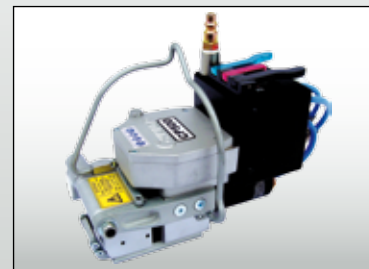


Cyklop Plastic Strapping Hand Tools

A first-class solution for every application.



CYKLOP
INTERNATIONAL

THE
STRAPPING
COMPANY



Cyklop Hand Tool Programme

The right tool for every application.

Modern, high-tech plastic straps are the first choice for safe strapping of loads: far more elastic than steel straps, easier on the packaged goods, with no danger of injuries for the operator and, on top of all that, more economical.

If you are sure you do not need a stationary, fully-automatic strapping plant in your company, the plastic strapping hand tools from Cyklop are the ideal solution for all your strapping requirements. Cyklop offers you a programme with an appropriate and inexpensive solution for all operating requirements.



Cyklop Hand Tools

Tool	Drive	Tensioning force
CLT 100	Battery	up to 1,000 N*
CMT 50	Battery	up to 2,300 N*
CMT 250	Battery	up to 2,500 N*
CHT 400	Battery	up to 4,000 N*
CP 500	Pneumatic	up to 5,000 N*
CE 92	Electric	up to 2,000 N*

What you should consider.

Every company has different requirements which must be taken into consideration when choosing the right hand tool:

Strapping volume

➤ Anyone who only straps a few or light packages daily can decide on an inexpensive manual hand-lever or battery-powered tool, such as the Cyklop CMT 50.

➤ Anyone who has lots of strapping to do is well-advised to use a tool that operates fully-automatically, always precisely producing the set tensioning force and combining easy operation with outstanding work productivity.

Type of strapping

➤ If strapping is done at a "fixed" location within a company, all types of drive are suitable for operating the tool (battery-powered, pneumatic, electric, manual).

➤ If strapping is done at various locations or if work is done outdoors, the best solution is probably one that operates independent of mains electricity (battery, manual).

Tensioning force

➤ No doubt you know from experience what tensioning force you need when strapping your loads; if not, we would be delighted to advise you.

www.cyklop.com

* Depending on the quality of the strap and package



Cyklop CLT 100

Plenty of comfort for universal applications.

For the majority of strapping operations a tensioning force of up to 1,000 N is quite sufficient. In this segment the battery-powered CLT 100 with its operating advantages can hardly be beaten and is particularly suitable in those cases where there is no "specialist" employed for the strapping of loads. The tool is very convenient – it even makes single-handed operation possible – and can process various strap widths and thicknesses. The high-quality friction seal and the fully-automatic sealing mode guarantee rational and professional strapping, which can be achieved perfectly even without specialists.



Technical data Cyklop CLT 100

Weight:	4.6 kg (incl. battery)	
Dimensions (LxWxH):	397 x 145 x 145 mm	
Tensioning force:	Up to 1,000 N*	
Type of seal:	Friction sealing	
Method of insertion:	Strap on strap	

Straps

Types of strap:	Polyester (PET) and Polypropylene (PP)	
Strap dimensions:	Strap width	Strap thickness
➤ PET	9, 12 mm	0.4 – 0.9 mm
➤ PP	9, 12, 16 mm	0.5 – 1.0 mm

Battery technical data

NiMH battery:	14.4 V, 3.0 Ah
Sealing cycles:	Approx. 180*

Battery charger technical data

Quick charge, microprocessor-controlled, reverse battery protection	
Charging current:	5 A, 105 W
National versions:	220 - 240 V
	100 - 115 V
Charging time:	max. 75 min.

Options

Steel plate as protection of the base area against wear
Special batteries for temperatures < +5°
Universal hanging bow for stationary strapping

Cyklop CMT 50

Semi-automatic strapping hand tool.

The battery-driven Cyklop CMT 50 tensions manually and seals automatically. It is ideal for normal and medium heavy packages with a tension force of 2,300 N. Due to friction sealing technology, simple operation and robust construction it is the optimal model to start sealing without metal seals.



Technical data Cyklop CMT 50

Weight:	4.0 kg (incl. battery)	
Dimensions (LxWxH):	400 x 130 x 200 mm	
Tensioning force:	Up to 2,300 N*	
Type of seal:	Friction sealing	
Method of insertion:	with tension plate	

Straps

Types of strap:	Polyester (PET) and Polypropylene (PP)	
Strap dimensions:	Strap width	Strap thickness
➤ PET/PP	9, 12, 16, 19 mm	0.5 – 1.0 mm

Battery technical data

NiCd battery:	12 V, 1.5 Ah
Sealing cycles:	Approx. 200**

Battery charger technical data

Charging current:	230 V
Number of charges:	Up to 2,000
Charging time:	Approx. 60 min.

Options

Steel plate as protection of the base area against wear
Universal hanging bow for stationary strapping

* Depending on the quality of the strap and package

** Depending on the quality of the strap, strap tension and package



Cyklop CMT 250 / CHT 400

For medium-weight and heavy packages.

The Cyklop CMT 250 is ideal for strapping medium-weight loads due for transport and has a tension force of up to 2,500 N holding the package. Wherever heavy packages require a high tension force, the Cyklop CHT 400 is the optimal choice (up to 4,000 N). In combination with the flexible elasticity of Cyklop PET straps as opposed to steel strapping, a high holding power is guaranteed, which retained despite settling loads or shaking movements during transport. Unlimited mobility, single-handed operation as well as easy strap insertion are further advantages of this innovation.



Simple, fast and easy

- Simple to adjust to 3 operating methods depending on the type and size of the product
- Up to 4,000 N (CHT 400) and up to 2,500 N (CMT 250) tension force with PET strap*
- Soft mode up to 1,600 N (CHT 400) and up to 1,500 N (CMT 250) tension force with PP strap*

Environmentally-friendly and innovative

- The newest environmentally-friendly storage battery technology: Li-Ion battery without memory-effect. Higher Number of strapping cycles per battery charge*

Technical data	Cyklop CMT 250	Cyklop CHT 400
Weight:	3.9 kg (incl. battery)	4.2 kg (incl. battery)
Dimensions (LxBxH):	334 x 138 x 148 mm	334 x 138 x 148 mm
Tensioning force:	(0) 900 - 2,500 N	(0) 1,200 - 4,000 N
Soft:	(0) 400 - 1,500 N	(0) 400 - 1,600 N
	Friction weld seal	Friction weld seal
Insertion:	Strap on strap	Strap on strap

Straps

Types of strap:	Polyester (PET) and Polypropylene (PP)	
Strap width:	12 - 16 mm	16 - 19 mm
Strap thickness:	0.5 - 1.0 mm (1.12 mm)	0.8 - 1.3 mm

Battery technical data

Li-Ion-Battery (Bosch):	14.4 V / 2.6 Ah	18 V / 2.6 Ah
Charging time:	approx. 15 - 30 min***	approx. 15 - 30 min***
No. of cycles per battery:	400**	150 - 350**
Charger voltage:	100, 115, 230 V	100, 115, 230 V

Options

- Steel plate as protection of the base area against wear
- Universal hanging bow for stationary strapping
- Power supply unit with cable
- Protector cover set for touch panel

* Depending on the quality of the strap and package

** Depending on the quality of the strap, strap tension and package

*** Battery load after 20 min. approx. 70%



Cyklop CP 500

The small pneumatic tool with lots of POWER.

The pneumatic hand tool CP 500 can hardly be beaten and is ideal for companies that have to pack heavy goods and strap them on strapping stations ready for despatch. The unique construction allows a high tension force of up to 5,000 N* with continuously high retaining strength thus keeping the load secure until it reaches its destination.



Technical data Cyklop CP 500

Weight:	Approx. 5.6 kg
Dimensions (LxWxH):	300 x 155 x 200 mm
Tensioning force:	Up to 5,000 N*
Type of seal:	Friction sealing
Method of insertion:	Strap on strap
Tensioning speed:	7 m/min.

Straps

Types of strap:	Polyester (PET) and Polypropylene (PP)	
Strap dimensions:	Strap width	Strap thickness
➤ PET/PP	12, 16, 19, 25 mm	0.7 – 1.4 mm

Technical requirements

Air pressure:	6 bar (max. 7 bar)
Hose dia.:	3/8"

Options

Steel plate as protection of the base area against wear

Cyklop CE 92

Electric.

The CE 92 is a universal hand tool for mains operation and is suitable for strapping both flat and round packages. The strap seal is provided by means of a high-quality friction seal, the tensioning force is maximal 2,000 N.

After inserting the strap, the strapping process is automatically conducted right through to sealing by simply pressing a button.

Semi-automatic operation is also possible.



Technical data Cyklop CE 92

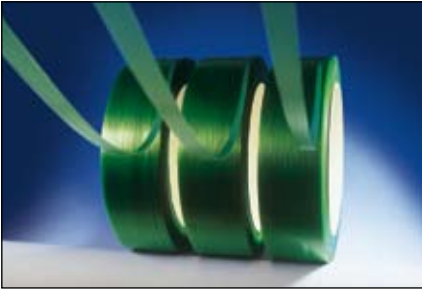
Weight:	Approx. 4.6 kg
Dimensions (LxWxH):	387 x 145 x 145 mm
Tensioning force:	Up to 2,000 N*
Type of seal:	Friction sealing
Method of insertion:	Each strap separately

Straps

Types of strap:	Polyester (PET) and Polypropylene (PP)	
Strap dimensions:	Strap width	Strap thickness
➤ PET	9, 12, 16 mm	0.5 – 1.12 mm
	19 mm on request	
➤ PP	9, 12, 16 mm	0.6 – 1.00 mm

* Depending on the quality of the strap and package.

PET/PP-Straps



- Cyklop PET straps are available in various coil sizes, strap widths and in the specifications Classic 450 N (breaking strength up to 8,500 N) and Premium 550 N (breaking strength up to 11,700 N).
- For PP strapping (not illustrated) Cyklop offers complete solutions in specifications based on requirements from 5.0 to 15.5 mm and various breaking strengths from 500 N to 4,000 N.

Supplementary Equipment Strap Dispenser

- The plastic strap can be very easily rolled off using the Cyklop strap dispenser
- The strapping cycle can be completed quickly and efficiently
- The dispenser is moveable and equipped with a large compartment for the strapping tool



Technical data		QPWK-C	QPWK-C2
Type of strap:		PET and PP	PET and PP
Strap widths:		9 - 19 mm	9 - 19 mm
Coil dimensions:	Inner dia.	400 mm	400 mm
	Outer dia. (max.)	600 mm	630 mm
	Width (max.)	100-150 mm	100-170 mm

Spring balancer

- Adjustable for tools with a weight of 3.5 up to 6.5 kg

Tool holder

- Arm length = 2,000 mm
- Stationary, arm pivotable 360°
- Mobile, carriage with 4 castors and hand grip

All strapping hand tools meet with the machine regulations 2006/42/EG

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