

ELECTRA™ STT ELECTRA™ STDC

First revolutionary battery solution
for tensioning and crimping steel tools for
lashing applications

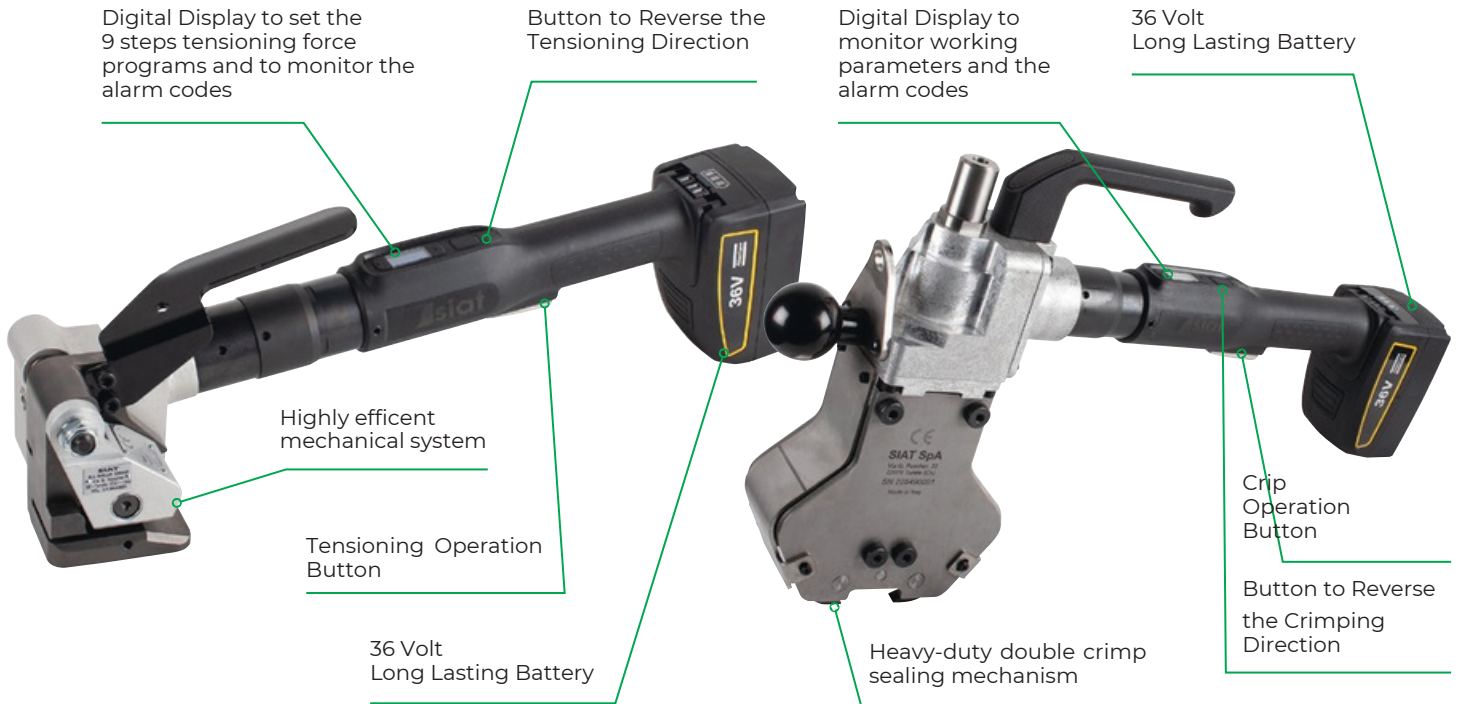


STEEL STRAPPING TOOLS

100%
MADE in ITALY

ELECTRA™ STT ELECTRA™ STDC

The SIAT ELECTRA™ battery tensioner and the double crimp battery sealer for steel strapping type EN 13247 are the **new SIAT strapping tools** that allow you to maximize the strapping results **for lifting**, anchoring and securing extremely heavy loads in complete safety, and without any need for compressed air!



Double Crimp Battery Sealer & Tensioner

SIAT revolutionizes the market of tools for heavy applications, with a Sealer and a Tensioner equipped with a 36 Volt, 2.1 Ah Lithium Battery. The only really portable tools of this kind in the market. No compressor, no pipes, just a battery that can be easily recharged even on board of the ship. This new invention brings to the maximum level the safety of the strapping for lifting, lashing, and securing the load.

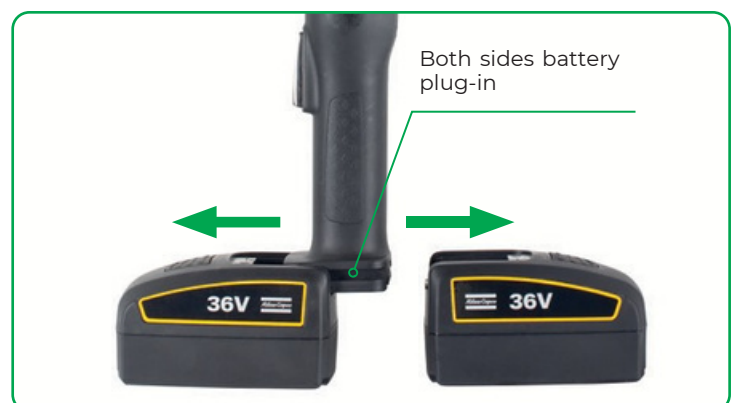
The electronic torque adjustment of the tensioner and the one push button operation of the sealer make their usage extremely simple.

Why did we choose Atlas Copco?

Atlas Copco is a leading and reliable supplier of SIAT tool components, providing flexible solutions with increased accessibility, ergonomics, and controllability.

With the Atlas Copco 36V battery, you can have variable speed triggering, a high-end brushless PM motor, and low vibration/noise levels. The controlled drive unit is visible to the operator and features a progressive trigger and an OLED display for settings with two function keys that allow adjustment in min. 10 steps (set to 10-100% of maximum torque) and battery status (BMI). The motor also has a reverse function and an automatic shutdown set to 10 min.

To conclude, Atlas Copco represents a well-established partner of SIAT that guarantees high-quality components made in Sweden.



FEATURES & BENEFITS



- » Double Crimp Sealing - The seal and the strap are deformed on the surface but NOT notched. In this way the full breaking load capacity of the strap is maintained
- » Lithium Battery - 36 Volt and 2.1 Ah, completely charged in about an hour
- » No Air Supply - ELECTRA tools do not require the compressor and the tiring maintenance operations that this entails (such as oil change)
- » Digital Control Display - with 9 steps tensioning force programs, the operator needs to set the tensioner only once, the selected parameter will remain in memory
- » Cycle Monitoring - It is possible to control the number of strapping cycles directly from the display
- » 200 cycles per charging - Both with the Sealer and the Tensioner
- » Battery Display - to monitor the charge of the battery
- » Faster than pneumatic tools - The maximum tensioning speed of the sealer is 2-3 times higher than the pneumatic one.
- » Ergonomic and Light - 5,5 Kg (12lb) for the tensioner and 9,3Kg (20.5lb) for the sealer
- » Atlas Copco High Quality Components
- » Patent Pending
- » One push button operation in clamping - The entire cycle of clamping and opening of the tool is done by pressing and holding the operational button. At the end of the cycle the tool will

	STT-Electra™ Tensioner	STT-Electra™ Sealer
Strapping Specification	Steel strapping type EN 13247	Steel strapping type EN 13247
Strapping Width mm (")	32 (1¼")	32 (1¼")
Strapping Thickness mm (")	0,80 ÷ 1,27 (0.02 ÷ 0.05)	0,79 ÷ 1,27 (0.03 ÷ 0.05)
Strapping Tension	Adjustable from 1000 to 12000 N	Double Crimp Sealing
Tension Speed mt/min (ft/min)	5,7 (18.7)	Open
Amount of cycles achievable (battery fully charged)	200	Amount of crimping achievable (battery fully charged) 200
Tool Dimension (L x H x W) mm (")	450x134x159 (17.7x5.3x6.3)	Tool Dimension (L x H x W) mm (") 515x85x320 (20.3x3.3x12.6)
Tool Weight kg (lb)	5,5 (12) with the battery installed	Tool Weight kg (lb) 9,3 (20.5) with the battery installed
Battery Type	Lithium-ion battery	Battery Type Lithium-ion battery
Battery Nominal Tension	36 V	Battery Nominal Tension 36 V
Battery Amperage Capacity	Ah 2,1	Battery Amperage Capacity Ah 2,1
Battery Recharging Time min	75	Battery Recharging Time min 75
Battery Power Wh	75,6	Battery Power Wh 75,6

ACCESSORIES

The tool can be equipped with some accessories (to be requested when ordering or later).

- » Battery Charger - C521013120Z
- » Additional Battery - C521013110Z





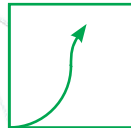
100%
MADE in ITALY

SIAT Group is the market leader in the production of machines for the packaging industry. It offers a wide range of machines for taping, wrapping, and strapping applications.

We produce more than 17.000 pieces of equipment per year and have manufacturing them for more than 50 years, proud to be recognized by our customers as the premium brand of machines for secondary packaging.

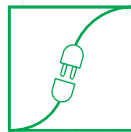
We offer products for many industries: food & beverage, e-commerce & logistics, packaging, and consumer products, resulting in a strong and durable offer for every need and every environment.

Our machines are designed to:



Increase customer productivity

Our machines boast an average life of 25 years, while our customers return from their investment in only 4 to 5 months.



Lower the cost of ownership

Our machines require easy maintenance and simple installation. They are developed and designed to be user-friendly and for different applications of our customers, thanks to a research and development department that is always ready to respond to every need.



Reduce environmental impact

We strongly believe in pursuing this goal by following our vision: the future of packaging involves a strong collaboration with our customers to find the most suitable and safe solution. Each machine is designed to minimize consumable use, reduce waste and use less energy.



Be connected

Thanks to Optirun, SIAT Group's brand dedicated to IoT solutions, we can calculate consumption whether it is of tape, cardboard, film, strapping used, and monitor all machine parameters to avoid downtimes.



ELECTRA™ represents the only battery-powered strapping solution on the market for specific use in coil lifting and related applications.