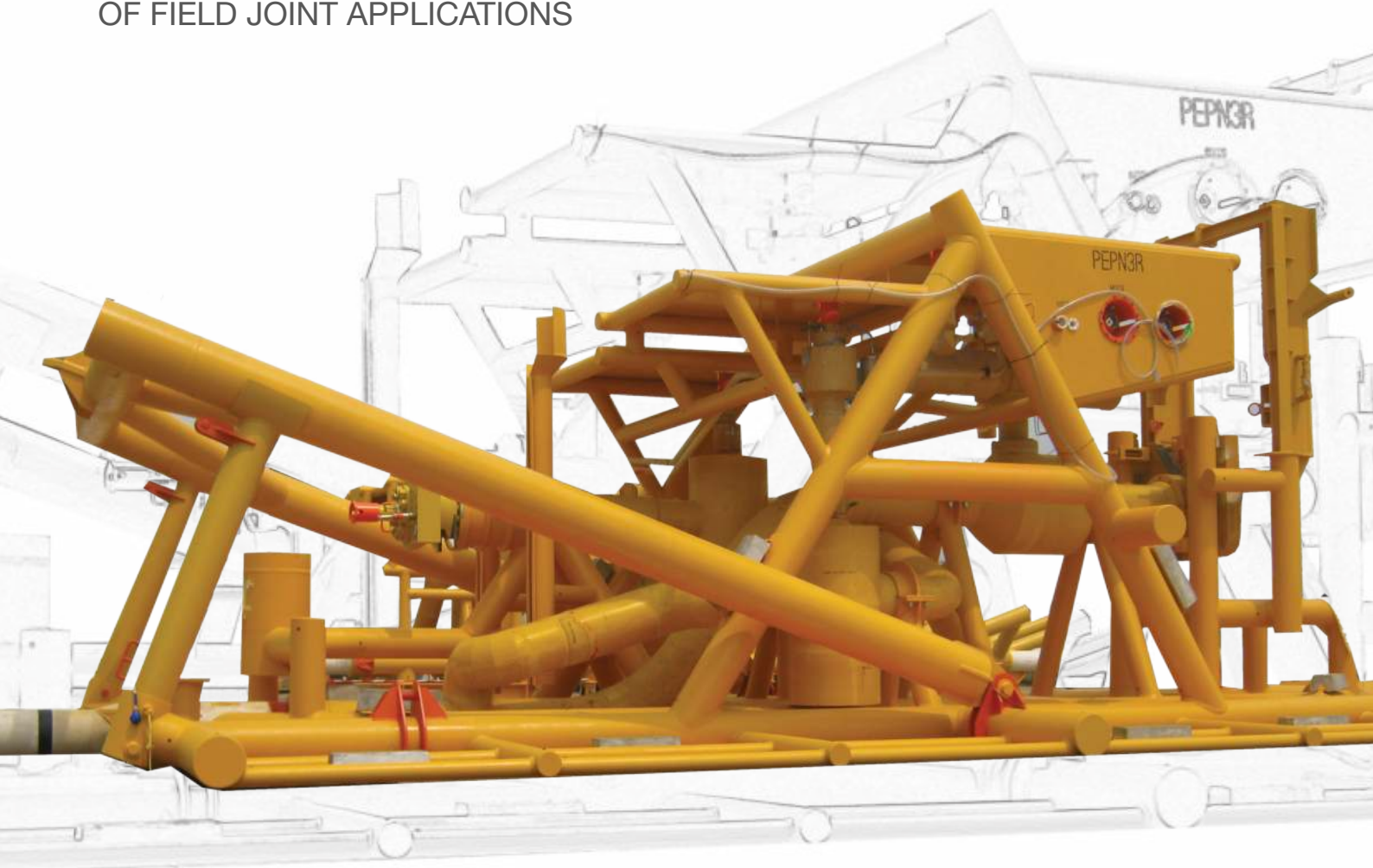


FJC Polyurethane Applications

(FJC:FIELD JOINT COATING)

POLYURETHANE SYSTEMS FOR A WIDE VARIETY
OF FIELD JOINT APPLICATIONS



Offshore infill of concrete weighted pipe with high density PUF.

Thermal insulation of field joints or custom coating of spools and associated subsea equipment or PUF injection into a HDPE jacket.

Polyurethane

Equipment Description

- Multi component dispensing machinery, suitable for casting heavily filled, high temperature, low density and standard PU systems.
- “Data acquisition and closed loop control available as an option.
- To reduce waste and environmental impact high pressure foam machines are offered”
- Temperature management of the PU component materials is assured using heaters and heat exchangers
- The condition of the materials are assured by component agitation and vacuum degassing
- Materials are pre-conditioned through drum agitation and pre-heating

PU Applications Capabilities

- Thermal insulation, solid, foam and GSPU
- Low and high density open cell PUF for Concrete coated pipe FJ infill
- HDPE jacketed PUF joints for onshore applications
- Heavy Weight solid PU for maintaining negative buoyancy and increased mechanical protection

Applications

- Offshore
- Landline
- Spoolbase and fabrication

PU Technical Characteristics

- PU systems can be selected for thermal insulation, replacing the requirement for IMPP
- The use of closed cell foam and syntactic foams are available for various thermal insulation projects, from insulated landlines to subsea applications
- Selection of heavily filled PU systems can be an ideal joint filler for CWC pipes requiring protection and negative buoyancy
- PUF is available for helping carry CWC pipes over the stinger on offshore applications



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