



# VIPER

## Powered Stretcher and Loading System



The Ferno Viper is a battery-powered stretcher with a load capacity of 320 kg and adjustable load height up to 95 cm. The Viper Loading System (VLS) is designed to allow the stretcher to be loaded into the ambulance under a variety of conditions — even when parked on uneven surfaces, slopes and pavements.

The Viper Loading System (VLS) is currently one of the lightest loading systems for powered stretchers in the market. An integrated charging system incorporated into the VLS charges the Viper stretcher during transport. A fully mechanical loader, the VLS is designed to centre and guide the stretcher during loading and unloading for maximum operator and patient safety.

## VIPER STRETCHER FEATURES

- **Intuitive operation** with two command buttons to raise and lower the stretcher
- **Simplicity of use** combined with uncomplicated loading and unloading procedures allows for faster training
- **Automatic battery charging** when the Viper is locked into the VLS so the stretcher's battery is always topped up.
- **A battery and temperature indicator** on the control panel provides instant feedback and warnings to protect Viper's battery and electronics.
- **Mobile monitoring** via the dedicated IOS or Android tablet / smartphone app to adjust and set the Viper's automatic loading height and other parameters plus monitor the stretcher's operational use and maintenance needs.
- **Soft start and stop functions** reduce sudden jolts to enhance patient comfort and sense of security
- **Fully adjustable backrest** up to 90°. Knee contour and shock positions, highly adjustable to a variety of positions including Trendelenburg.
- **Easy to manoeuvre** with 150 mm diameter rubberised wheels and single-pedal steer-lock command to switch between directional and swivel wheel function.
- **Supplied with** a pair of SX Surface Xtenders.
- **Settable loading height** up to 90 cm.
- **Streamlined, minimalist frame** for easy cleaning and sanitising.



Intuitive control panel buttons for raising and lowering stretcher legs



Battery capacity indicator provides real-time feedback. Temperature alert indicator warns of low battery temperature or when an electronic component becomes too hot

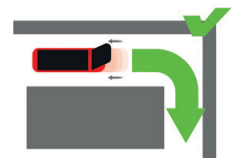
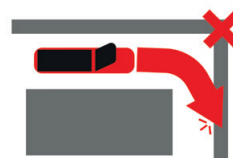
## NAVIGATE TIGHT CORNERS, TAKE THE LIFT / ELEVATOR



FULL EXTENSION 2000mm



SHORTENED 1630mm



# VIPER Stretcher and Loading System

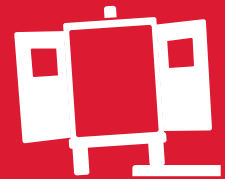


## VLS FEATURES

- Lightweight and reliable loading and fastening system
- Mechanical design without electronics allows for simple maintenance
- Simple to use, easy to retract and extend the loading carriage
- Easy installation directly to the vehicle floor
- Fully integrated battery and charging system with automatic onboard charging. The system utilises new generation battery technology.

## VERSATILE LOADING & UNLOADING

The Viper Loading System provides guided assistance during loading and unloading which means it is not critical for ambulances to be parked on a completely flat surface. This also means the Viper stretcher can be loaded and unloaded from a sideways angle if required.



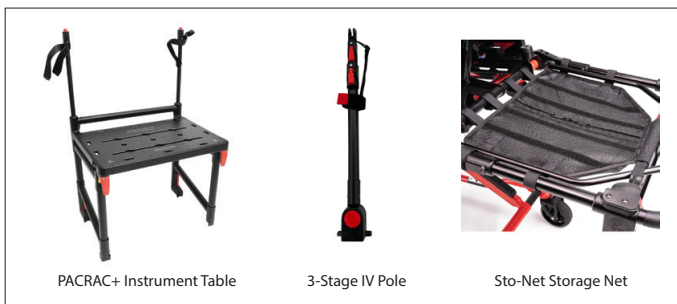
## VIPER SPECIFICATIONS

<b>Length</b> - minimum / maximum	1630 mm / 2000 mm
<b>Width</b> - stretcher	600 mm
<b>Width</b> - with SX extenders in horizontal position	950 mm
<b>Height</b> <sup>1</sup> - minimum / maximum	380 mm / 1330 mm
<b>Load Height</b> (user-programmable)	Maximum 950 mm
<b>Maximum Load Capacity</b>	320 kg
<b>Weight</b> <sup>2</sup> - Stretcher only	75 kg
<b>Weight</b> - with SX, knee contour, mattress, restraints	82 kg
<b>Backrest Articulation</b>	0° - 90°
<b>Leg Platform Articulation</b>	0° - 30°
<b>Battery Operating Range</b>	0°C - 65°C
<b>Ingress Protection Rating</b>	IP66
<b>Compliance</b>	AS/NZS 4535:1999

General specifications are rounded. Metric conversions are calculated before rounding. Ferno reserves the right to change specifications without notice.

<sup>1</sup> Stretcher height is measured from the ground to the patient surface at the seat panel.

<sup>2</sup> Weight includes the battery and stretcher without SX Extenders, knee contour, mattress, restraints and any other optional features or accessories.



PACRAC+ Instrument Table

3-Stage IV Pole

Sto-Net Storage Net

## VIPER ACCESSORIES

<b>PacRac+ Instrument Table - Viper</b>	FWEPR+V
<b>PacRac+ Adapter Kit</b>	90-0543
<b>3-Stage IV Pole - Viper</b>	LAIV-3SV
<b>Sto-Net Storage Net (for head end)</b>	082-2543

AS/NZS4535 Ferno Viper and Loader with ICS

FUK3000239

## VLS WITH ICS SPECIFICATIONS

<b>Length</b>	2000 mm
<b>Width</b>	570 mm
<b>Height</b>	260 mm
<b>Maximum Load Capacity</b>	400 kg
<b>Weight</b>	69 kg
<b>Maximum Loading Height</b>	950 mm
<b>Ingress Protection Rating</b>	IP66
<b>Compliance</b>	AS/NZS 4535:1999

<sup>3</sup> Integrated Charging System (ICS) maintains the battery charge when the stretcher is secured in the Viper Loading System. Stretcher goes into sleep mode after 10 minutes to preserve battery charge when the stretcher is not being used, and woken by pressing the up or down button. The sleep time interval is configurable in the Service App.