



# Viper

Battery powered tool  
for plastic strapping



Italian design for international versatility



BATTERY PLASTIC STRAPPING TOOLS

100%  
MADE in ITALY



Viper is the next-generation plastic strapping tool engineered and manufactured by SIAT, battery-powered, for PP and PET in 9, 12 and 16 mm (3/8-1/2-5/8") sizes features an innovative touchscreen interface that works like a smartphone, real-time data display and easy and intuitive value adjustments using icons.

The structure of the Viper has been meticulously crafted to achieve a light and easy-to-use design emphasizing above all an impeccable balance.

With Viper, programming tension force, and sealing time is as straightforward as using a smartphone. You can easily **save and recall settings at any time**, with your favorite combination. Tensioning force is programmable in Newton, Kg, and lbs, while the type and size of the strap (smooth or embossed) can be entered and recorded. Additionally, you can input the desired cooling time to ensure a flawless weld.

Maintenance is also simplified with Viper, offering easy functionality testing and error reporting for prompt issue resolution.

### ITALIAN DESIGN

### SIMPLE INTERFACE

### INCREASED VERSATILITY

|                               |  |   |
|-------------------------------|--|---|
| Perfect ergonomics            | High-definition color display and capacitive screen            | Values configurable and displayable in three units Newton, Kg and lbs |
| Low weight and easy handling  | Real-time values, thanks to the frontal position of the screen | Cooling time configuration to ensure perfect welding                  |
| Italian and registered design | Easy and intuitive icons                                       | Soft function also available for light loads                          |



# Viper



Self-diagnosis-Integrated

Viper's innovative touchscreen interface



Makita battery  
18V – 3Ah Viper  
18V – 5Ah Optional

## FEATURES & BENEFITS

- » **User-friendly graphical interface** - icons are designed to facilitate end-user usability
- » **Full TFT color display** - high-definition, 320x240 pixels
- » **Capacitive touchscreen** - more sensitive to touch, less subject to wear and tear, and with greater visibility due to the use of glass
- » **Real-time force/speed indication** - the screen is designed to be clearly visible, in front of the operator
- » **Variable force/speed levels** - 11 normal and 11 soft for all types of loads, providing maximum versatility
- » **Values are in the unit of measure the user is comfortable with** - tension force is given in Newtons, Kg, and lbs
- » **Adjustable cooling time for perfect weld** - the ability to set the cooling time, makes it possible to ensure perfect welding even for the heaviest loads
- » **Stores 8 settings for future use** - saves force, speed, and cooling time preferences based on the type and size of the strapping, including smooth or embossed variations, in a single recipe
- » **Tool Status Information** - instant diagnostics allow you to view errors and perform function tests effortlessly
- » **Lockable display** - with a simple clockwise finger movement
- » **Durable tool** - reinforced shell to ensure unparalleled strength
- » **Easy Maintenance** - board maintenance can be performed by simply disassembling the handle
- » **IoT enabled**
- » **Perfectly ergonomic and lightweight**
- » **Registered Italian design**

# Viper



Progressive tensioning button

Welding button

Ergonomic handle with soft-touch, high-grip rubber

Makita battery  
18V – 3Ah Viper  
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## SPECIFICATIONS

|  |  |
|--|--|
| <b>Strap type:</b>                                     | PP/PET 9 - 12 - 16 mm   3/8 - 1/2 - 5/8" |
| <b>Strap Thickness:</b>                                | 0,5 - 1,1 mm   0,020 ÷ 0,045"            |
| <b>Operating mode:</b>                                 | Automatic / Manual / Semi Automatic      |
| <b>Standard tensioning:</b>                            | 1.200 - 2.700 N                          |
| <b>Soft tensioning:</b>                                | 500 - 1.500 N                            |
| <b>Max. Tension speed:</b>                             | 200mm / sec                              |
| <b>Sealing efficiency*:</b>                            | 75 - 85%                                 |
| <b>Weight (incl. 3Ah battery):</b>                     | 3,9 kg                                   |
| <b>Weight (excl. battery):</b>                         | 3,45 kg                                  |
| <b>Dimension (L x W x H):</b>                          | 369 x 165 x 123 mm                       |
| <b>Operating temp.:</b>                                | -5°C to 40°C                             |
| <b>Relative humidity:</b>                              | 20 - 90 %                                |
| <b>Noise level (during welding):</b>                   | ≈96 dB(A)                                |
| <b>Battery:</b>  | Makita Li-Ion 18 V, 3.0 Ah               |
| <b>Charger Voltage:</b>                                | 230 V                                    |
| <b>Charging time:</b>                                  | ≈ 20 min                                 |
| <b>Cycles per charge (with 3Ah battery):</b>           | 250-350                                  |
| <b>Cycles per charge (with 5Ah battery):</b>           | 400-550                                  |
| (indic. with maximum tension and medium sized package) |  |



## OPTIONALS

Viper can be equipped on request (when ordering or later) with the following accessories:

- » Sheet metal strapping foot guard (A), to protect the tool in heavier applications: C210963400Z
- » Spring for cutting blade (B) for thin polypropylene strapping (e.g. 0.5-0.6mm): C407020400Z
- » Charger 220V (EU): C521009930Z
- » Charger 115V (USA): C521015010Z
- » Makita Battery 18 V - 3.0 Ah: C521013480Z
- » Makita Battery 18 V - 5.0 Ah: C521013370Z





## Features

## VIPER

|   |   |
|---|---|
| User-friendly graphical interface                             | ✓ |
| Full TFT color display  | ✓ |
| Capacitive touchscreen  | ✓ |
| Real-time force/speed indication                              | ✓ |
| Variable force/speed levels                                   | ✓ |
| Values in Newtons, Kg, and lbs                                | ✓ |
| Soft Mode available   | ✓ |
| Brushless motors  | ✓ |
| Perfect welding thanks to the ability to set the cooling time | ✓ |
| Stores up to 8 settings for later use                         | ✓ |
| Tool Status Information                                       | ✓ |
| Lockable display  | ✓ |
| IoT enabled   | ✓ |
| Perfectly ergonomic and lightweight                           | ✓ |
| Registered Italian design                                     | ✓ |



100%  
MADE in ITALY

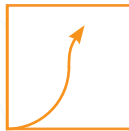


SIAT Group is the market leader in the production of machines for the packaging industry. We offer a wide range of machines for taping, wrapping, and strapping applications.

We produce more than 17,000 pieces of equipment per year and have been manufacturing them for over 50 years. We are proud to be recognized by our customers as the premium brand for machines in secondary packaging.

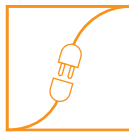
We offer products for many industries: food & beverage, e-commerce & logistics, packaging, and consumer products, resulting in a strong and durable offer for every need and every environment.

## 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.

All of our machines process the most common types of PP and PET straps, and we constantly monitor all innovations in consumables, with a focus on new developments in the circular economy, to ensure that our machines can process the most sustainable strap.



International Technical |Packaging| Applications

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