

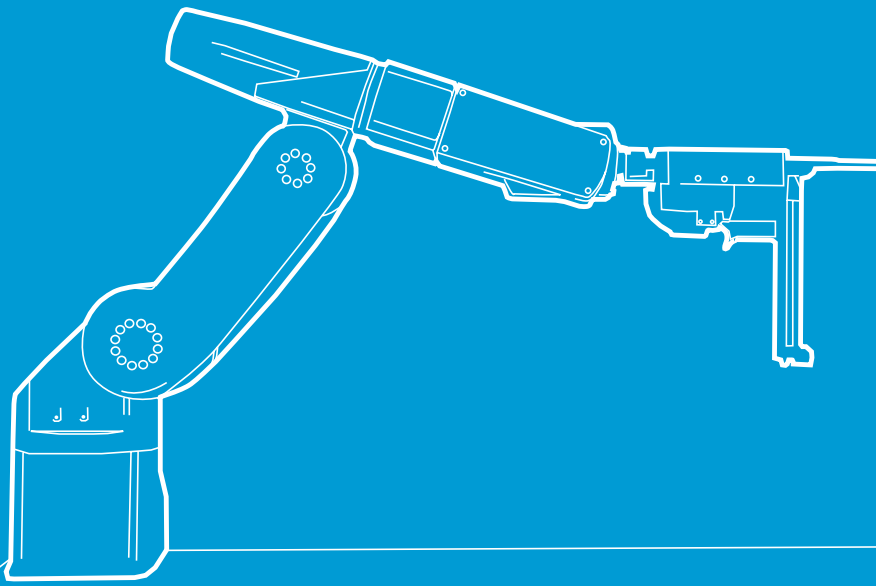
THE POWER OF FASTENING



BeA Professional Tools and Fastening Systems

BeA Autotec

Automation Technology



BeA Autotec Efficiency in Automation

Process reliability in industrial production systems

Integrated fastening solutions from the market leader

Ensuring process reliability is essential in industrial manufacturing. At BeA we are aware of our responsibility to develop and build products that are easy to deploy in industrial manufacturing environments and are durable and reliable in multi shift operations.

In automation technology, we are Number 1 in the world with BeA Autotec and brought pioneering innovations into the market over recent years. Our automation know how is part of our corporate DNA.

BeA Autotec has stood for customer specific solutions with a high degree of automation in the manufacturing process for more than 40 years. Regardless of whether the fastening is carried out as a separate process, integrated in the manufacturing process or robotically controlled.

The latest BeA automation technology innovations

- BeA Autotec unit 244 with exchangeable cassette and BeA Autotec unit 288 for jumbo coils up to 2500 nails
- BeA Autotec screwdriver for large coils up to 700 screws
- BeA Autotec "Pusher" device that allows extremely precise setting of the nail depth

Your strong partner: The BeA Group

- Own development of tools and fasteners
- Production in Germany and Europe
- 11 subsidiaries
- 3 branches
- Distribution partners in more than 40 countries
- 20.000 customers worldwide
- Highest service and expert advice
- Quick and reliable delivery
- Market and quality leader in Europe
- More than 100 years experience in fastening technology

Get in touch with our experts

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The BeA Autotec Systematics

Tool selection depends on

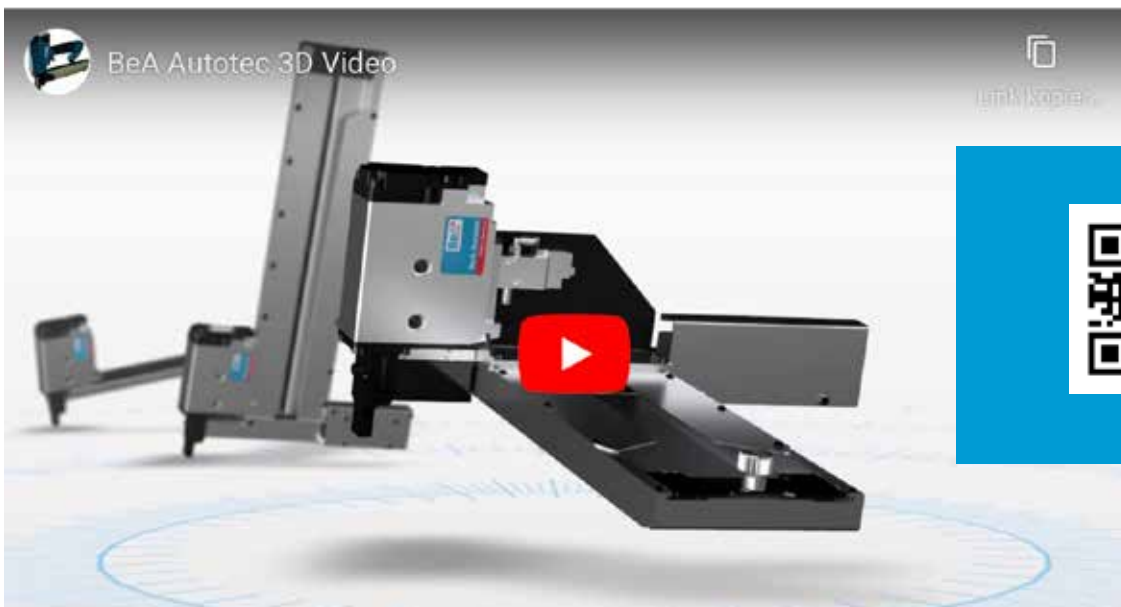
- Type and available space within the entire system
- Type of magazine required
- Stapling direction
- Available space for reloading

Nose lengths selection depends on

- Design and character of the workpiece

The BeA Autotec magazine types

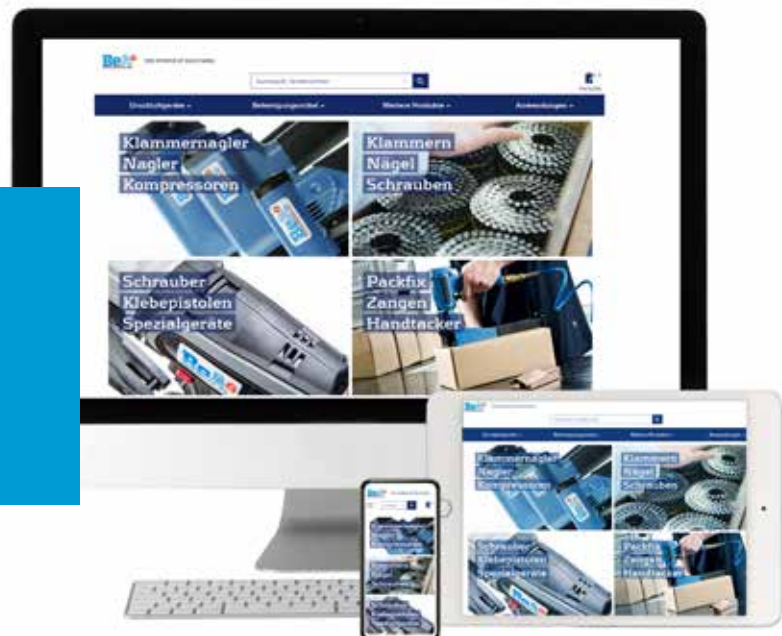
- Change-over cassette
- Top loader
- Side loader
- Long magazine
- Self-reloading system






Watch it on
BeA YouTube



Please visit
our homepage
www.bea-group.uk






BeA Autotec – The perfect fastening solution for your manufacturing environment

	Description	Fastener	Product strength
	<p>BeA Autotec Change-over cassette</p> <p>Applications: Prefab house manufacturing</p>	<p>BeA Staples Type: 16, 92, 155, 180 Length: 25 - 80 mm Capacity: up to 2,300</p>	<ul style="list-style-type: none"> ● Compact design ● High speed reloading ● Long operating life ● Frequency up to 10 staples per second ● Electronic placement and magazine control
	<p>BeA Autotec Top loader</p> <p>Applications: Automotive, furniture, packaging, pallets</p>	<p>BeA Staples Type: universal Length: 4 - 65 mm Capacity: up to 10,000</p>	<ul style="list-style-type: none"> ● High magazine capacity ● Minimal reloading time ● Electronic placement and magazine control ● Frequency up to 6 staples per second ● Multiple mounting options facilitate installation
	<p>BeA Autotec Side loader</p> <p>Applications: Automotive, furniture, packaging, pallets</p>	<p>BeA Staples Type: universal Length: 4 - 110 mm Capacity: up to 5,000</p>	<ul style="list-style-type: none"> ● High magazine capacity ● Automatic reloading – avoid time intensive manual reloading ● Electronic placement and magazine control ● Frequency up to 6 staples per second ● Multiple mounting options facilitate installation

- Decrease of manufacturing costs
- Higher quality level
- High flexibility
- Increased productivity
- Reduced change-over times
- Low maintenance

BeA Autotec – The perfect fastening solution for your manufacturing environment

	Description BeA Autotec Change-over cassette Applications: Prefab house manufacturing	Fastener BeA Staples Type: 246 (Wide crown) Length: 75 - 160 mm Capacity: up to 500	Product strength <ul style="list-style-type: none"> ● Insulation and ETICS installation up to 130 mm ● Enhanced productivity and quality ● Up to 2 staples per second ● Minimized change over and reload times
	BeA Autotec Cassette Applications: Prefab house manufacturing	BeA Staples Type: 346 (Wide crown) Length: 200 mm Capacity: up to 600	<ul style="list-style-type: none"> ● Insulation and ETICS installation up to 160 mm ● Enhanced productivity and quality ● Up to 2 staples per second ● Minimized change over and reload times
	BeA Autotec Long magazine Applications: Automotive, furniture, packaging, pallets	BeA Staples Type: universal Length: 4 - 200 mm Capacity: up to 500	<ul style="list-style-type: none"> ● Placement and stapling possible in any position and orientation ● Various lengths can be loaded without further adjustments ● Electronic placement and magazine control ● High speed fastening - frequency up to 6 staples per second ● Multiple mounting options facilitate installation

Numerous applications – Optimal solutions – One supplier

- Innovative Autotec tools
- High quality standards
- Custom made solutions
- Project implementation directly at the customer's site together with the plant manufacturer
- Service and maintaining on site

BeA Autotec – The perfect fastening solution for your manufacturing environment

	Description	Fastener	Product strength
	<p>BeA Autotec Coil nailer</p> <p>Applications: Prefab house manufacturing, furniture frames, packaging, pallets</p>	<p>BeA Nails Type: BDC, TC Length: 30 - 130 mm Capacity: up to 900</p>	<ul style="list-style-type: none"> ● High magazine capacity (Jumbo coils) ● Electronic placement and magazine control ● Accurate nail placement ● Frequency up to 4 nails per second
	<p>BeA Autotec Strip nailer</p> <p>Applications: Prefab house manufacturing, automotive, windows and doors, packaging, pallets</p>	<p>BeA Pins, Brad, Nails Type: S, SK, D-head, R20 Length: 12 - 100 mm Capacity: up to 400</p>	<ul style="list-style-type: none"> ● Enhanced productivity and quality ● Frequency up to 6 pins/brads per second ● Frequency up to 4 nails per second ● Minimized change over and reload times
	<p>BeA Autotec Pusher</p> <p>Applications: Exposed form work, cladding, Prefab house manufacturing</p>	<p>BeA Nails Type: TCIN 0° Length: 35 - 50 mm Capacity: up to 1,000</p> <p>Also available for corrugated nail type W12 and K-Coil</p>	<ul style="list-style-type: none"> ● Elevation adjustment up to 30 mm ● Preset penetration depth +/- 2 mm, adjustable in 0.25 mm steps ● Fast pushing technology >2 nails/sec ● Jumbo coil magazine ● Nail guide ensures 90° nail position while pushing
	<p>BeA Autotec Screwdriver</p> <p>Applications: Exposed form work, cladding, Prefab house manufacturing</p>	<p>BeA Screws Type: Coil screws universal Length: 40 - 80 mm Capacity: up to 700</p> <p>For screws from the BeA and KMR range</p>	<ul style="list-style-type: none"> ● Preset penetration depth +/- 2 mm, adjustable in 0.25 mm steps ● Jumbo coil magazine ● Optimal screw alignment ● Screw guide ensures 90° nail position while pushing



BeA Autotec

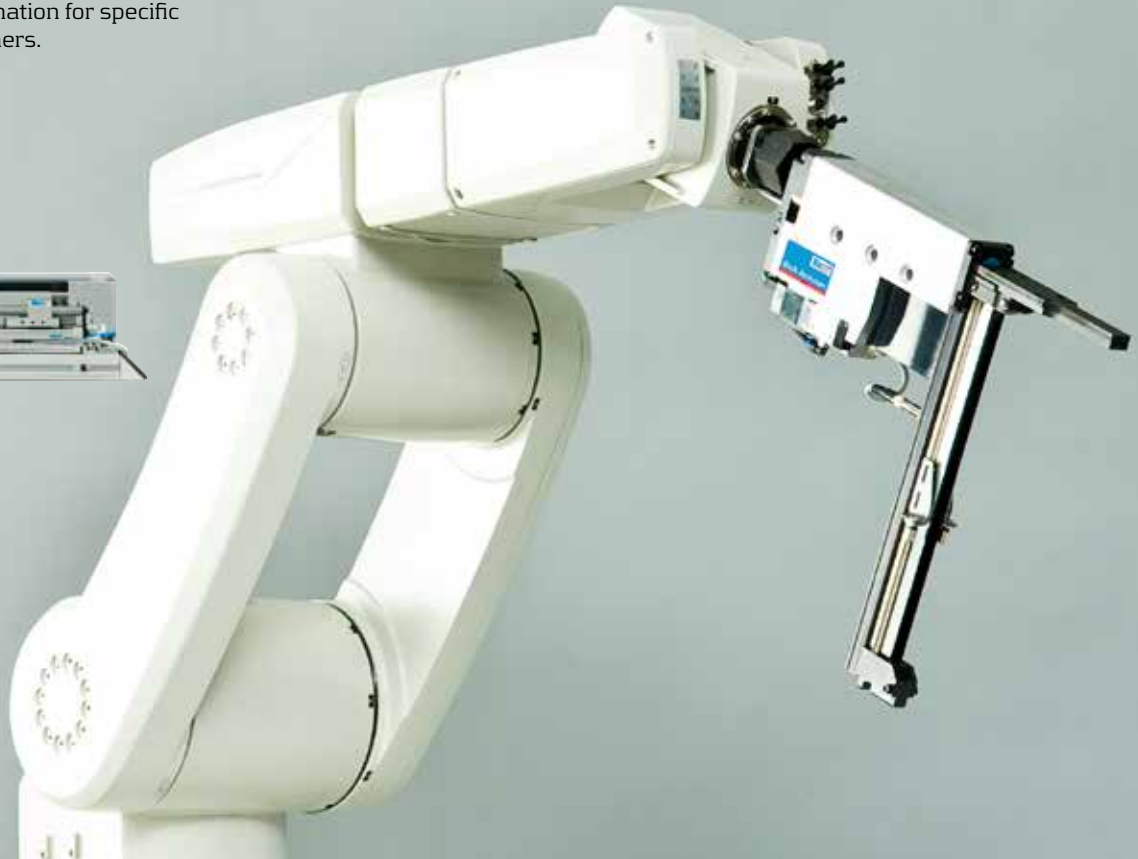
Made in Germany

BeA robot

reloading system

Magazine capacity up to
30,000 fasteners in lengths
ranging from 6 - 65 mm

Please request additional
information for specific
fasteners.



BeA Automated Fastening Systems – reaching beyond standard solutions

BeA robot nailer with reloading station

For staples and pins

Incorporates fully automated production processes by being mounted on either multi axis robots or X/Y/Z linear units

- Small dimensions and low weight accommodate easy handling and high process speeds. The automatic reloading feature minimizes the tool's weight by carrying only the necessary amount of fasteners per cycle
- Placement and stapling possible in any position and orientation
- Very high capacity of the stationary reloading unit (up to 30,000)

Applications:

Furniture industry, automotive, moulds for sand casting, specialty crate manufacturing



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