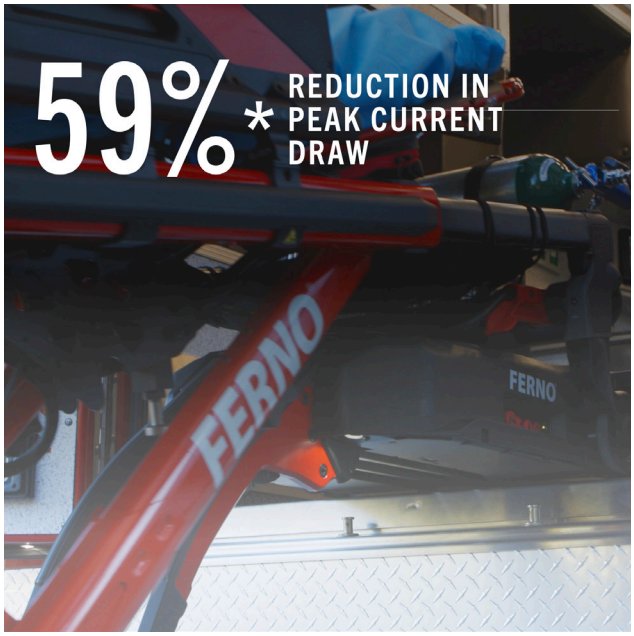
POWER F2™

TAKE CONTROL.

The unique cross-compatibility, power and functionality of the FERNO® POWER F2 Fastening System make it a global innovation designed to reduce paramedic injury, improve emergency care and better patient comfort around the world. Our technical studies show the evidenced improvement against the Stryker® Power-LOAD™ loading system.









Technical studies were conducted by FERNO in 2026 in a controlled environment under controlled conditions. Tests captured and compared represent the average from multiple tests under the same conditions to determine true comparative performance.

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POWER F2™

ADDITIONAL FUNCTIONALITY



CROSS-COMPATIBILITY WITH STRYKER® PRODUCTS

Carefully designed by FERNO to improve the future of EMS, FERNO POWER F2 has been designed to accommodate Stryker stretchers, while the FERNO POWER X2 Ambulance Stretcher has been designed to operate with Stryker Power-LOAD too. Cross-compatibility provides greater future-proofing for tomorrow, greater support in the event of a mass casualty incident today, and greater control over your EMS equipment in the best interests of your patients..



FAST-RELEASE FOR RAPID REPAIR

Swap the POWER F2 carriage from the POWER F2 rail in under 1 minute.

With Stryker Power-LOAD replacement time considerably higher, the fast-release of the POWER F2 carriage means you can quickly swap in the event of any repair needs, minimizing off-road time and getting you back out saving lives quickly and safely.



CHARGING FOR YOUR SPARE STRETCHER AND CHAIR BATTERIES

FERNO POWER F2 offers additional battery charging at the back of the rail for our industry-leading 36 V battery.

Not only does this battery offer up to 50% more stretcher lifts from a single charge, it can also be used on our Transcend PowerTraxx stair chair - helping ensure you never run out of power when you need it most.



REAL-TIME DIAGNOSTICS AND DATA DISPLAY

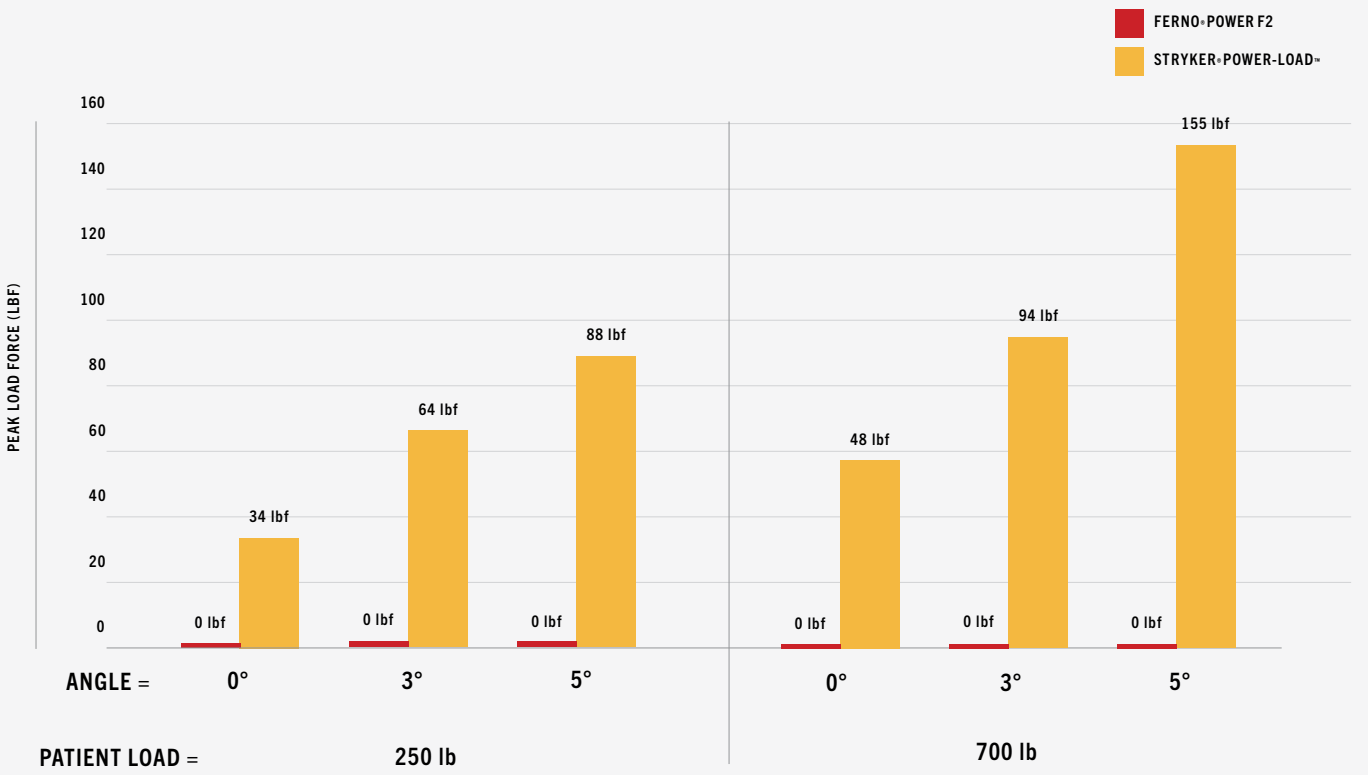
Powered by FERNO Connect, the digital display connecting both POWER F2 and your Ambulance Stretcher, you're able to see real-time diagnostic information, connect Stretchers and Fastening Systems, review errors, and review maintenance insights to help control your fleet of equipment today and tomorrow.

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POWER F2

UP TO 155 LBF REMOVED FROM EVERY CALL

This graph shows the human force required by a Paramedic to load a stretcher into a vehicle using differing fastening systems with various load weights, at 0, 3 and 5-degree angles. Stryker Power-LOAD ranges between 34 lb and 155 lb of force needed - whereas FERNO POWER F2 requires 0 lb force. **Every time.**



Multiple load tests were conducted at varying combinations of weights and angles in order to calculate a true average of force required to load a stretcher into a vehicle. In this example the 0°, 3°, and 5° measurements refer to the pitch angle (-pitch) at the loading position, where the foot end is lower and the head end is higher (inclined). This graph shows patient weights of 250 lb and the maximum 700 lb. As can be seen, even at 250 lb with 0-degree angle the Stryker Power-LOAD still requires an application of 34 lbf to load a patient.

THE REAL-WORLD IMPACT

Every day Paramedics load and unload patients from their vehicles when answering a call and transferring them to a care facility. Over the years Paramedics have felt the cumulative effects for the physical exertions in their line of duty - especially on their backs, shoulders and wrists. FERNO POWER F2 answers the call to reduce the force needed to load patients. Reducing up to 155 lb of force on every load or unload, day after day, year after year, helps contribute to keeping them safe, extending their careers and saving more patients lives.

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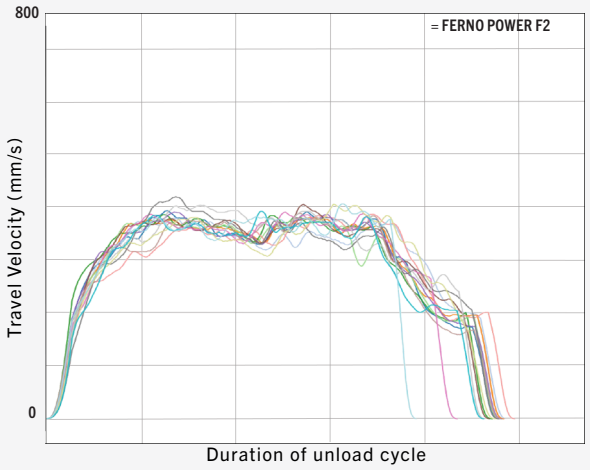
POWER F2

TOTAL CONTROL WHEREVER YOU ARE.

The study below shows the comparative travel velocity of the FERNO POWER F2 and the Stryker Power-LOAD fastening systems over the duration of their respective unload cycles. Each line on the graph represents a different combination of patient load (0, 250 or 700 lb) and angle (0, -/+3, -/+5-degrees).

FERNO POWER F2

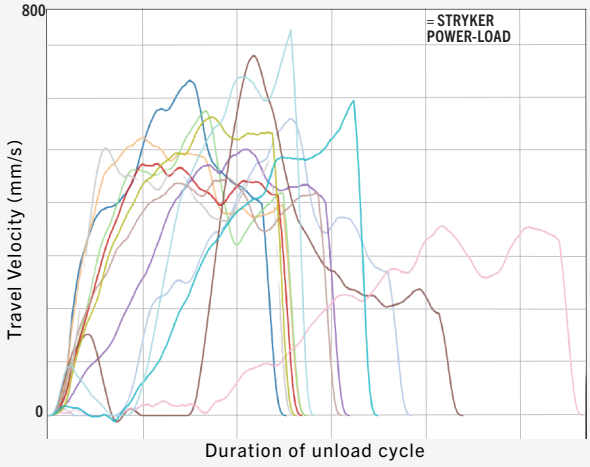
Thanks to the fully powered, totally controlled operation of POWER F2, Paramedics and operators can have complete confidence in the performance of the fastening system. Regardless of patient load, whether at an angle on a hill or on flat terrain, there'll be no surprises. No stretchers accelerating towards them. Just the press of a button and reliable operation - over and over again.



STRYKER POWER-LOAD

Due to the manual loading nature of the Power-LOAD, the deviation between cycles is much greater, giving your Paramedics a broad array of operating conditions, particularly when under the heavier loads or greater angles - or both.

This can also give a very different patient experience dependent on the user and the force which they apply to.



FERNO conducted a series of tests measuring both FERNO POWER F2 and Stryker Power-LOAD in operation, across multiple patient loads and angles, to chart the changing travel velocity a patient might feel over the course of an average unloading operating cycle, in order to understand the difference between both products and demonstrate the consistency of POWER F2.

THE REAL-WORLD IMPACT

Paramedics deal with so much uncertainty every day that they need technology they can rely upon in the critical moments. POWER F2 delivers total control when loading and unloading of patients into and out of an emergency vehicle, regardless of the patient load or terrain.

Fully powered operation with just the touch of a button means that despite the countless changes to condition and surprises on the job, their fastening system isn't one of them.

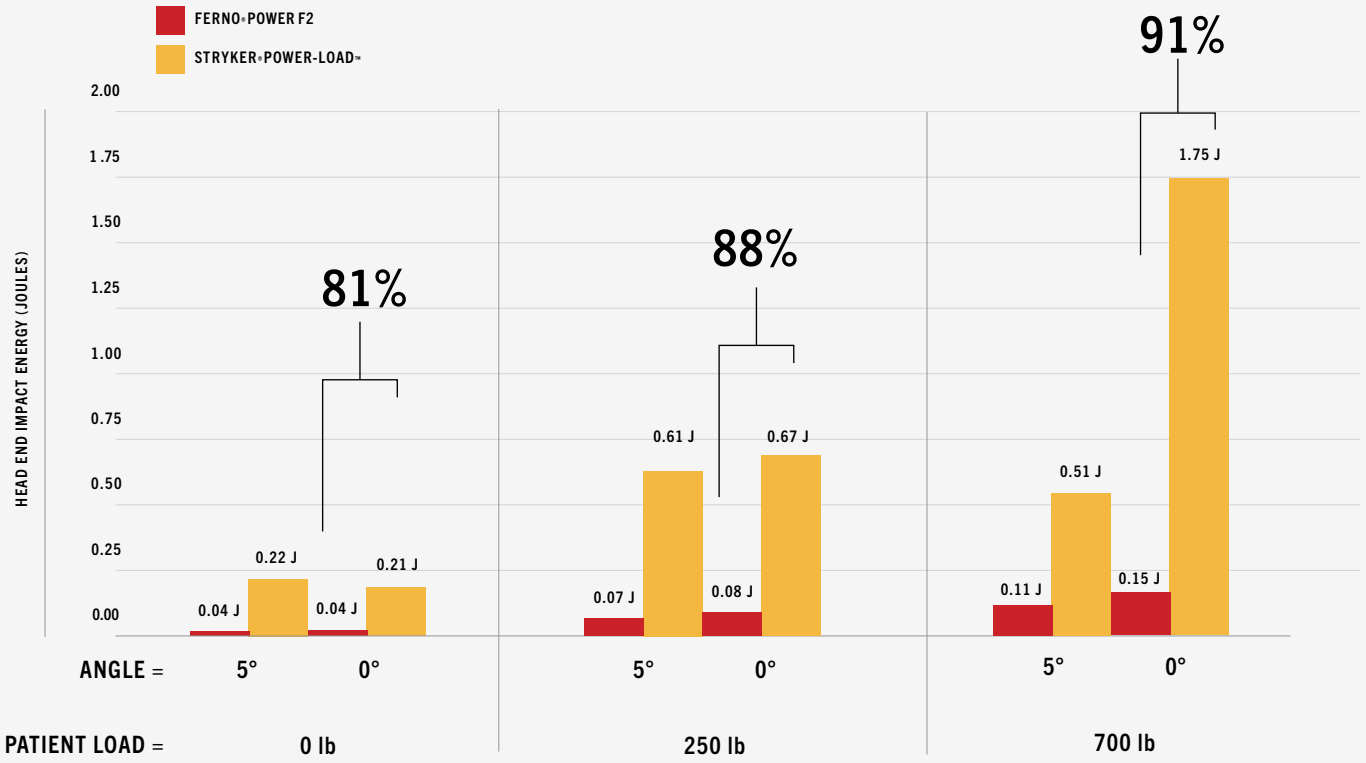
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POWER F2

UP TO 91% REDUCTION TO OVERALL IMPACT

The FERNO POWER F2, thanks to its fully powered operation, significantly reduces impact compared with the Stryker Power-LOAD when loading or unloading a patient, as shown in the graph below. This shows a reduction in the impact between 81% and 91% when using a FERNO POWER F2 over a Stryker Power-LOAD.



Multiple load tests conducted at varying combinations of patient loads and angles in order to calculate a true average of impact energy at the Head End of a stretcher at the point of loading into a vehicle, in order to determine the performance variance between FERNO POWER F2 and Stryker Power-LOAD regarding patient comfort during operation.In this example the 0° and 5° measurements refer to the pitch angle (-pitch) at the loading position, where the foot end is lower and the head end is higher (inclined).

THE REAL-WORLD IMPACT

Reducing the impact of operation when transporting patients can help to make a difference to EMS providers, and those they are attempting to save - especially those most vulnerable. Thanks to fully powered and controlled loading and unloading, the FERNO POWER F2 gently and securely transfers patients, with less overall impact and all with just the touch of a button - helping protect paramedics while keeping fragile patients as safe as possible during transfer to a care facility.

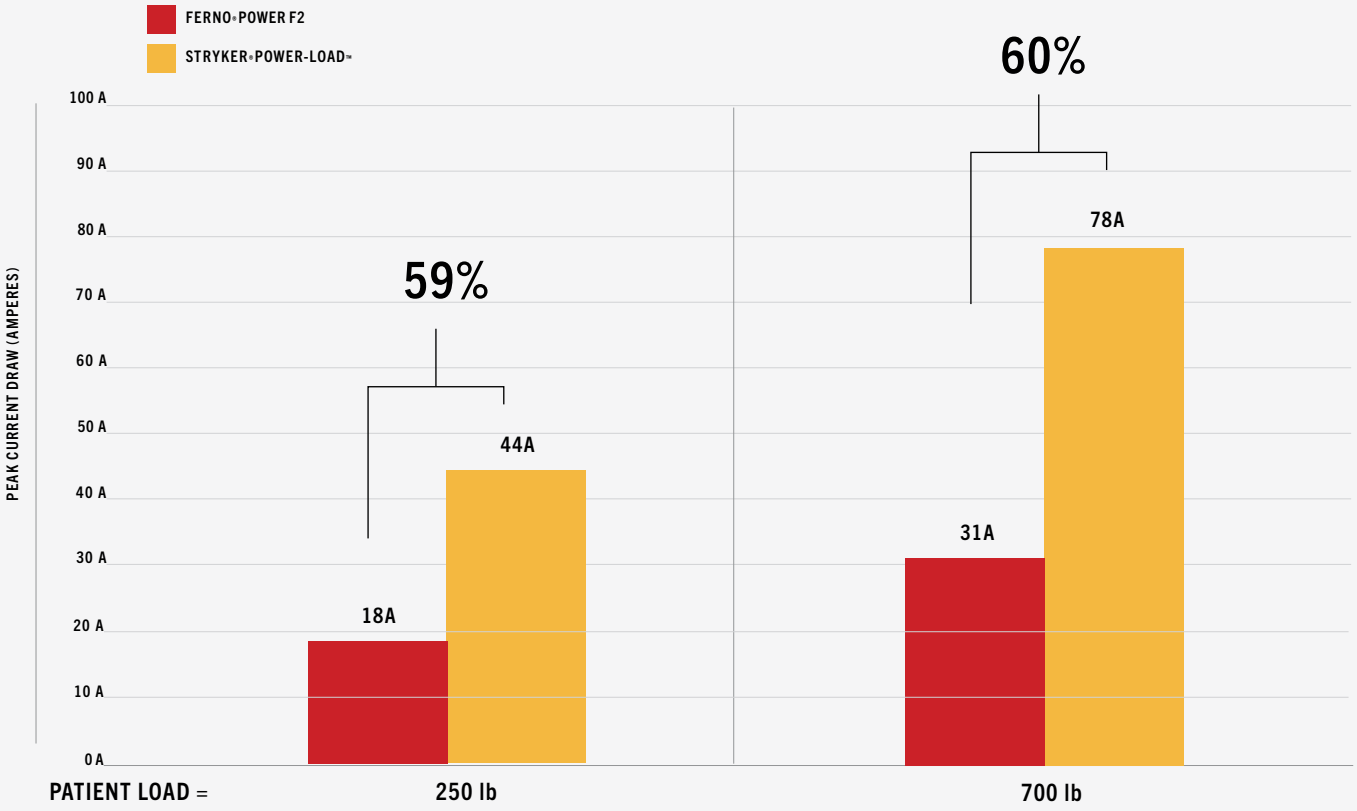
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POWER F2

POWER THAT WORKS SMARTER NOT HARDER

POWER F2 has been intelligently designed to reduce the peak current draw required to operate your fastening system, helping to maximize power efficiency and service life, and to minimize total cost of ownership. POWER F2 at peak draws 59% less current than Stryker Power-LOAD, which can help contribute to improved power efficiency, superior system reliability, and greater component durability.



Multiple load tests conducted at varying combinations of patient loads in order to calculate a true average peak current draw required by both FERNO POWER F2 and Stryker Power-LOAD.

THE REAL-WORLD IMPACT

In such an equipment and technology intense environment, power is a valuable and scarce commodity. You need to maximize the operational time of your equipment and minimize downtime. POWER F2 can help you towards both, while keeping your vehicles on the road for longer. With less peak current draw running through your powered fastening system, you'll keep your equipment and electrical components in prime condition, helping ensure you're always ready when the next call comes.

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POWER F2™

SYSTEM COMPARISON





FERNO® POWER F2		VS	Stryker® Power-LOAD™
36 IN. UP TO		LOADING HEIGHT	36 IN. UP TO
88 IN. MAX		LENGTH	95 IN. MAX
24.5 IN.		WIDTH	24.5 IN.
199.5 LB		WEIGHT	211.5 LB
700 LB MAX		CAPACITY	700 LB MAX
36.3 V $LiFePO_4$		BATTERY	12 V $LiFePO_4$
FULLY AUTOMATED (POWERDRIVE)	NON-AUTOMATED (NON-POWERDRIVE)	LOAD/UNLOAD METHOD	MANUAL ONLY
0 LB		LOADING FORCE REQUIRED	UP TO 155 LB

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