

III BeA
GROUP

autotec



HOME OF AUTOMATED FASTENING



PRODUCTS | SOLUTIONS | SERVICES



CONTENT

01

autotec

YOUR PARTNER FOR AUTOMATED FASTENING

06

02

SOLUTIONS FOR VARIOUS INDUSTRIES

FASTENING SOLUTIONS FOR INDUSTRIAL WOOD PROCESSING

08

03

PRODUCT SELECTION

FIVE STEPS TO THE RIGHT PRODUCT SELECTION

10

04

PRODUCTS

PRODUCT OVERVIEW	12
CASSETTE TOOL	14
– series 264	16
– series 284	20
COIL NAILER	22
– series 288	24
HI-LOAD COIL NAILER	26
– series 288	28
STRIP NAILER	26
– series 270	28
SKATER VARIO	26
– versatile chassis system	28
SCREWDRIVER	28
– SD evo	

05

FASTENERS

FASTENERS – TESTED QUALITY FOR BEST RESULTS	30
---	----

06

FEATURES

OVERVIEW	32
----------	----

07

CONTACT DETAILS

ALWAYS THERE. ALWAYS NEAR. YOUR DIRECT LINE TO US	34
THERE FOR YOU WORLDWIDE	35



autotec

YOUR PARTNER FOR AUTOMATED FASTENING.

Process reliable. Efficient. Made in Germany.

As part of the BeA Group, autotec is your first choice for automated fastening technology. With 115 years of experience in the fastening industry, we combine extensive expertise and the highest quality for maximum process reliability in your woodworking business.

The autotec brand stands for precise, integrable solutions in industrial manufacturing. Whether coil nailers, screw-drivers or cassette and long magazine systems – our tools are individually tailored to the fastening requirements of your production process and your cycle times. They offer maximum repeat accuracy, reduce manual work steps and increase your manufacturing efficiency. The possibility of automation is becoming increasingly important, especially for small and medium-sized companies, and can be successfully implemented by using our autotec tools.

Whether as a standalone process, an integrated production step, or cobot/robot-assisted – autotec develops automated fastening solutions that set standards in efficiency, quality, and future viability.

Advantages of autotec

- Market and quality leader in Europe and in North America
- 115 years of expertise in fastening technology
- In-house development and production in Germany and Europe
- Made in Germany: durable, precise, low-maintenance
- Global personal service through branches in 14 countries and distribution partners in over 40 other countries
- Over 20,000 customers worldwide
- Customised fastening solutions – standardised or engineered-to-order
- Maximum integration depth & efficiency
- First-class technical support & fast response times
- Short delivery times for standard tools



skater vario
The new
SKATER VARIO

autotec innovations

The new SKATER VARIO –
for an optimum of work results. Flexible conversion possible. Fast. Secure. Efficient.

The autotec SCREWDRIVER SD evo –
for coil screws with a capacity of up to 1,400 screws.

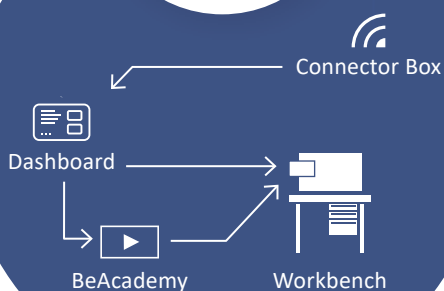
BeAcademy –
the BeA Group's learning and information platform.



BeAcademy



**autotec
SCREWDRIVER
SD evo**



FASTENING SOLUTIONS FOR INDUSTRIAL WOOD PROCESSING.

Industry expertise that increases the reliability of your automated production.

When wood is processed in industrial production, autotec is your competent and reliable partner. Whether in prefabricated house construction, the furniture industry, for crates and pallets, as well as in the automotive industry, we offer solutions for a wide range of applications. Years' of experience, a deep understanding of processes and technical innovation make us the leading solution provider for a wide range of requirements. Together with our customers, we develop future-proof, economical and high-performance solutions for automated and semi-automated fastening. We always find a solution.



PREFABRICATED HOUSE CONSTRUCTION

We understand the special challenges in prefabricated house construction – from batch production and high tolerance requirements to flexibility with changing element sizes. The solutions from autotec enable precise, fast and secure fastener placement, adapted to individual requirements and processes. The result: reduced cycle times, less rework and a measurably higher output with consistently high quality.



FURNITURE INDUSTRY

High-performance tools for the mass production of furniture: autotec offers tailor-made fastening solutions for automated and semi-automated production. Our technology can be precisely adapted to the workpiece and processes, reduces manual work steps and ensures permanently secure connections – for products of consistently high quality due to optimised processes.



CRATES & PALLETS

Speed, robustness and cost control are essential in the production of crates, pallets and wooden packaging. autotec supplies reliable technology for demanding cycle times – from individual machines to the assembly of fully-automated production lines. Our systems are designed for tough industrial use, are easy to integrate and easy to maintain. This enables economical production with maximum reliability.

FIVE STEPS TO THE RIGHT PRODUCT SELECTION.

Which fastening technology suits my application?

The requirements for an autotec fastening solution are often very individual. To help you find the right solution quickly, we have compiled the most important questions for selecting our tools and fasteners.



**Automation technology –
when standard
solutions are no longer sufficient**

01

Which fastener should be used?

Different staples, nails or screws are used depending on the material and application. The right choice is crucial for quality and durability.

02

How much space is available for the tool?

Depending on the installation situation, different magazine variants are recommended, such as: cassette tool, top loader, side loader, long magazine or a fully automatic loading system.

03

Are there special structural conditions?

Whether greater distances, areas that are difficult to access or special positioning – accessories such as extended lugs, side magazine loading or special brackets ensure maximum flexibility.

04

How many fasteners need to be processed per cycle or shift?

This determines the required magazine capacity, so that your processes remain efficient, and downtimes are minimized.

05

Which additional functions are required?

Functions such as stapling control, magazine control or electrical/pneumatic actuation increase process reliability and fit seamlessly into your production processes.

Any further questions?

We would be happy to support you personally in selecting the optimum solution. Get in touch with us!
We will advise you individually and offer practical advice.

autotec CASSETTE TOOL

compact design | fast processing (up to 10 staples per second) | increased productivity (up to 2,300 staples in the magazine) | fast reloading | electronic stapling and magazine control | versatile application

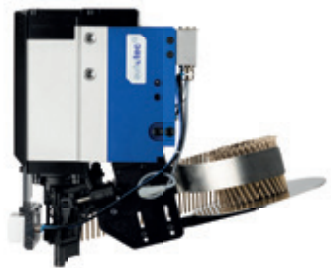
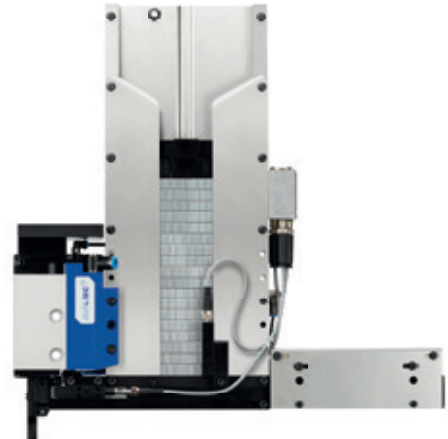
Prefabricated House Industry



autotec TOP LOADER

high magazine capacity (up to 10,000 staples) | fast processing (shot frequency of up to 8 staples per second) | minimized reloading times | electronic stapling and magazine control | various mounting options

Automotive Industry | Furniture Industry | Packaging Industry | Pallet Production



autotec COIL NAILER

large magazine (maxi coil up to 900 nails/hi-load coil up to 2,500 nails) | fast processing (shot frequency up to 4 nails per second) | increased productivity | electronic stapling and magazine control

Prefabricated House Industry | Packaging Industry | Pallet Production



NEW

autotec SCREWDRIVER SD evo

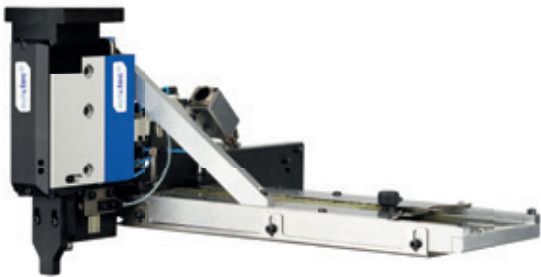
fast and precise (screw-in depth adjustable in 0.25 mm increments) | higher productivity (magazine capacity up to 1,400 screws) | powerful: 750 W servo motor, 3000 rpm, 6.8 Nm torque | can be automated (ideal for fully automated production processes)

Prefabricated House Industry

autotec SIDE LOADER

high magazine capacity (up to 5,000 staples) |
fast processing (shot frequency up to 6 staples per second) |
minimum reloading time | electronic stapling
and magazine control | various mounting options

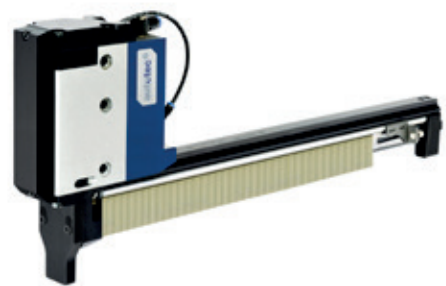
Automotive Industry | Furniture Industry |
Packaging Industry | Pallet Production



autotec LONG MAGAZINE

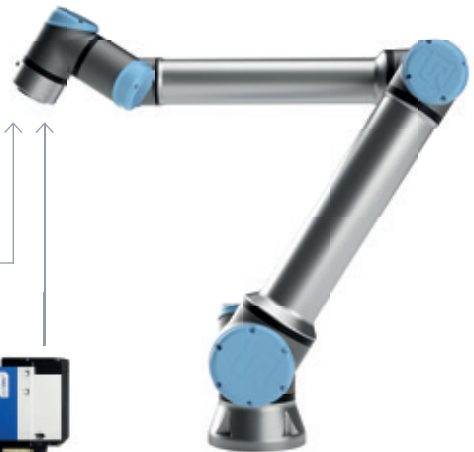
compact design | high capacity (up to 6 staples/pins/per second) |
high productivity (up to 500 staples or up to 300 pins/brads)
electronic stapling and magazine control |
any stapling direction

Automotive Industry | Furniture Industry |
Packaging Industry | Pallet Production



autotec LOADING
STATION FOR
ASSOCIATED autotec
STAPLE TOOLS

autotec TOOLS
CAN BE COMBINED WITH
VARIOUS ROBOT AND
COBOT SYSTEMS



autotec TOOL WITH LOADING STATION

high magazine capacity (up to 30,000 fasteners in the loading station) |
longer, uninterrupted production time |
fast processing (firing frequency up to 6 staples per second) |
perfect for automation (can be used for multi-axis robots and for cobots)

Furniture Industry | Automotive Industry | Packaging Industry

VARIOUS DESIGNS
FOR DIFFERENT STAPLE
TYPES AND LENGTHS



autotec CASSETTE TOOL series 264

compact design | fast processing (up to 10 staples per second) |
increased productivity (up to 2,300 staples in the magazine) |
fast reloading | electronic stapling and magazine control | versatile application

SECTOR

Prefabricated House Industry

FASTENER TYPE	LENGTH	CAPACITY
BeA Group staples 16, 155, 180, KG	32 – 65 mm 1 1/4" – 2 5/8"	up to 2,300 staples





autotec CASSETTE TOOL series 284

compact design | fast processing (up to 8 staples per second) |
increased productivity (up to 1,800 staples in the magazine) |
fast reloading | electronic stapling and magazine control | versatile application

SECTOR

Prefabricated House Industry

FASTENER TYPE	LENGTH	CAPACITY
BeA Group staples 180, 200	50 – 80 mm 2" – 3 1/4"	up to 1,800 staples





autotec CASSETTE TOOL series 284

compact design | fast processing (up to 4 staples per second) |
increased productivity (up to 600 staples in the magazine) |
fast reloading | electronic stapling and magazine control | versatile application

SECTOR

Prefabricated House Industry

FASTENER TYPE	LENGTH	CAPACITY
BeA Group staples 246	75 – 130 mm 3" – 5 1/8"	up to 600 staples



autotec[®]

SUITABLE FOR
BDC AND K-COIL
CONNECTION



autotec COIL NAILER series 288

large magazine (up to 900 nails) | fast processing
(shot frequency up to 4 shots per second) | increased productivity |
electronic stapling and magazine control

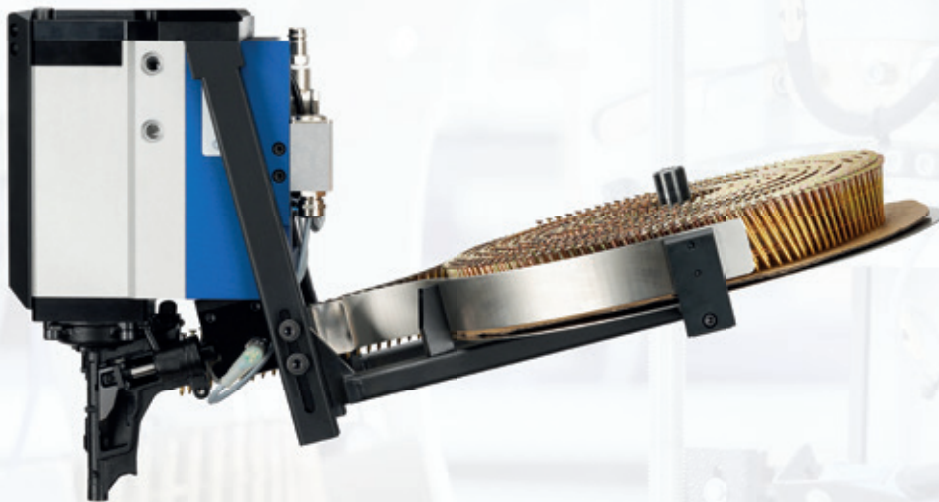
Prefabricated House Industry | Packaging Industry |
Pallet Production

SECTOR

FASTENER TYPE	LENGTH	CAPACITY
BeA Group nails BDC, K-Coil	50 – 90 mm 2" – 3 3/4"	up to 900 nails



HIGH MAGAZINE
CAPACITY: BDC COIL
UP TO 2,500 NAILS



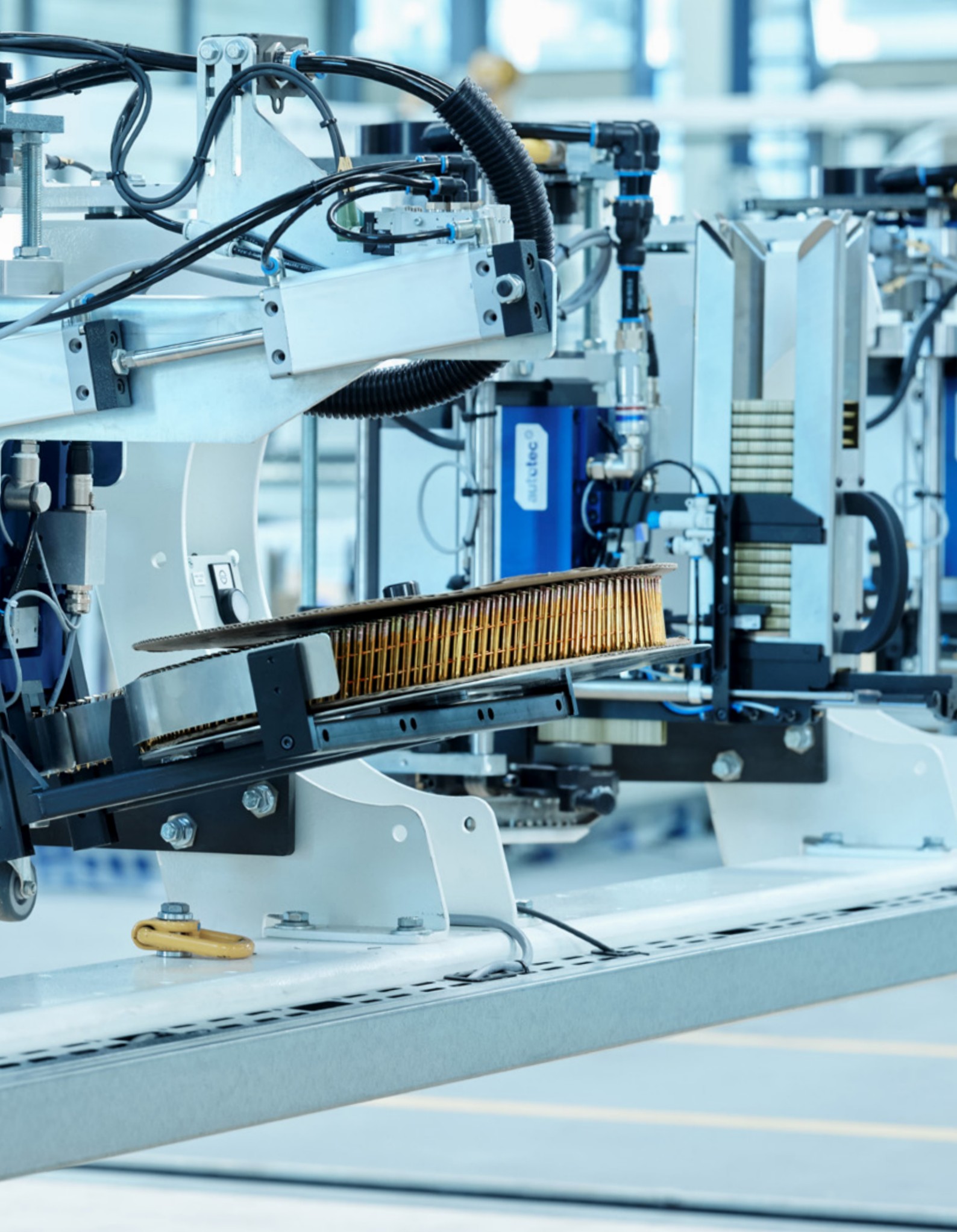
autotec HI-LOAD COIL NAILER series 288

large hi-load magazine (up to 2,500 nails) | fast processing times
(shot frequency up to 4 shots per second) | increased productivity |
electronic shot and magazine control

SECTOR

Prefabricated House Industry

FASTENER TYPE	LENGTH	CAPACITY
BeA Group nails BDC	50 – 90 mm 2" – 3 3/4"	up to 2,500 nails





HIGHER CAPACITY
DUE TO LONGER MAGAZINE

autotec STRIP NAILER series 270

large magazine capacity (up to 130 nails) | flexibility for a wide range of applications |
increased productivity through reduced reloading times
and fast processing (shot frequency up to 4 nails per second)

Prefabricated House Industry | Packaging Industry | Pallet Production

SECTOR

FASTENER TYPE	LENGTH	CAPACITY
BeA Group nails R20, D34	50 – 160 mm 2" – 6 1/4"	up to 130 nails



NEW

STAPLES CAN BE APPLIED
IN 0° POSITION



autotec SKATER VARIO

versatile chassis system

precise positioning (adjustable edge stop and bearing grooves for exact edge distances) |
individually adjustable fastening distances (40; 50; 66,7; 100 or 200 mm/
1 5/8"; 2"; 2 5/8"; 4" or 8" + other special sizes) | adjustable clamp angle:
0°, 15° and 30° position possible) | ergonomic | time-saving |
flexible configuration | gentle on materials |
integrated release lock for increased work safety

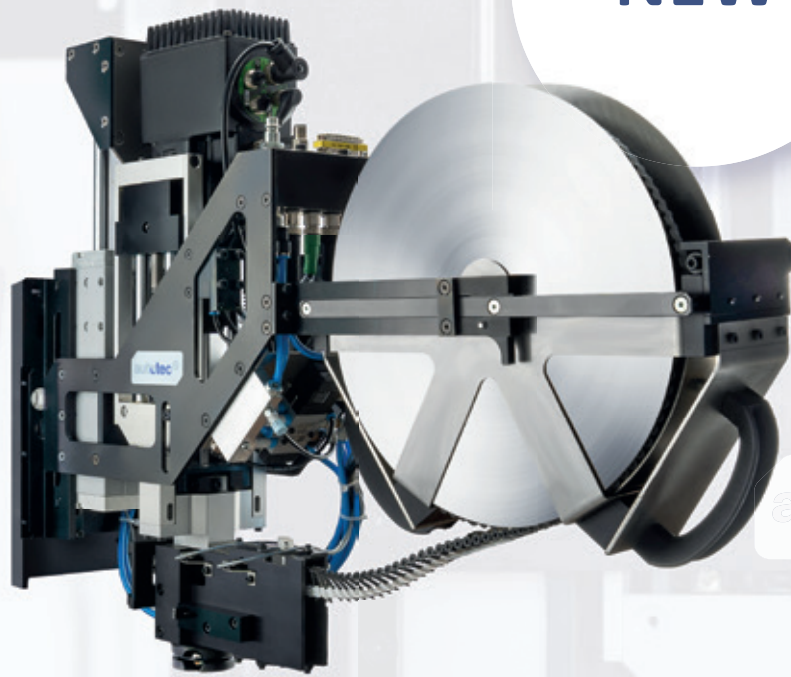
Timber Frame Construction

SECTOR

FASTENER TYPE	LENGTH	CAPACITY
BeA Group staples 14, 16, 155, 180, 246, KG	staples 40 – 130 mm/1 5/8" – 5 1/8"	up to 168 staples
BeA Group nails BDC, TC, K-Coil	nails 50 – 90 mm/2" – 3 3/4"	up to 250 nails



NEW



autotec®

autotec SCREWDRIVER SD evo

fast and precise (screw-in depth adjustable in 0.25 mm increments) |
higher productivity (magazine capacity up to 1,400 screws) |
powerful: 750 W servo motor, 3000 rpm, 6.8 Nm torque |
can be automated (ideal for fully automated production processes)

Prefabricated House Industry

SECTOR

FASTENER TYPE	DIAMETER & LENGTH	CAPACITY
BeA Group coiled screws	diameter 3,5 – 5 mm/1/8" – 3/16"	up to 1,400 screws
	length 25 – 80 mm/1" – 3 1/4"	



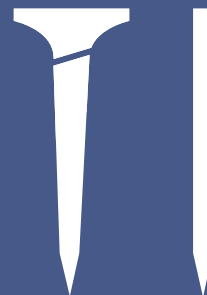
FASTENERS – TESTED QUALITY FOR BEST RESULTS.

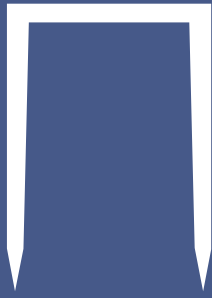
Perfectly coordinated.
Versatile. Reliable.



NAILS, PINS AND BRADS

Our fasteners are made for durable connections on the construction site and on the factory floor, robust and resilient. From timber frame construction to pallet production: With different types and lengths, we offer the right solution for every application.





STAPLES

Our industrial staples, manufactured to the highest quality standards, guarantee maximum holding power. Whether in furniture manufacturing, packaging industry or the prefab industry: rely on reliable connection technology for professional use. Perfectly matched to our tools, for efficient work without compromise.




SCREWS

Our screws stand for the highest quality for every project. You can rely on precisely manufactured threads and robust materials that hold reliably even under load.



FEATURES

SERIES 		TOP LOADER	SIDE LOADER	LONG MAGAZINE	PIN/BRAD NAILER	TOP LOADER	SIDE LOADER	CASSETTE TOOL	LONG MAGAZINE	PIN/BRAD NAILER
SUPERVISORY MODULES	FEATURES	A30	A32	A35	A38	A40	A42	244	A45	A48
	Magazine Control	✓	✓	✓		✓	✓	✓	✓	
	Feed Control	✓	✓			✓	✓	✓		
	Shot Control	✓	✓	✓	✓	✓	✓		✓	✓
	Continuous Feed	✓	✓			✓	✓	✓		
	Central Plug	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Contact Actuation	✓	✓	✓	✓	✓	✓		✓	✓
	Actuation Signal pneumatic	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Actuation Signal electric	✓	✓	✓	✓	✓	✓	✓	✓	✓
FASTENERS	Threaded Cap 2 x M8	✓	✓	✓	✓					
	M16 Bolt					✓	✓	✓	✓	✓
	Threaded Cap M18 x 1,5	✓	✓	✓	✓					
	Mounting Bracket	✓	✓	✓	✓					
ACCESSORIES	Gliding Shoe	✓	✓	✓		✓	✓		✓	
	Rollers side to side WZT1	✓	✓	✓		✓	✓		✓	
	Rollers side to side WZT 2	✓	✓	✓		✓	✓		✓	
	Roller front to back	✓	✓	✓		✓	✓		✓	
NOSE-LENGTH	25 mm/1"	✓	✓	✓	✓	✓	✓		✓	✓
	30 mm/1 3/16"							✓		
	50 mm/2"	✓	✓	✓						
	60 mm/2 3/8"							✓		
	75 mm/3"	✓	✓	✓		✓	✓		✓	
	100 mm/4"	✓	✓	✓						

TOP LOADER	SIDE LOADER	CASSETTE TOOL	LONG MAGAZINE	COIL NAILER	STRIP NAILER		TOP LOADER	SIDE LOADER	CASSETTE TOOL	LONG MAGAZINE	COIL NAILER	
260	262	264	265	268 BDC	270 D34	270 R20	280	282	284	285	288 BDC	288 K Coil
✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
✓	✓	✓					✓	✓	✓			
✓	✓		✓	✓			✓	✓		✓	✓	✓
✓	✓	✓					✓	✓	✓			
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓		✓		✓	✓	✓	✓		✓		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
✓	✓	✓	✓				✓	✓	✓	✓		
✓	✓		✓									

ALWAYS THERE. ALWAYS NEAR. YOUR DIRECT LINE TO US.

Whether you need advice or technical support –
our team is there for you. Fast. Personally. Competent.



Germany

CUSTOMER SERVICE

autotec@bea-group.com

+49 4102 78200



Germany

TECHNICAL CUSTOMER SERVICE

service@bea-group.com

+49 4102 78446



www.bea-group.com/en



shop.bea-group.com/shop/en

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Our global network provides you with service
and advice wherever you need us.





HEADQUARTERS GERMANY | BeA GmbH | Bogenstr. 43 – 45 | 22926 Ahrensburg | Germany | www.bea-group.com/en