

CONTAINERISED SYSTEMS

Containerised solutions for Field Joint Processing Applications



To address the needs of field-based pipe jointing and coating operations within the oil and gas sector, Radyne has designed and developed a range of portable containerised mobile induction heating systems.

A fully containerised system housing two 450TC3 power supplies and dual water chiller systems, the container is fully air conditioned and with its own lighting.

A change over switch is sited between the two Inverters to enable selection of either unit – with the main objective being able to bring the back-up unit on line in the event of a failure of the other Inverter.

Built to the offshore standard DNV2.7-1.

The container can be built in two sizes, a 20ft housing two systems or a 10ft housing a single system.

Lay vessel power taken as 440V 3 phase 60Hz

Power requirements for **450TC3** assuming 440V supply 622kVA

Line current: 816A

Chiller units: 2 x 40kW chillers – both operating 50kVA, one operating 25kVA

Electrical controls: 10kVA

Air supply: 100cfm at 7 bar (Dry and oil free)

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