

Automation in motion

Smart fastening solutions for next-generation architectures

MADE FOR REAL [⊕]



Fast & Reliable Automatic Bundling Processes

Driving Innovation and Performance with Tailored Automation Solutions

As a collaborative partner to OEMs and first tier suppliers, HellermannTyton's short-term role is to facilitate the development of cost-effective bundling and fixing parts in a given architecture.

At HellermannTyton, we push the boundaries of innovation to deliver cutting-edge solutions that redefine efficiency and sustainability.

Our expertise spans:

Automation – Smart, future-ready systems that optimize workflows and boost productivity.

Products – High-performance tools engineered for precision, reliability, and ease of use.

Maintenance – Proactive service solutions to ensure maximum uptime and efficiency.

Sustainability – Innovative eco-friendly approaches that reduce waste and energy consumption.

Partnerships – Collaborating with industry leaders to shape the future of tool technology.

Ready to innovate? Contact us today!
toolsystems@HellermannTyton.com



Advanced technology with enhanced features for extended performance

Why choose us?

Technical expertise

Manufacturing and material expertise combined with design excellence.

From product design and development to in-house mould engineering, testing and manufacturing with thermoplastics to quality assurance. We deliver end-to-end processes that ensure top quality products.

Engineering to help your progress/ Development expertise

At HellermannTyton, our R&D, prototyping and automation teams develop solutions for complex line configurations and project challenges. With state-of-the-art platforms (CATIA V5, Siemens NX, Creo), we accelerate your development cycles and optimise designs through in-house tool trials and mould development.

We specialize in:

Tool Development – Designing and optimizing high quality tools for precision and durability.

Technology Integration – Seamlessly incorporating the latest advancements into our processes.

Automation Equipment – Developing automated solutions to streamline production and increase efficiency.

Prototyping – Creating high-quality prototypes to bring ideas to life and ensure flawless execution

With expertise and passion, we shape the future of cable management.

The forward-looking technology makes the difference

HellermannTyton's **automatic cable tie systems** combine **speed, reliability, and intelligence**. They **integrate seamlessly into automated production lines** and provide comprehensive **data monitoring for each tensioning cycle**.

Selected models operate **cordless and waste-free**, combining flexibility with sustainability.

From the first concept to system commissioning, we provide **tailored guidance** and **leadership for your automation journey**. Our **experts** deliver **onsite support** to ensure smooth operation and seamless incorporation of external components into your automation environment.

Ready to automate your assemblies? Partner with HellermannTyton to scale efficiency, quality, and performance across your production.

OUR AUTOTOOLS ARE

Made for Zonal Architecture

Zonal architectures redefine the electrical layout of modern vehicles.

HellermannTyton's **AutoTool Systems** enable **precise, repeatable bundling** within compact module zones — improving **reliability** and **simplifying assembly**.

With **consistent tension control** and **monitored application data**, each process is traceable and compliant with OEM quality standards.

Key benefits:

- Modular scalability
- Robotic integration
- Reduced complexity
- Monitored tension data

Made for Fluid Routing Management

Fluid lines and hoses in vehicles are exposed to thermal, chemical, and mechanical stress.

HellermannTyton's **AutoTool Systems** offer **secure, lightweight and efficient fastening solutions** for these **environments**.

The **monitored tension process** guarantees **safety against overtightening** and ensures **consistent positioning in automated or manual setups**.

Technical Highlights:

- Up to 70% faster assembly
- Cordless operation
- Force & PPM data tracking
- Reduced operator strain





Fast & Reliable Automatic Bundling Processes
**Driving Innovation and
Performance with Tailored
Automation Solutions**



Technical Leadership in
Cable Management Automation

Partner with
HellermannTyton –
Automate precision.
Advance performance.

Made for High Voltage Electric Architecture

High-voltage cable systems require precision, insulation safety, and process traceability.

HellermannTyton's **AutoTool Systems** deliver **consistent tension** and **clean tie application in EV and hybrid assembly lines.**

Each fastening cycle can be **monitored and documented** for **compliance and safety audits.**

Engineering Advantages:

- Controlled tension for insulation safety
- Traceable process verification
- Integration into robotic cells
- Compliance with IEC and ISO standards

Made for Harness Automation

Harness manufacturing demands speed, consistency, and process control.

HellermannTyton's **AutoTool Systems** provide **automated tensioning** and **monitoring** for **reliable, high-quality bundling.**

The systems integrate into **both semi- and fully automated harness production environments.**

Production Performance:

- Up to 70% faster assembly
- Repeatable quality
- Plug-and-play integration
- Scalable for multiple lines





Autotool ATS flex

Electromechanical autotool for high-quality, waste-free bundling up to a maximum Ø of 100 mm.



WASTE-FREE.

Separate tie & head feed means that **only the amount of material required for the bundle diameter is used – waste-free bundling** of cables and packaging.



PROCESS-OPTIMIZED.

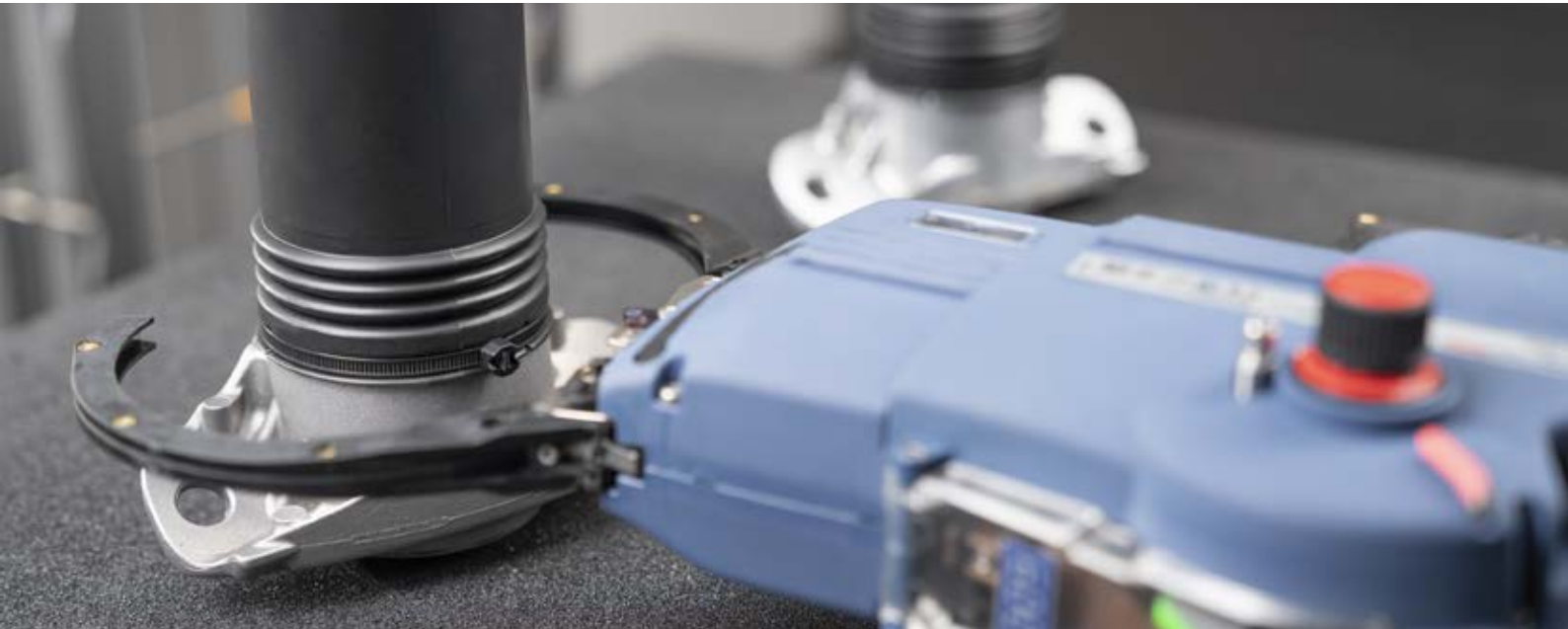
Three quick-change jaw sizes – 30, 50 and 80 mm included – for a wide range of requirements in customer processes up to 100 mm (available separately).



FULLY AUTOMATED.

Stationary & flexible use with **table or suspension device**. **Integration into fully automated production systems possible.**

The ATS flex can also attach the ATS foot parts!



! The future is now – Find your waste-free tying process: ATS flex.

+ Fast & reliable automatic bundling process

- Automatic jaw calibration: correct jaws size and speed are set out automatically during commissioning - better process quality thanks to the optimised bundling process – patented!
- Fully automatically tying process: looping, threading, tensioning and cutting off at the touch of a button with consistent quality
- Integrated jaw closure detection: Closure of cable ties checked by pliers locking by means of a sensor
- Ties up to a diameter of 100 mm possible: three quick-change jaw sizes in diameters 30 mm, 50 mm, 80 mm included, additional jaw size available in 100 mm - Ideally suited for large-scale production

+ Waste-free bundling

- Our waste-free and fully automatic bundling system - special closures to fully secure the strap around the bundle with no waste. ATS flex - the most sustainable cable tie system from HellermannTyton

+ Communication via interface

- Our new electronic is based on the common industry standard - very easy to integrate into your automated process



+ New corporate product design

- The ATS flex becomes part of the HT family

+ Combination of two colours possible for sealing closure & tie

- Various colours available from stock. We look forward to receive your inquiry.

+ Improved feature



Autotool CPK hybrid

Fully electric autotool for processing T18 cable ties at the highest level.

Unique: Speed, safety, repeat accuracy, evaluability and automation.



FAST.

The **cycle time is 0.65–1.0 seconds**, depending on the quality and force setting, making it currently the fastest tool on the market.



FLEXIBLE.

It can be **operated** both with a **power pack** and with a **rechargeable battery**, so it can be used anywhere.

HellermannTyton is part of the Cordless Alliance System (CAS).



GAPLESS.

HT Data Management: For comprehensive **data evaluation** and **monitoring of the tying process**.

Ensures **complete documentation** of every tying process by the tool.



■ The CPK hybrid offers full flexibility for automated cable tying



Operated by power supply.



Operated by battery with cable ties on a reel from overhead suspension.



Operated by battery with cable tie bandolier.

Fully flexible, fast and reliable cable tying

- The CPK hybrid offers great flexibility and portability. When working on several projects, or in tight spaces, the new battery option allows you to move about freely
- 18V battery operation is a clear advantage for anyone who needs to automatically fasten cable ties at different locations
- You can also use the CPK hybrid as a corded tool with the power pack plugged into mains power
- Batteries have a quick charging time and more than 8,000 bindings can be applied with a fully charged battery

Automated high quality cable tie application

- Process-reliable, consistent and reproducible bundling and cutting up to Ø 20 mm
- HT Data Management CPK software (included)
- For extensive data evaluation and monitoring of the tensioning process
- Export function for manufacturing data as well as further service functions
- Consistent documentation for every binding process

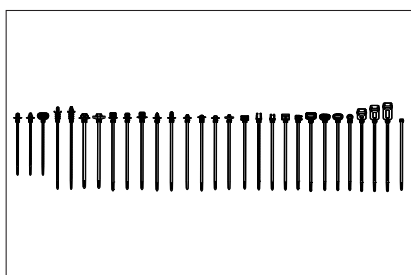




Autotool FTS pro

One Tool. Countless solutions.

Electrically operated bundling system for high quality bundling and flush cutting of one-piece fixing ties.



FIXING TIES.

T30SOS (max. Ø25mm) and **T50SOS** (max. Ø35mm) can be processed.

A large selection of **different designs** is available. Regardless of the shape of the foot parts.



FEEDING OPTIONS.

Multiple Feeding Options:

- Direct integration with robots (pick and place)
- Magazine-fed operation
- Pneumatic feeding system



EVERYTHING INDIVIDUAL.

Customized solutions:

Individual selection options depending on customer requirements.

Equipment of the feeder:

- Magazine bar / rigid or
- Magazine chain / flexible



FTS pro: Precision, Automation, and Efficiency in one Tool



Smart Automation & Data Logging

- The FTS is capable of storing and providing all automation process data.
- Was the tie applied?
- When was it set?
- Under what conditions?

The FTS pro has the answers to all these questions.

Seeing is believing.
Contact us to book a live onsite demo!
toolsystems@HellermannTyton.com



Our Autotool at a glance:



Autotool CPK hybrid.
Electronic Autotool for T18RA bandoleer cable ties.
Electronic. Accuracy. HYBRID.



Autotool ATS flex.
Mechanical Autotool for T50RA cable ties (head and strap).
WASTE-FREE. Process-reliable. Flexible.



Autotool FTS pro.
Electronic Autotool for different one-piece fixing ties T30SOS and T50SOS

SYSTEM	CPK hybrid	ATS flex	FTS pro
Operation	Electrical: power supply / Battery	Electrical power supply	Electrical power supply
Cycle time	0,65 – 1 sec	1,1 – 2,4 sec	Application of loaded tie: 2.2s -3.5s depending on quality setting Application and reloading tie: 4.0-5-3s depending on quality setting
Bundle diameter	From 0,7 mm to 20 mm	From 1 mm to 100 mm	From 1 mm to 30 mm (hard, round bundles may differ)
Tensile strength	80 N	max. 250 N	max. 225 N
Strap width	2,5 mm	4,5 mm	3,7 mm to 5,5 mm
Tie material	PA66HS, PA66HSW, PA66V0, PA46	PA66HIRHSUV, PA66HSUV	PA46, PA66, PP
Robotic application	Yes	Yes	Yes
Tension control	Digital	Mechanical	Digital

Driving Growth and Innovation with Expert Sales & Product Management Solutions

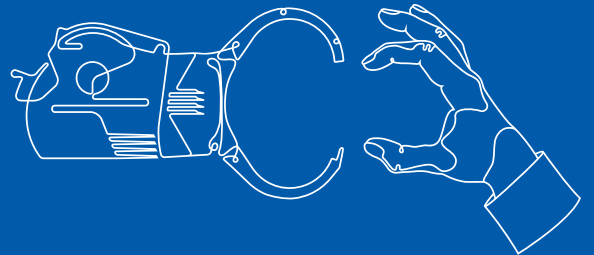
At the forefront of every project, we connect customer needs with cutting-edge solutions, delivering excellence through our comprehensive services:

Customer Interface – Your trusted partner in all project phases, ensuring clear communication and strong relationships.

Project Management – Seamless integration of existing products with dedicated support from our Automation team.

Technical Support for our Tools – Reliable assistance to ensure optimal performance and customer satisfaction.

Partner with Us to Power Your Sales and Product Strategies.



Let's Drive Success Together!
Get in Touch Today!

www.HellermannTyton.com/automation



MADE FOR REAL[®]



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Let's shape your automation journey together

Whether you're upgrading a single station or scaling across production lines, our AutoTool systems help you bundle smarter, faster and more sustainably. We're here to support your goals—from first concept to full integration.

Contact us today
Let's talk about your automation needs and how we can help.