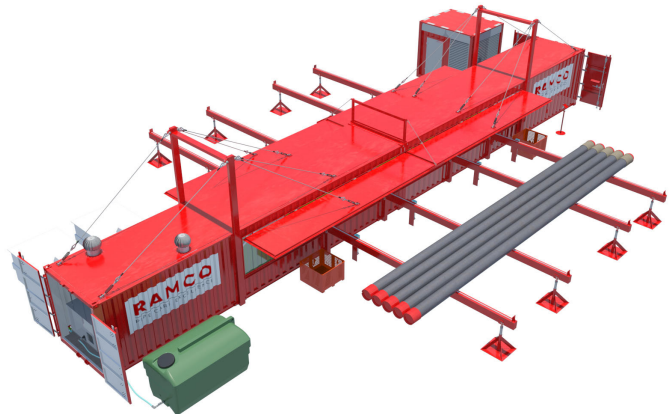


PIPE CARE UNIT TYPE 3 (PCU3®) BLASTING UNIT

RAMCO[®]
PIPE CARE EXCELLENCE

Through our family of PCU's® RAMCO has pioneered many aspects of operational efficiency, from state of the art internal and external cleaning and treatment of OCTG to NORM removal. The PCU® technology, designed by RAMCO's engineering specialists, offers unrivalled efficiencies and operates to the highest environmental standards. The technology uses a self-contained and re-usable water system which reduces the need to dispose of water waste.



BACKGROUND

In response to market demand Oil Country Tubular Goods (OCTG) manufacturer along with several Oil and Gas Operators required tubular cleaning and inspection services to the highest standards in remote locations. The equipment needed to be mobile, environmentally safe, and with no requirement for major civil engineering works.

RAMCO SOLUTION

Building on the experience gained operating the PCU1® and PCU2® units Ramco designed and built the next evolution in its range of PCUs. The PCU3® provides a 3,000psi hot water cleaning system for OCTG from 2 3/8" through to 20" with a water recycling system.

Designed as a modular containerised system the PCU3® is more compact than previous units and comprises 4 containers which can be readily deployed anywhere in the world.

As there is no major infrastructure requirement the pipe care unit can be operational within 6 weeks with no capital outlay for clients.

Furthermore, the PCU3® only requires a minimum of 3 operators – 1 RAMCO supervisor supported by local labour.

Depending on the client requirement the PCU3® can be configured with other units from the PCU family to enable abrasive cleaning, bundling, EMI and UT inspections – providing a single solution for tubular cleaning and inspection.

TECHNICAL SPECIFICATION

Process Plant

3 x standard ISO shipping containers and includes:

- 3,000 psi hot water cleaning system
- Full water recycling/filtration system
- Internal spray and drift lances
- Weather protection module

Power Pack

Fourth container comprises the power pack with:

- 250cfm compressor
- Dryer
- Receiver
- Generator (electric or diesel depending on customer requirement)

Footprint

- 900m² on level hard standing ground

Capacity

- Sizes 2 3/8" – 20" standard
- 12 joints per hour average*

AT A GLANCE...

PCU 3

JET CLEANING UNIT

- Self-contained internal water jetting unit for removal of well fluids, muds and surface contaminants
- Can be used for casing, tubing, drillpipe and accessories
- Cleans to customer-specified inspection standard
- Range 1 – Range 3
- Sizes – 2 3/8" - 20" standard
- Footprint – 900m² on level hard standing ground

CAPACITY

- 12 joints per hour average*

KEY BENEFITS

- Self-contained mobile solution – operational within 6 weeks
- No capital outlay – variable costs based on minimum throughput
- Environmentally friendly
- Consistent quality output
- Single solution for cleaning, rig-ready/return (casing, tubing and drillpipe)
- Improved manpower utilisation
- Minimised rig site rejects
- Reduced inventory requirements

* based on standard 9 5/8" pipe