



Autotool 2000

Automatic tying system for
a variety of applications

HellermannTyton

Autotool 2000

Autotool 2000 is an electrically operated automatic cable tying system which has been design to speed up the binding process. Consistency and quality in the process of bundling, threading and cutting is achieved at the touch of a button.

Features and Benefits

The HellermannTyton Autotool 2000 is very easy to use. The tool has a binding speed of 0,8 seconds per cycle. The tool handles both bands of 50 or reels of 3500 cable ties. The ties can bundle up to a diameter of 20 mm. Once fitted, the tie will have a flush cut off. The adjustable binding force and the electronic fault diagnosis system ensures that optimum results are achieved.

Application

The reliability, ergonomics, simple handling and flexibility makes the HellermannTyton Autotool 2000 ideal for the diverse applications where high quantity is required, e.g. in cable assemblies for automotive, electronics, TV and domestics appliances, packaging of bags and the bundling of parts together. The system suits both the high volume use of ties or where flexible production practices are necessary. Overall the Autotool 2000 gives full, flexible and cost effective utilization of labour and maximises efficiency.



Bench mount kit, bandoleer reel, Autotool 2000 and power pack.

Technical Table

Article-No.	Description
120-00000	Autotool 2000
120-00010	Power Pack
120-00020	Battery Charger
120-00030	Battery Pack
120-00040	Bench Mount Kit
120-00050	Overhead Suspender
120-00060	Control Box
120-00080	HH20



Packaging application with the bench mount kit.

Autotool 2000

Application Method

With the bench mount kit or the overhead dispenser the Autotool 2000 can be used stationary or mobile, depending on the customer's application.

Another opportunity is the integration of AT2000 into a fully automated production line. To do this you would need the control box, which is the interface between AT2000 and your production line.



Overhead suspender, reel with ties and Autotool 2000.

Material Data	
Power Supply	Electrical, with Power Pack or Battery Pack
Cycle Time	0.8 s
Weight (kg)	1.2
Application	Stationary, mobile or included in a fully automated production line
Tension Force	Continuously adjustable

Material Data	
Power Supply unit	Electrical: - 230/115 VAC Mains Output: - 25 VDC max. 30 W
Battery charger	Standard charger without memory effect
Battery Pack	Battery Capacity: 2500 bindings per charge (1 hour charge)
Bench mount kit	Bench mounting kit with foot pedal operation
Overhead Suspender	Overhead suspension unit with spring balance
Harness board accessory HH20	Bundle Ø max. 20 mm, standoffs are used as spacer for an optimal bundling, Bundle height 45-25 mm

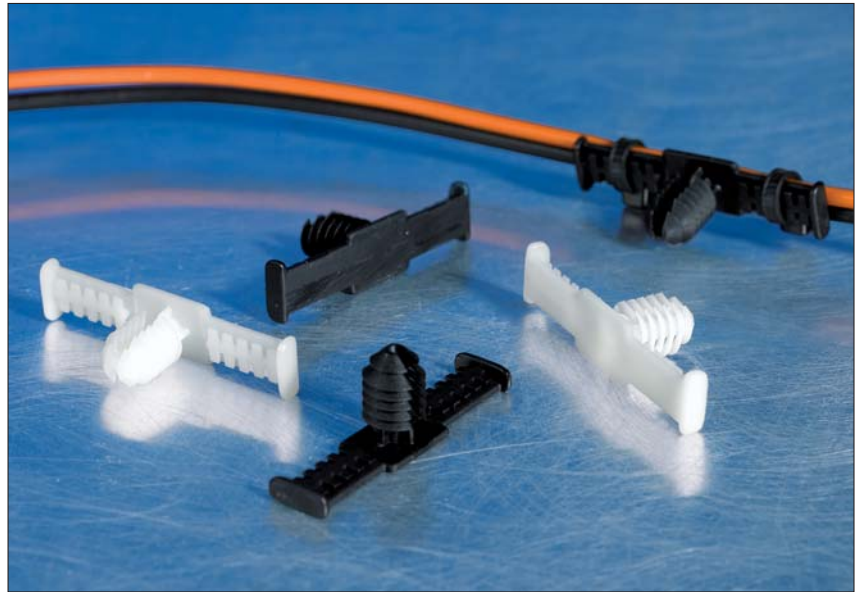
Autotool 2000 Innovations

On Automotive harnesses many "tape clips" are used for harness mount points. These are mostly manually installed with tape. HellermannTyton have now created a new and much faster solution to install the now called "bundling clips". With a cable tie on each side of the clip you can fix it easily. The small ridges below the clip avoid under-taping on small harness diameters and also prevent sideways movement.

Because of new requirements from the cabling market to protect sensitive wiring or pipes etc., outside-serrated ties for AT2000 will be available in the future.

Changes on the tool can easily be made and kept to a minimum, to allow use of the outside-serrated ties instead of the standard inside serrated ties.

With outside-serrated ties you greatly reduce the possibility of damaging sensitive applications by the tie.



Bundling Clip ATS BC FT6LG.



Harness board accessory HH20.



Inside and outside serrated ties for AT2000.

Material Data



Material	Polyamide 4.6 (PA46)
Colour	Natural (NA)
Quantity	Bandoleer with 3500 cable ties
Operating Temperature	-40 °C to +150 °C continuous, (+195 °C for 500 h)
Flammability	UL94 V2, Limited Fire Hazard, low generation of toxic gases and corrosive acid, low smoke generation



(Limited Fire Hazard)

Material Data



Material	Polyamide 6.6 heatstabilised (PA66HS)
Colour	Natural (NA)
Quantity	Bandoleer with 50 cable ties Bandoleer with 3500 cable ties
Operating Temperature	-40 °C to +105 °C continuous, (+145 °C for 500 h)
Flammability	UL94 V2



(halogenfree)

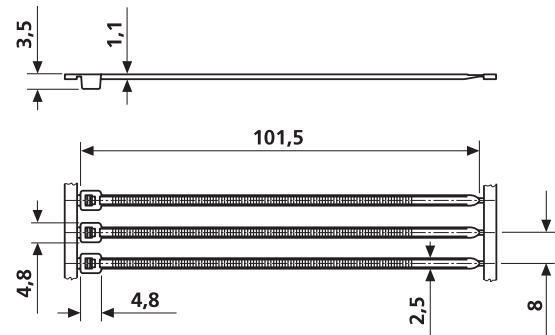
Material Data



Material	Polyamide 6.6 heat and UV stabilised (PA66HSUV)
Colour	Black (BK)
Quantity	Bandoleer with 50 cable ties Bandoleer with 3500 cable ties
Operating Temperature	-40 °C to +105 °C continuous, (+145 °C for 500 h)
Flammability	UL94 V2



(halogenfree)



Bandoleer T18RA.

Technical Table

Article-No.	Type	Length (L)	Width (W)	Bundle Ø max.	Min. Tensile Strength (N)	Colour	Material
120-04019	T18RA50	100	2.5	20	80	Natural (NA)	PA66HS
120-50009	T18RA3500	100	2.5	20	80	Natural (NA)	PA66HS
120-04010	T18RA50	100	2.5	20	80	Black (BK)	PA66HSUV
120-50010	T18RA3500	100	2.5	20	80	Black (BK)	PA66HSUV
120-46009	T18RA3500	100	2.5	20	80	Natural (NA)	PA46

All dimensions in mm. Subject to technical changes.

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