



Up to 80% faster deck and bulkhead straightening with induction heating

TERAC® 25/40

The Terac deck straightening system brings the cost, safety, and environmental benefits of induction heating to shipyards. Compared to traditional methods such as flame heating, the Terac is designed to optimise efficiency and reduce straightening times by up to 80%. This innovative system offers precise, repeatable results, ensuring consistent quality while significantly lowering operational costs.



ENHANCE PRODUCTIVITY

The Terac boosts productivity with rapid, accurate deck and bulkhead straightening heating. Its precise control allows for single-sided operation, reducing rework and saving time.

Rapid heating: Achieve quick and consistent heating with an 8mm steel deck heated in 8 seconds.

Single-sided operation: Simplifies the process, minimising time and labour.

Consistent quality: Ensures precise and repeatable results with every use.



COST-EFFECTIVE OPERATION

Cut operational costs by minimising the time and resources needed to straighten tasks. The Terac's efficiency reduces labour expenses and shortens project timelines, ultimately improving your bottom line.

Significant time savings:

Up to 80% faster than traditional straightening methods.

Minimised downtime:

Swift setup and simple operation guarantee minimal disruptions to your workflow.



ECO-FRIENDLY AND SAFE

ENRX prioritizes safety and environmental responsibility. The Terac operates without flames or gas, reducing toxic emissions and noise levels while creating a safer, more comfortable working environment.

No harmful emissions:

A cleaner, safer alternative for your shipyard.

Quiet operation: Reduces noise pollution, improving the work environment.

Engineered for performance by ENRX



Product features

Mobility

A complete Terac system fits into a standard-sized container, making it easy to move from one work site to another.

Robust construction

Terac components are designed to withstand tough shipyard environments.

Easy operation

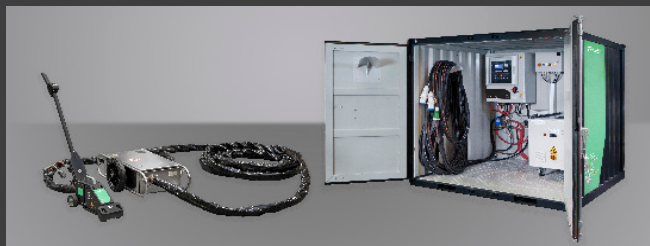
Clear, easy-to-understand operator controls are conveniently positioned on the handle.

Extensive work range

Operators can work with Terac within a 45-metre radius of the base unit. An optional extension unit extends the work area to a 60-metre radius.

Handheld transformer

The handheld transformer allows operators to heat bulkheads and hard-to-reach areas.



Mobility



Robust construction



Easy operation



Extensive work range



Handheld transformer

Technical data

Supply

Supply voltage range	3x400-480V +6-10%
Frequency	50/60Hz
Power factor (cos φ)	0.95
Recommended fuse	63 Amp
Mains cable length	5m

Output

Output power, nominal / intermittent	25/40kW
Cooling & power cable length	30m
Cooling	
Refrigerant type	R407C
Coolant	Mains water (with 30% monopropylene glycol when risk of freezing)

Enclosure

Ambient operating temp.	+5°C - +40°C
Outer dimensions (WxDxH)	1965 x 1980 x 1925mm
Weight (with water)	Approx. 1240kg
Capacitor unit / Extension unit	
Outer dimensions (WxDxH)	570 x 858 x 300mm
Weight	Approx. 36kg (excl. cable)

Deck inductor unit

Weight	Approx. 10kg (excl. cable)
Cable length	15m

Handheld inductor unit

Weight	Approx. 2kg (excl. cable)
Cable length	10m

Subject to modification