

Terac 25



The Terac 25 brings the cost, safety and environmental benefits of induction heating to ship-yards. A proven, turnkey solution, the Terac only needs an electricity supply and it's ready to start work. Terac is ideal for deck and bulkhead straightening.

Increased productivity

Fast, easy, precise and repeatable heating improves productivity. Through-heating of steel decks and bulkheads is rapid, e.g., 8mm in only 8 seconds.

Reduced costs

Terac has been documented to cut straightening times by as much as 80 per cent compared to flame heating and other traditional methods.

Improved quality

Terac ensures the precise repeatability of heating cycles. Pre-set parameters minimize the risk of overheating

Gentle on the environment

No flames, no gas and virtually no radiant heat mean more comfortable, more productive working conditions. That's good news for the natural environment, too.



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PRODUCT FEATURES

Mobility

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

Robust construction

Terac components are designed and built to last in tough shipyard environments.

Easy operation

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

Extensive work range

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



Handheld transformer

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



TECHNICAL DATA

Supply

Supply voltage range	3x400V ± 10% (460V)
Frequency	50Hz / (60Hz)
Power factor (cos φ)	0.95
Recommended fuse	63 Amp
Mains cable length	5m

Output

Output power, nominal / intermittent	20 / 40kW
Cooling & power cable length	30m

Cooling

Refrigerant type	R407C
Coolant	Mains water (with 30% monopropylenglycol 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. 6kg (excl. cable)
Cable length	10m

Subject to modification