

VIPER

Battery powered tool for plastic strapping



ITALIAN DESIGN FOR
INTERNATIONAL VERSATILITY



ABCO KOVEX
POWERFUL PACKAGING SOLUTIONS

Viper's next-generation, battery-powered plastic strapping tool for PP and PET in 9, 12, and 16 mm sizes features an **innovative touchscreen interface** that works like a smartphone, offering **real-time data visualization** and easy, intuitive value adjustments through **user friendly 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 smart phone. You can easily **save and recall recipes at any time**, with your favorite settings. 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.



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
- » **Durable tool** - reinforced shell to ensure unparalleled strength
- » **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
- » **Easy Maintenance** - board maintenance can be performed by simply disassembling the handle
- » **IoT enabled**
- » **Perfectly ergonomic and lightweight**
- » **Registered Italian design**

ITALIAN DESIGN

SIMPLE INTERFACE

INCREASED VERSATILITY

Perfect ergonomics	High-definitions colour display and capacitive screen	Values configurable and displaying 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



Self-diagnosis-Integrated

Viper's innovative touchscreen interface



Makita battery
18V-3Ah Viper
18V -SAh Optional

OPTIONS

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

- Photocell for black film or coloured products
- Remote control available with the 87 Ah battery option
- Film cutting system (on LP carriage only)
- Double tracing wheel
- Non-marking wheels
- Wheels for abrasive floor
- 87 Ah battery for 400 cycles* and energy saving (power off after 10 minutes)
- Automatic stop and restart function with a scanner
- Blue signal light to highlight maneuver area/where machine operates for added safety



SPECIFICATIONS

Strap type:	PP / PET 9 - 12 - 16mm
Strap thickness:	0.5 - 1.1 mm
Operating mode:	Automatic / Manual / Semi Auto
Standard tensioning:	1.200 - 2.700 N
Soft tensioning:	500 - 1.500 N
Max. tension speed:	200 mm / sec
Sealing efficiency:	75 - 85 %
Weight (incl. battery):	3.9 kg
Weight (excl. battery):	3.45 kg
Dimension (L x W x H):	369 x 165 x 123 mm
Operating temp:	-5°C - 40°C
Relative humidity:	20 - 90%
Noise level (during welding)	96 dB(A)
Battery:	Makita Li-Ion 18 V, 3.0 Ah
Charger voltage:	230V
Charging time:	20 min
Cycles per charge:	250 - 350

(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 IISV (USA): C521015010Z
- » Makita Battery 18 V - 3.0 Ah: C52101
- » Makita Battery 18 V - 5.0 Ah: C521013370Z



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	✓