation have one thing in common – the uncompromising quality required by pros and versatile customization options. In detail, they offer different benefits and are suited for a multitude of different applications.

NAILING HEADS

- > Prefabricated housing
- > Boxes, crates & pallets
- > Solid wood construction: NCLT, CLT, NLT
- > And more



STAPLERS & BRADDERS

- > Kitchen units
- > Picture frames
- > Insulation
- > Millwork
- > And more

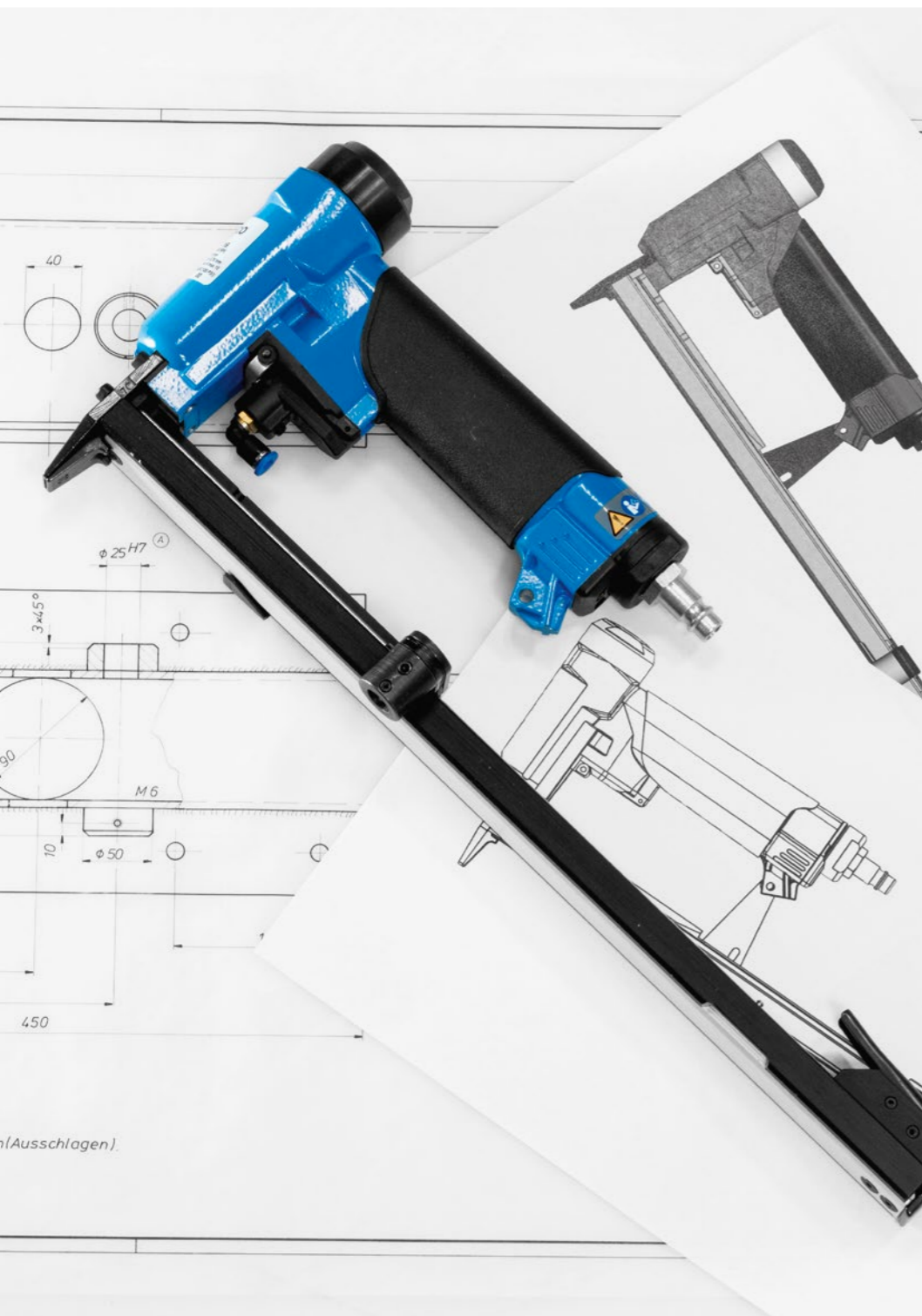


NAILER & JUMBO NAILER

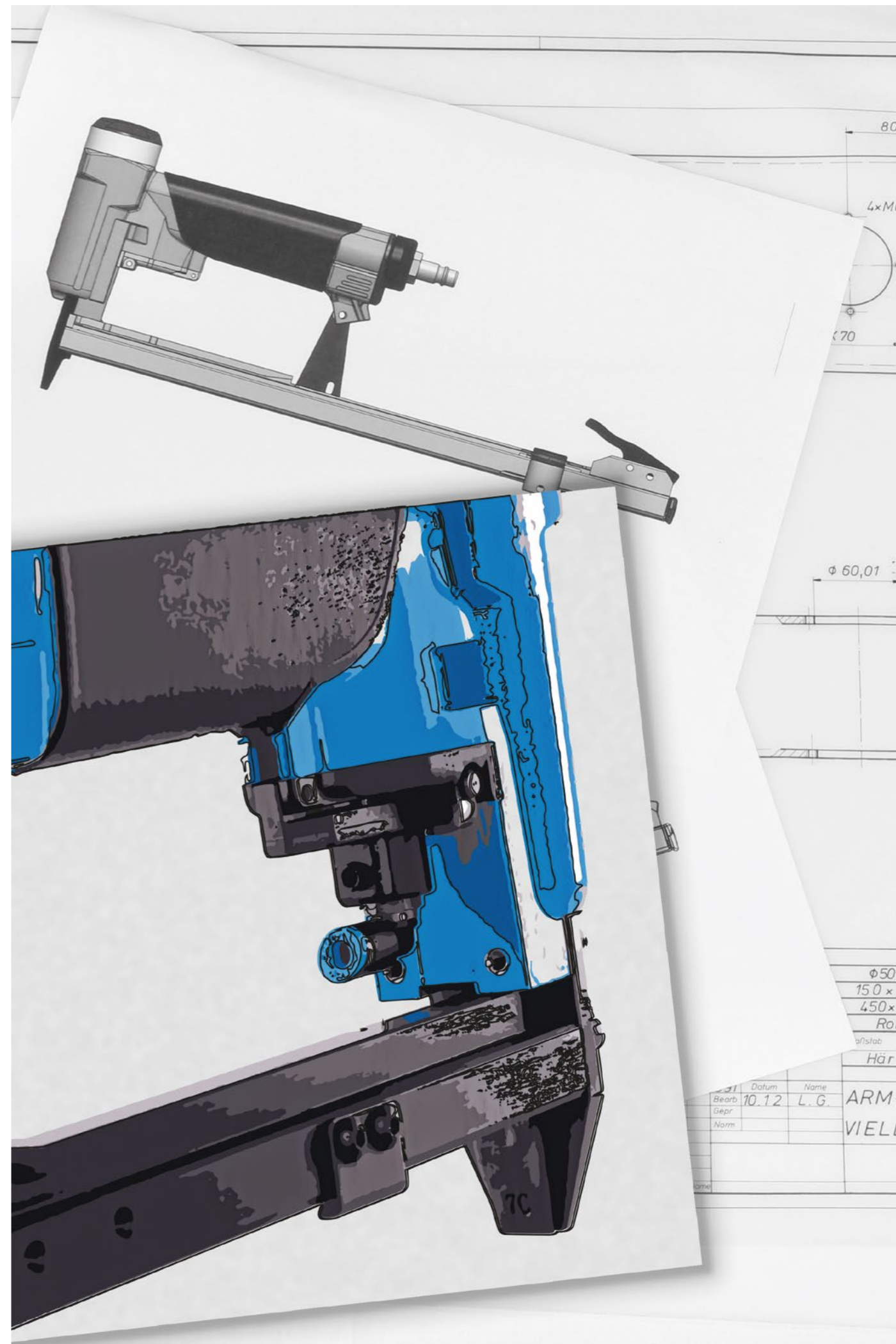
- > Heavy duty framing
- > Landscape timbers
- > Wharves, docks and boardwalks
- > Column laminating
- > And more

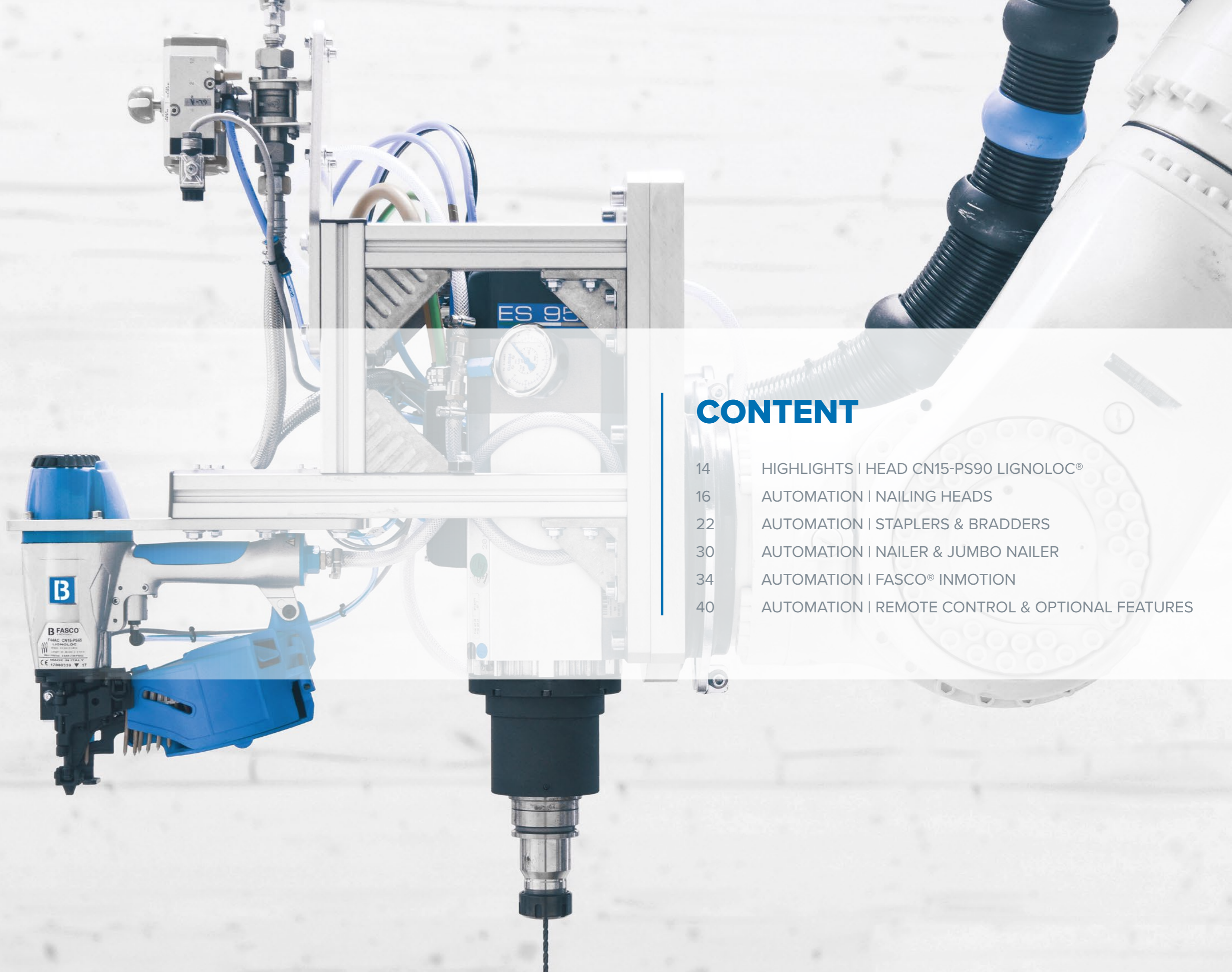


MORE THAN JUST A SOLUTION



At BECK, we want our customers to identify the perfect fastening system for their application. BECK has therefore tasked itself to create modular systems for automation that covers a wide variety of challenges. Whether, for example, it's for the automated construction of pallets, furniture or wall elements. Modern automation solutions that are high-quality, efficient, technically well thought out and durable. Maybe you already know what you need. Or you are still looking for the ideal solution that meets your demands. Regardless of what you need, we are happy to be at your side as a partner with our creative ideas and our decades of fastening expertise to help you select the perfect system. Of course you can also test our products: just contact us.



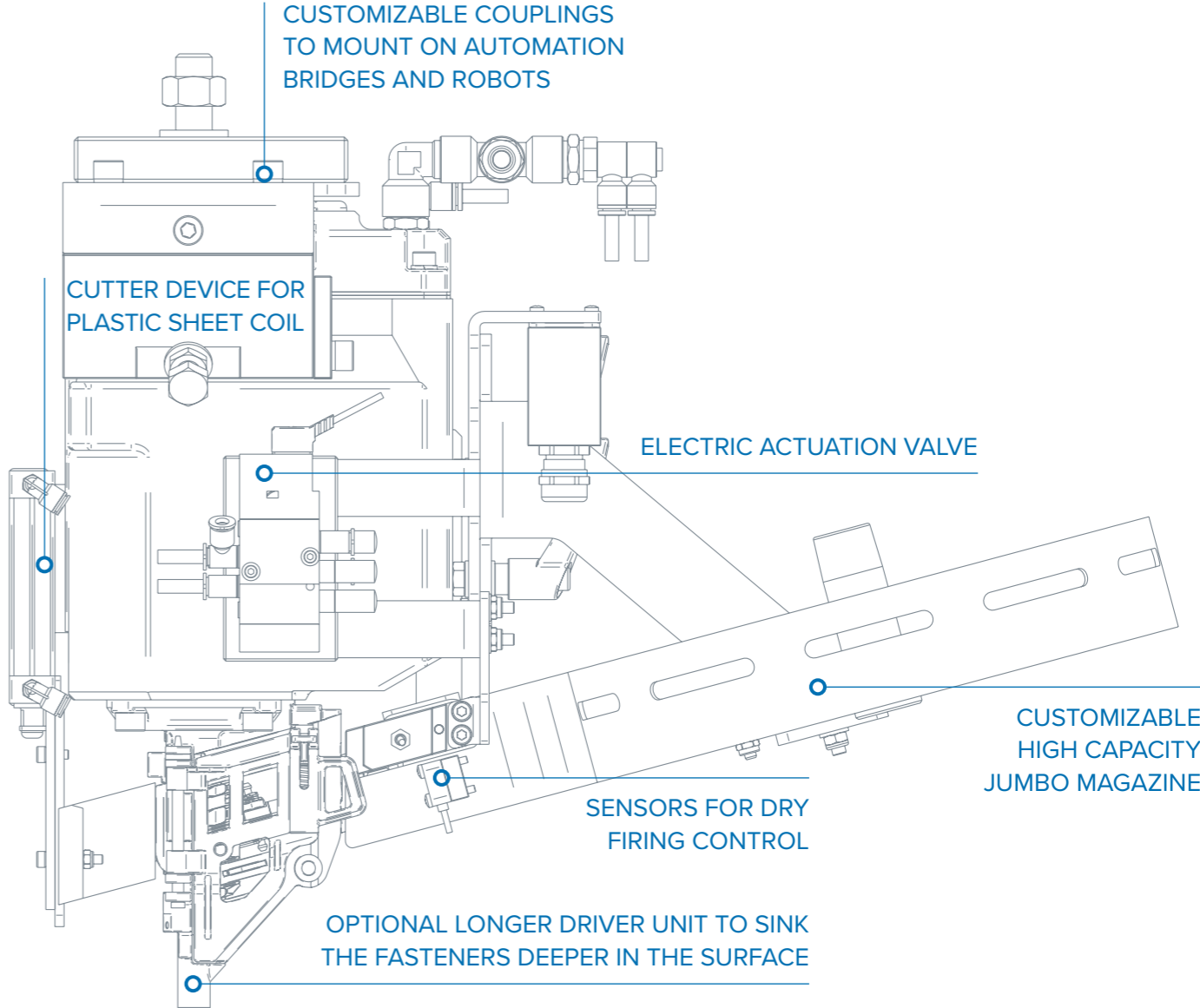
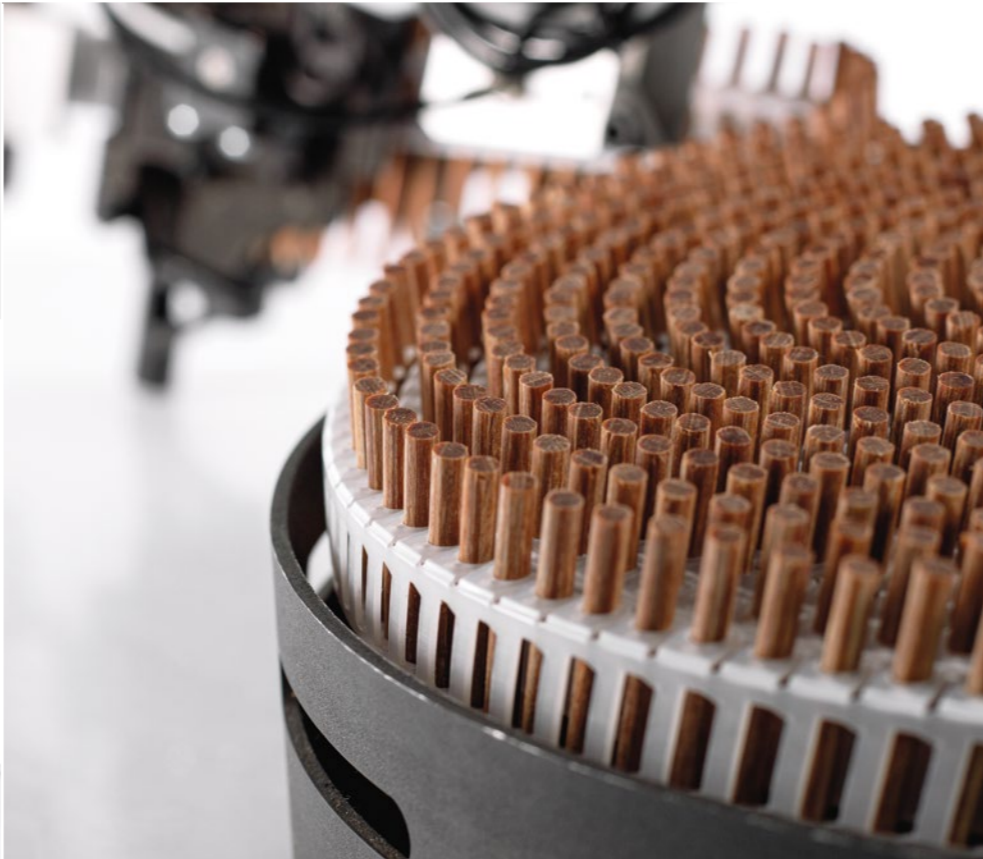
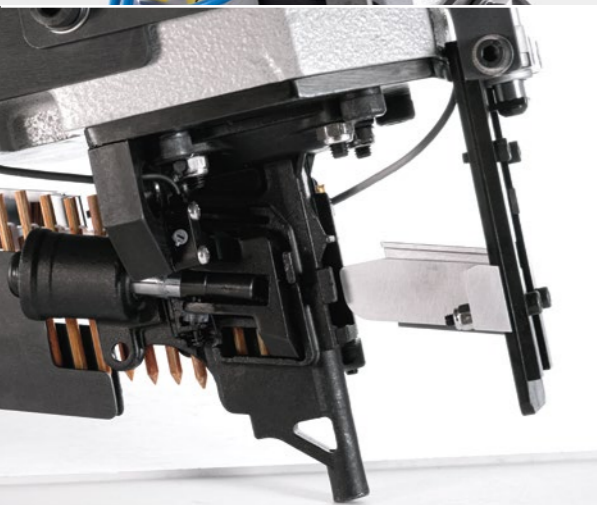
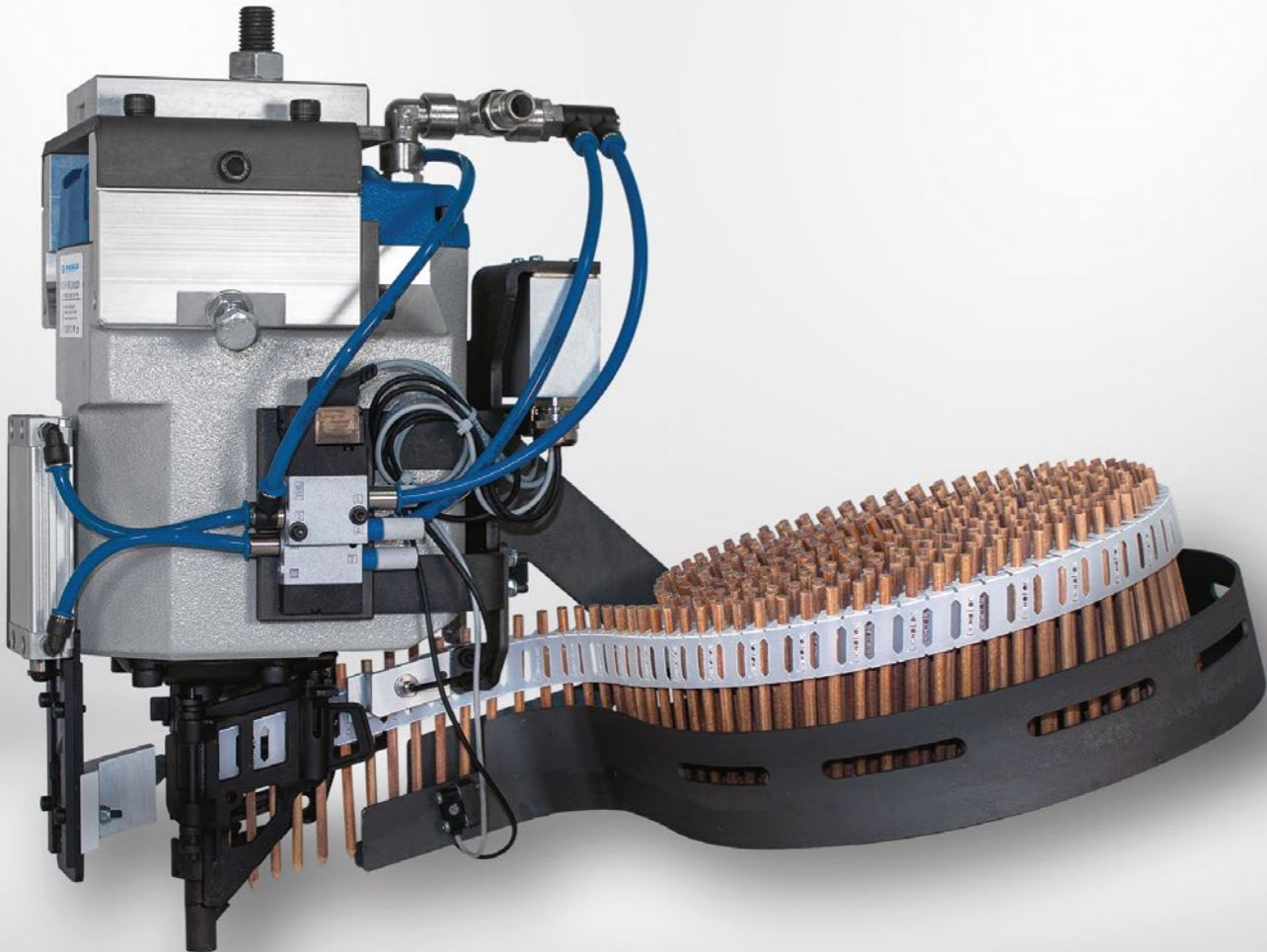


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HIGHLIGHTS HEAD CN15-PS90 LIGNOLOC®

FASCO® head stationary systems are ideal solutions for automatic applications. They come with diverse electromechanical features to control the fastening process and optimize the workflow. The tools are equipped with an array of accessories offering modular automated solutions for different industrial applications.



AUTOMATION | NAILING HEADS

HEAD CN15W-57A

Description: Specially designed HEAD CN15W-57A for 15° Wire Coil Nails.

Strength: Customizable to a lot of different applications thanks to its different features.

Features and Benefits:

- > Double bumper to increase the lifetime of the bumpers and the driver blade.
- > Longer driver blade to sink the fasteners deeper into surface.
- > Sensor controlled fastening to avoid dry fires and customizable magazine to different coil sizes.

MODEL	FEATURES	FASTENER DATA
R31627 HEAD CN15W-57A	Double bumper	Collation Type 15° Wire Coil Nails
R31768 HEAD CN15W-57A LD	Long driver blade + double bumper	Diameter 2.10 - 2.50 mm
R31824 HEAD CN15W-57A MAG	Magazine + double bumper	Head 4.80 - 6.20 mm
R31788 HEAD CN15W-57A ES MAG STIRRUP	Sensors + magazine + top support + double bumper	Length 25 - 57 mm
R31794 HEAD CN15W-57A ES MAG	Sensors + magazine + double bumper	

HEAD CN15W-45 ROOFING

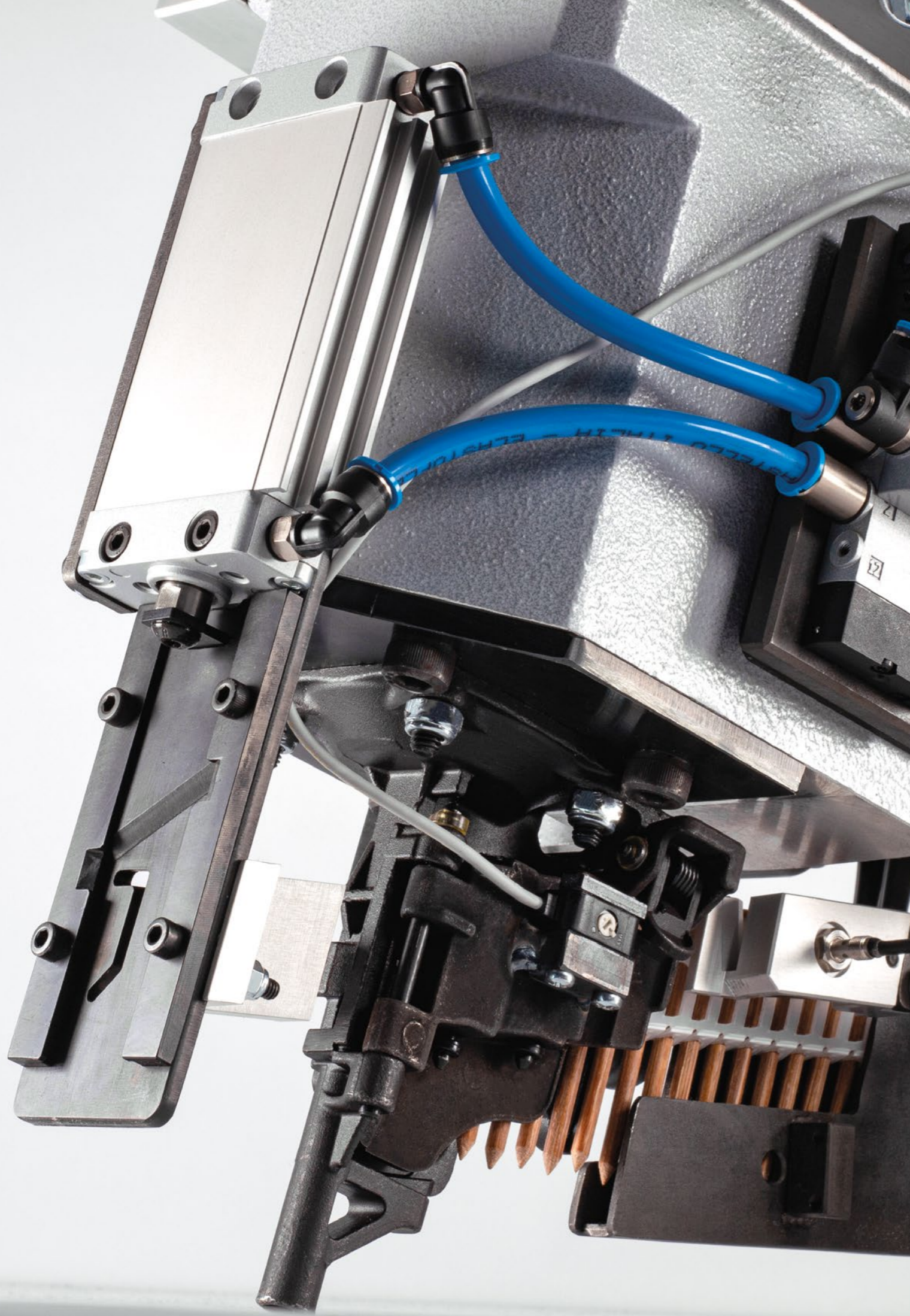
Description: Specially designed HEAD CN15W-45 ROOFING for 15° Wire Coil Roofing Nails.

Strength: For industrial applications with low maintenance.

Features and Benefits:

- > Double bumper to increase the lifetime of the bumpers and the driver blade.
- > Sensor controlled fastening to avoid dry fires and customizable magazine to different coil sizes.
- > Fully pneumatic feeder piston and customizable couplings to mount on automation bridges and robots.

MODEL	FEATURES	FASTENER DATA
R31739 HEAD CN15W-45 ROOFING	Double Bumper	Collation Type 15° Wire Coil Roofing Nails
		Diameter 3 mm
		Head 10 mm
		Length 19 - 45 mm



HEAD CN15W-PS90 SCR

Description: Specially designed HEAD CN15W-PS90 SCR for 15° Wire and Plastic Sheet Coil Nails and SCRAIL®.
Strength: Customizable to a lot of different applications thanks to its different features.

MODEL		FEATURES	FASTENER DATA		
R31666	HEAD CN15W-PS90 SCR	Long driver blade		Nails	SCRAIL®
R31769	HEAD CN15W-PS90 LD SCR		Collation Type	15° Wire and Plastic Sheet Coil Nails and SCRAIL®	
R31825	HEAD CN15W-90 SCR MAG	Magazine	Diameter Wire Coil	2.5 - 3.8 mm	2.8 - 3.8 mm
			Diameter CN-AG	2.5 - 3.1 mm	2.8 - 3.4 mm
			Head	5.5 - 7.1 mm	pozi square torx®/star versa philips®
			Length Nails	45 - 90 mm	50 - 90 mm

HEAD CN15W-90 SCR

Description: Specially designed HEAD CN15W-PS90 SCR for 15° Wire Coil Nails and SCRAIL®.
Strength: Customizable to a lot of different applications thanks to its different features.

MODEL		FEATURES	FASTENER DATA		
R31795	HEAD CN15W-90 SCR ES MAG	Sensors + magazine		Nails	SCRAIL®
R31784	HEAD CN15W-90 SCR ES MAG STIRRUP	Sensors + magazine + top support	Collation Type	15° Wire Coil Nails and SCRAIL®	
R31818	HEAD CN15W-90 ES LD SCR MAG STIRRUP	Long driver blade + Sensors + magazine + top support	Diameter	2.5 - 3.8 mm	2.8 - 3.8 mm
R31826	HEAD CN15W-90 ES MAG STIRRUP COVER	Sensors + magazine cover + top support	Head	5.5 - 7.1 mm	pozi square torx®/star versa philips®
			Length Nails	45 - 90 mm	50 - 90 mm

Features and Benefits:

- > Longer driver blade to sink the fasteners deeper into surface.
- > Sensor controlled fastening to avoid dry fires and customizable magazine to different coil sizes.
- > Magazine cover to protect the coils in the magazine in different working angles.
- > Customizable couplings to mount on automation bridges and robots.

HEAD CN15W-PS65

Description: Specially designed HEAD CN15W-PS65 for 15° Wire and Plastic Sheet Coil Nails.
Strength: Can process different collation types in industrial applications.

Features and Benefits:

- > Sensor controlled fastening to avoid dry fires.
- > Customizable high-capacity jumbo magazine and plastic sheet cutter to remove the plastic collation.
- > Customizable couplings to mount on automation bridges and robots.

MODEL		FEATURES	FASTENER DATA	
R31817	HEAD CN15W-PS65 ES MAG STIRRUP CUTTER	Sensors + magazine + top support + cutter	Collation Type	15° Plastic Sheet and Wire Coil Nails
R31855	HEAD CN15W-PS65 SCR		Diameter	2.30 - 2.90 mm
			Head	6.7 - 6.8 mm
			Length	38 - 65 mm

HEAD CN15 LIGNOLOC®

Description: Specially designed HEAD CN15 LIGNOLOC® for 15° Plastic Sheet Wooden Nails.
Strength: Developed for the use of LIGNOLOC® Wooden Nails in industrial applications.

Features and Benefits:

- > Sensor controlled fastening to avoid dry fires.
- > Customizable high-capacity jumbo magazine and plastic sheet cutter to remove the plastic collation.
- > Customizable couplings to mount on automation bridges and robots.

MODEL		FEATURES	FASTENER DATA	
R31819	HEAD CN15-PS90 LIGNOLOC®	Sensors + magazine + top support + cutter	Collation Type	15° LIGNOLOC® Plastic Sheet Wooden Nails
R31821	HEAD CN15-PS60 LIGNOLOC®	Sensors + magazine + top support + cutter	Diameter	HEAD PS90 LL 4.70 - 5.30 mm HEAD PS60 LL 3.70 mm
			Length	HEAD PS90 LL 65 - 90 mm HEAD PS60 LL 38 - 60 mm

APPLICATIONS



WOODEN PACKAGING
AND PALLETS



SOLID WOOD
CONSTRUCTION:
NCLT, CLT, NLT



CLADDING



PREFABRICATED HOUSING



AUTOMATION | STAPLERS & BRADDERS

AUTOMATION | STAPLERS

F1B 80-16

Description: Specially designed F1B 80-16 stapler for BEA® 80, HAUBOLD® 800 and SENCO® AT staples.

Strength: With its many features it's the ideal solution for diverse applications in automation industry.

Features and Benefits:

- > Long magazine for less frequent reloading.
- > Top and bottom loading magazine available based on application for easier reloading.
- > Remote trigger for automation applications.

MODEL		FEATURES	FASTENER DATA	
11613	F1B 80-16 LMTL RC MC SIDE PUSHER	Long magazine + top loading + side pusher + remote trigger	Inside Crown	11.30 mm
			Outside Crown	12.80 mm
11813	F1B 80-16 LN50 LMTL SP RC MC	Long nose + long magazine + top loading + side pusher + remote trigger	Diameter	0.60 x 0.90 mm
			Length	6 - 16 mm
			Capacity	320

F1B 7C-16

Description: Specially designed F1B 7C-16 automatic stapler for SENCO® 3G (=C), BEA® 71 or JK670 staples.
Strength: Extremely fast automatic stapler (up to 1600 shots per minute).

Features and Benefits:

- > Long magazine for less frequent reloading.
- > Top and bottom loading magazine available based on application for easier reloading.
- > Remote trigger for automation applications.

MODEL	FEATURES	FASTENER DATA
11632 F1B 7C-16 AUT. LMTL RC SIDE PUSHER	Long magazine + top loading + side pusher + remote trigger aut.	Inside Crown 7.70 mm Outside Crown 9.00 mm
11772 F1B 7C-16 LMTL SP RC	Long magazine + top loading + side pusher + remote trigger	Diameter 0.60 x 0.75 mm Length 6 - 16 mm Capacity 385

F1B 41-19 LMTL RC SIDE PUSHER

Description: Specially designed F1B 41-19 LMTL RC stapler for SENCO® N3 (=A) or PREBENA® U staples.
Strength: With its many features it's the ideal solution for diverse applications in automation industry.

Features and Benefits:

- > Long magazine for less frequent reloading.
- > Top and bottom loading magazine available based on application for easier reloading.
- > Remote trigger for automation applications.

MODEL	FEATURES	FASTENER DATA
- F1B 41-19 LMTL RC MC SIDE PUSHER	Long magazine + top loading + remote trigger + side pusher	Inside Crown 3.50 mm Outside Crown 4.70 mm Diameter 0.50 x 0.75 mm Length 6 - 19 mm Capacity 400

F1B 42-16 LMTL RC MC SIDE PUSHER

Description: Specially designed F1B 42-16 LMTL RC tool for SENCO® N5 (=E), PREBENA® TS or BEA® 91 staples.
Strength: With its many features it's the ideal solution for diverse applications in automation industry.

Features and Benefits:

- > Long magazine for less frequent reloading.
- > Top and bottom loading magazine available based on application for easier reloading.
- > Remote trigger for automation applications.

MODEL	FEATURES	FASTENER DATA
- F1B 42-16 LMTL RC MC SIDE PUSHER	Long magazine + top loading + remote trigger + side pusher	Inside Crown 3.50 mm Outside Crown 4.70 mm Diameter 0.50 x 1.25 mm Length 6 - 19 mm Capacity 240

F1B SR5-16 LMTL SP

Description: Specially designed stapler for SENCO® 5 (=F), BOSTITCH® SB5019 or PREBENA® P staples.
Strength: With its many features it's the ideal solution for diverse applications in automation industry.

Features and Benefits:

- > Long magazine for less frequent reloading.
- > Top and bottom loading magazine available based on application for easier reloading.
- > Remote trigger for automation applications.

MODEL	FEATURES	FASTENER DATA
- F1B SR5-16 LMTL SP CT	Long magazine + top loading + contact trip + side pusher	Inside Crown 11.60 mm Outside Crown 12.80 mm
- F1B SR5-16 LMTL SP RC	Long magazine + top loading + remote trigger + side pusher	Diameter 0.50 x 1.25 mm Length 6 - 16 mm Capacity 230

F21P 90-25A LMTL SP CT RC

Description: Specially designed stapler for BEA® 90, DUOFAST® 18, SENCO® L or PREBENA® E staples.

Strength: With its many features it's the ideal solution for diverse applications in automation industry.

Features and Benefits:

- > Long magazine for less frequent reloading.
- > Top loading magazine for easier reloading.
- > Remote trigger for automation applications.

MODEL	FEATURES	FASTENER DATA
- F21P 90-25A LMTL SP CT RC	Long magazine + top loading + contact trip + side pusher + remote trigger	Inside Crown 3.20 mm Outside Crown 5.70 mm Diameter 1.00 x 1.25 mm Length 12 - 25 mm Capacity 225

F21P 97B-25A LMTL SP CT RC

Description: Specially designed F21P 97B-25A LMTL SP stapler for BEA® 97 or PREBENA® O staples.

Strength: With its many features it's the ideal solution for diverse applications in automation industry.

Features and Benefits:

- > Long magazine for less frequent reloading.
- > Top loading magazine for easier reloading.
- > Remote trigger for automation applications.

MODEL	FEATURES	FASTENER DATA
- F21P 97B-25A LMTL SP CT RC	Long magazine + top loading + contact trip + side pusher + remote trigger	Inside Crown 3.00 mm Outside Crown 4.60 mm Diameter 0.70 x 0.90 mm Length 12 - 25 mm Capacity 315

AUTOMATION | BRADDERS

F21T GN-25 LMTL SP CT RC

Description: Specially designed F21T GN-25 LMTL SP CT RC bradder for 18G (=GN) brads.

Strength: With its many features it's the ideal solution for diverse applications in automation industry.

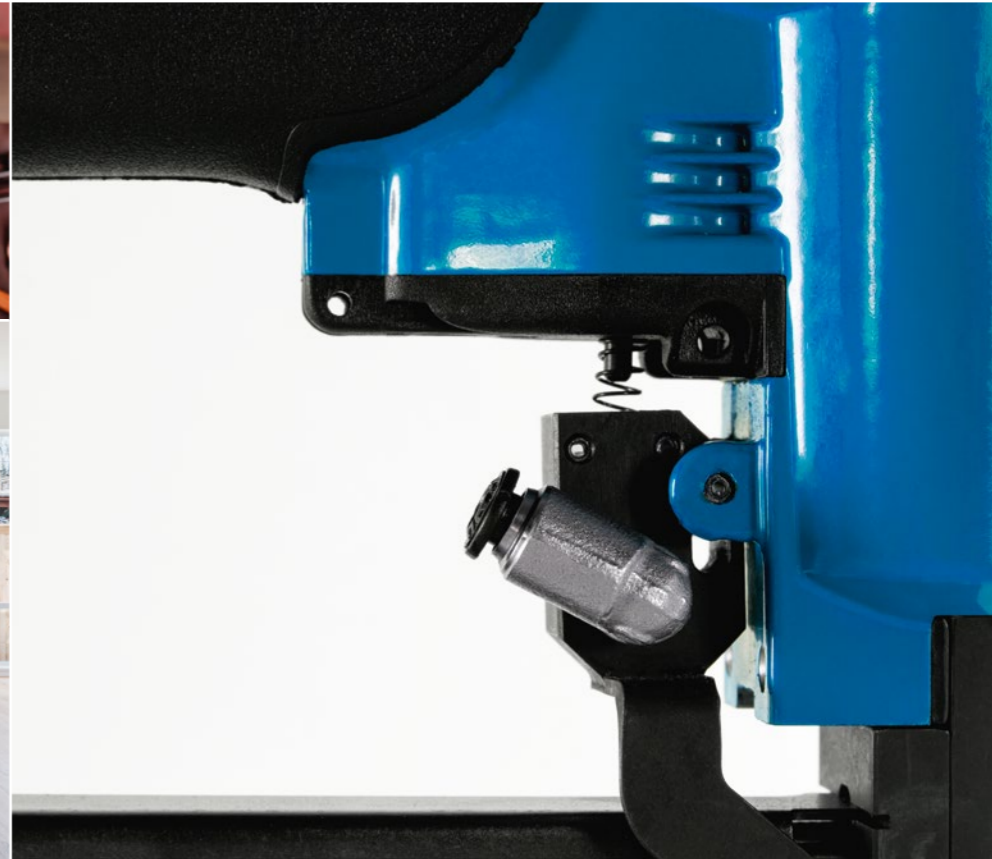
Features and Benefits:

- > Long magazine for less frequent reloading.
- > Top loading magazine for easier reloading.
- > Remote trigger for automation applications.

MODEL	FEATURES	FASTENER DATA
- F21T GN-25 LMTL SP CT RC	Long magazine + top loading + contact trip + side pusher + remote trigger	Shank 1.00 - 1.27 mm Head 2.20 mm Length 12 - 25 mm Capacity 300

APPLICATIONS

- > KITCHEN UNITS
- > FRAME ASSEMBLY
- > SHOE MAKING
- > PICTURE FRAMES
- > UPHOLSTERY





AUTOMATION | NAILER & JUMBO NAILER

F91A RHN 20-130 | F91AC RHN 20-130

Description: The F91A RHN 20-130 nailer is specially designed for JUMBO nails up to 130 mm length.

Strength: With its special features it's the ideal solution for diverse applications in automation industry.

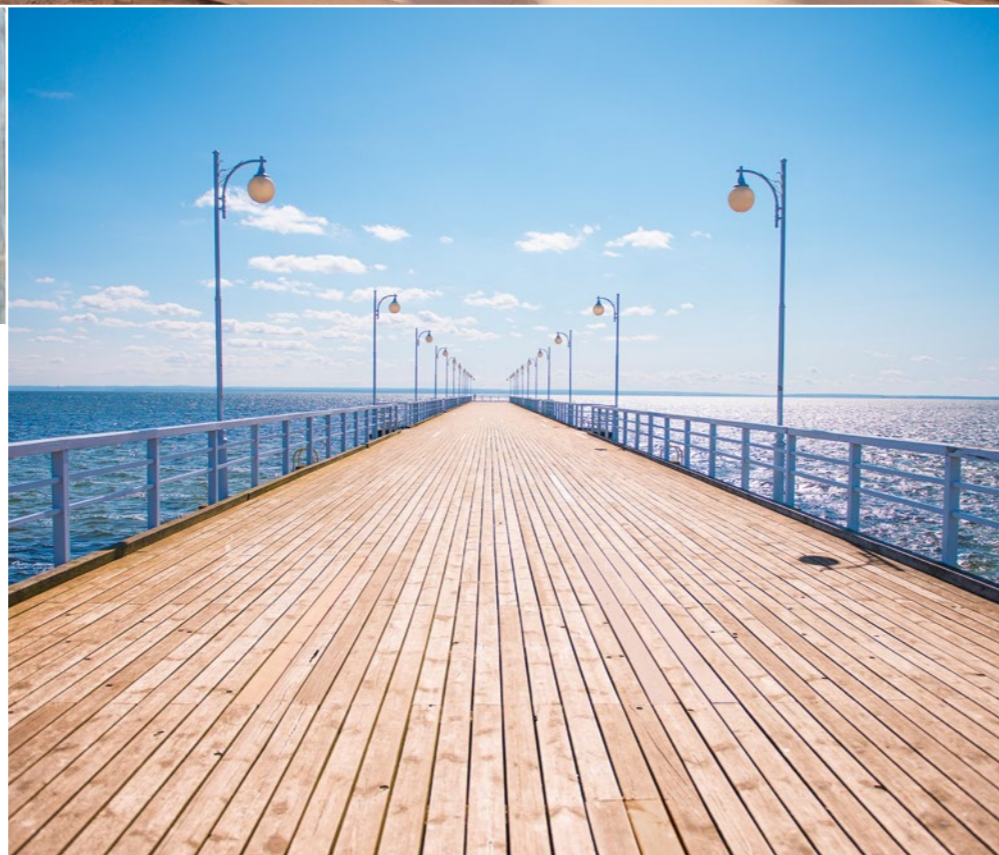
Features and Benefits:

- > Long magazine for less frequent reloading.
- > Remote trigger for automation applications.

MODEL	FEATURES	FASTENER DATA
11412.01 F91A RHN 20-130 LM RC WS WRI	Long magazine + remote trigger	Collation Type 20° Diameter 3.80 - 4.20 mm
11545 F91AC RHN 20-130 LM RC WS RI	Long magazine + remote trigger	Head 7.0 - 8.0 mm Length 80 - 130 mm Capacity 100

APPLICATIONS

- > HEAVY DUTY FRAMING
- > HEAVY DUTY PALLETS, CRATING AND DUNNAGE
- > LANDSCAPE TIMBERS
- > WHARVES, DOCKS AND BOARDWALKS
- > LOG HOME CONSTRUCTION AND ROOF CONNECTIONS
- > CONCRETE FORMS AND RETAINING WALLS
- > COLUMN LAMINATING
- > NAIL LAMINATED TIMBER CONSTRUCTION





Available
November 2021

AUTOMATION | FASCO® INMOTION

FASCO® INMOTION

Description: The INMOTION is a hand-held slide for precise stapling or nailing.

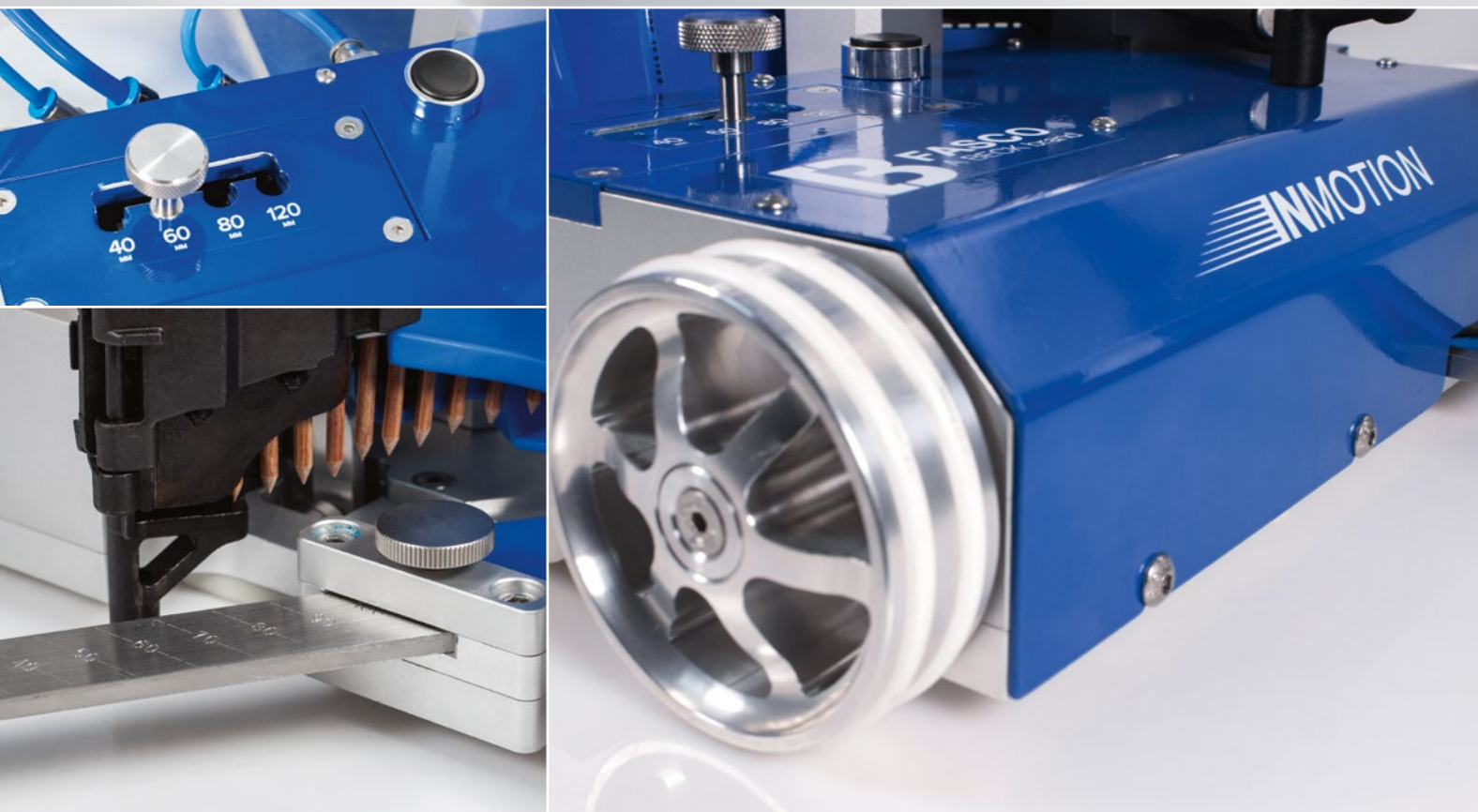
Strength: With its smooth and precise straight-line, the INMOTION offers a good start to series production.

Features and Benefits:

- > All setting and adjustment options can be carried out by hand and tool-free.
- > Mechanically predefined shot ranges of 40, 60, 80 and 120 mm.
- > Good straight-line stability thanks to the star axle and double rubber profiled metal wheels.
- > Handles on both sides, can be triggered individually, infinitely adjustable on one side by 220 mm.
- > Freely adjustable pogo stick for standing work or for two-man operation at broad walls up to 250 cm. Longer pogo sticks are also possible.
- > Switch to change the trigger signal from the pogo stick to the handles.
- > The change of the tool devices and height adjustment can be made tool-free.
- > Centrally arranged safety contact for shooting in the edge area.
- > Adjustable side stop up to 100 mm with captive parking station.
- > Fixed aiming device at the rear and front.
- > Modular structure to increase the tool installation space.
- > Materials: aluminum and stainless steel.

APPLICATIONS

- > FASTENING OF WOOD-BASED PANELS, GYPSUM FIBER AND PLASTERBOARD PANELS AS WELL AS INSULATION PANELS IN TIMBER FRAME CONSTRUCTION
- > CONNECTION OF WOOD-BASED PANELS IN THE PACKAGING INDUSTRY
- > FLOOR CONSTRUCTIONS



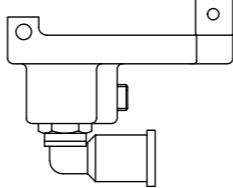
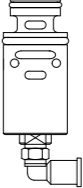
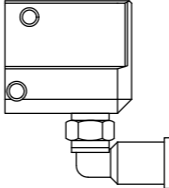
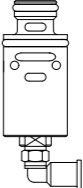
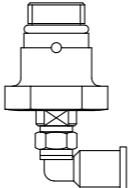
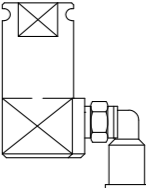
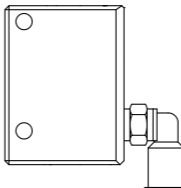
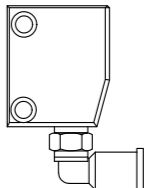


B FASCO[®]
A BECK brand

INMOTION

AUTOMATION | REMOTE CONTROL & OPTIONAL FEATURES

Remote control valves are available to transform **FASCO**® manual tools into automatic tools. By using a remote valve control kit, you can use your **FASCO**® manual tool in machine-mounted applications and stationary systems. All remote valves are signal controlled, which is ideal for industrial automated applications. Each model series has its own kit and we also offer individually designed couplings that can be adapted to the customer's machine requirements. Please contact us for details.

SCHEMATIC VIEW	CODE TOOL MODEL	SCHEMATIC VIEW	CODE TOOL MODEL
	140095.2 1A - AB STANDARD		140330 33
	140386 20A		140326.1 42 - 44A - 48A - 58A
	140394 23A		140239 45-6A
	140318.1 91A		140372 46-46A

PRODUCT VARIETY THAT CONNECTS

ONE-STOP FASTENING EXPERTISE

Since 1904 our focus has been to offer our customers the highest quality and perfect, tailor-made solutions for their complex challenges as providers and implementers of ideas. From wooden constructions to high-quality car interiors up to satellites.

With more than 34,000 products, by far the broadest product range on the market, we have a perfect solution for virtually every job. For us, this variety is not only challenging, but also extremely valuable. Our unique in-house experience enables us to set standards in quality and solutions and to create completely new ideas that excite our customers.

Since we love what we do, we never stand still and keep moving to constantly improve ourselves and our work. Every single day we are driven to advance and to work on ideas that create excellent connections. While developing, we cross borders and discover new paths, by leaving the status quo behind. We love to take unconventional paths. For only those who can imagine a

world without metal, can also reinvent a wooden nail and open up completely new perspectives for their customers, beyond the conceivable.

We call our claim: **BEYOND FASTENING.** Because we want to offer our customers so much more than just fastening systems.

Explore more at www.beck-fastening.com or www.beck-america.com



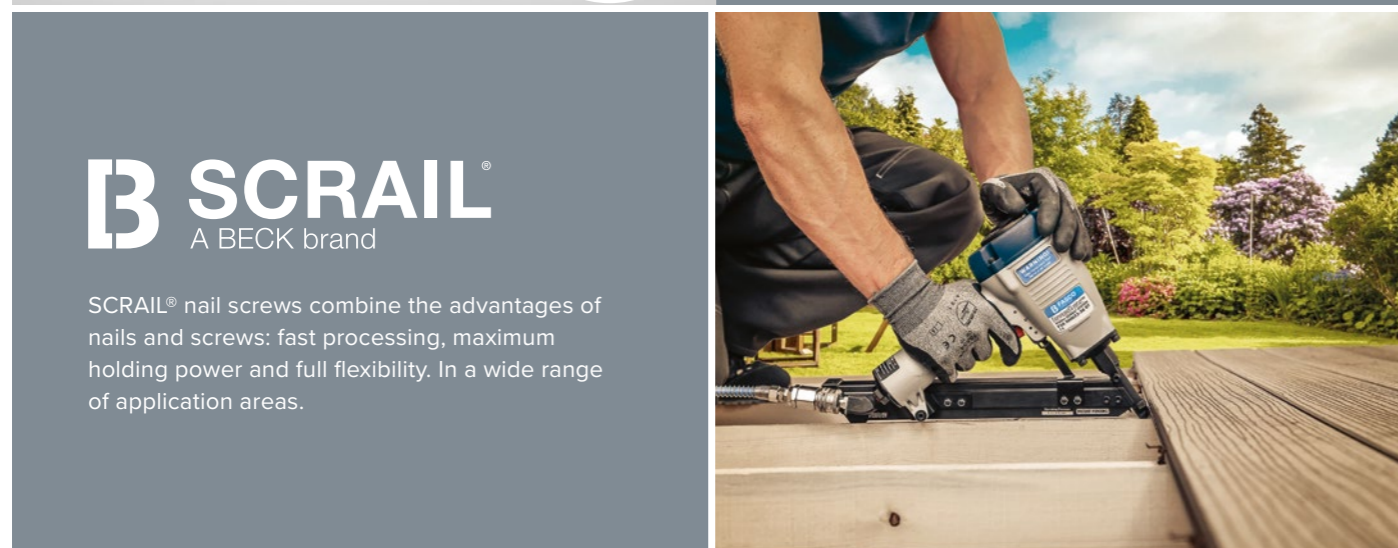
B FASCO®
A BECK brand

The broadest range of standard fasteners and tools on the market. From all imaginable staples to brads and pins to collated nails of different materials. As well as the corresponding pneumatic tools with more than 100 different models.



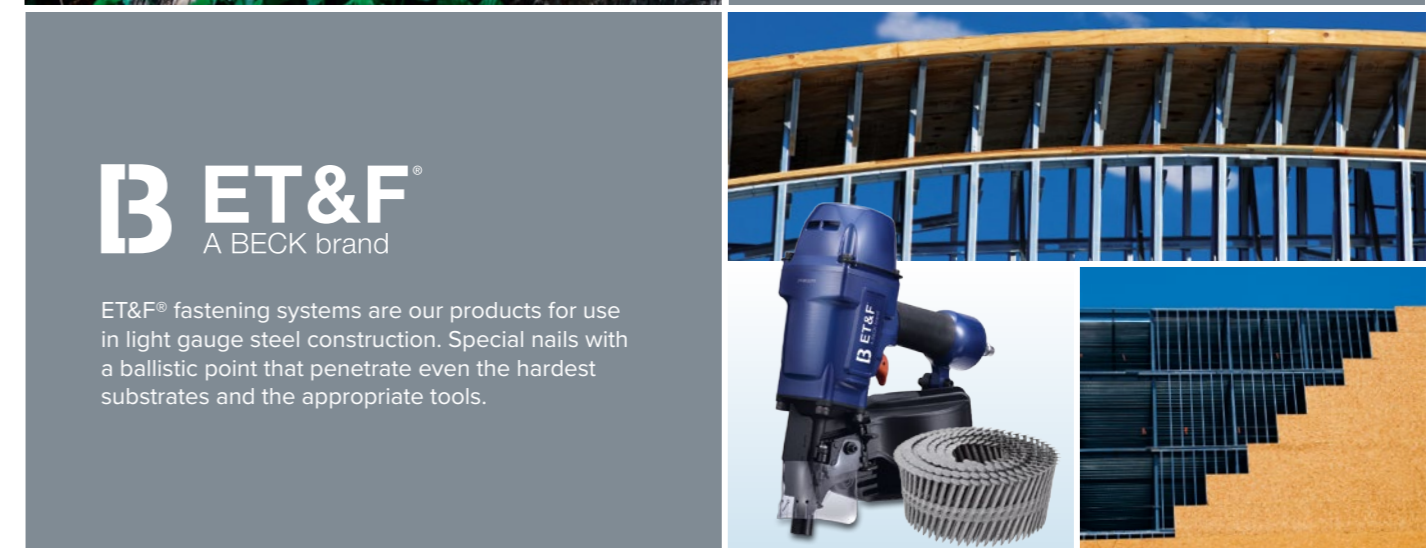
B LIGNOLOC®
A BECK brand

The first collated wooden nail. Outstandingly versatile. Whether for example it be working with reclaimed wood, interior timber cladding, wooden furniture or the production of cross-laminated timber or solid wood wall systems. And easy to shoot with the FASCO® pneumatic nailer in the LIGNOLOC® EDITION.



B SCRAIL®
A BECK brand

SCRAIL® nail screws combine the advantages of nails and screws: fast processing, maximum holding power and full flexibility. In a wide range of application areas.



B ET&F®
A BECK brand

ET&F® fastening systems are our products for use in light gauge steel construction. Special nails with a ballistic point that penetrate even the hardest substrates and the appropriate tools.



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