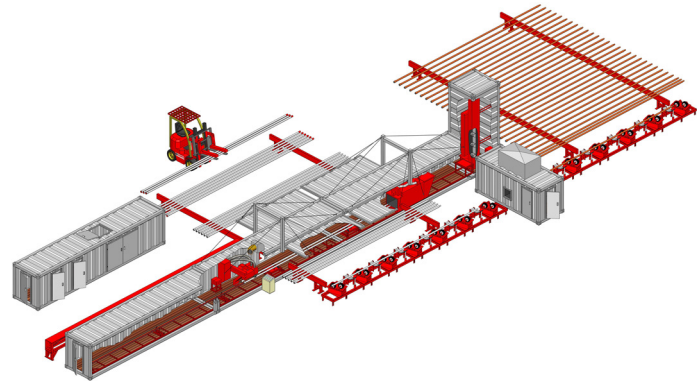


# PIPE CARE UNIT TYPE 2 (PCU2®) BLASTING UNIT

**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

The Ramco team recognised that major Oil Country Tubular Goods (OCTG) manufacturers along with Oil and Gas Operators required blasting and cleaning of tubulars on site and in locations where there was no immediate infrastructure to provide these services.

## RAMCO SOLUTION

Ramco created a range of modular PCU's® based around proven abrasive blasting techniques. The PCU2® was developed as a self-contained unit to provide internal abrasive blasting and coating to Swedish SA2½ standard along with external blasting to Swedish standard SA2.

Designed as a modular containerised system the PCU2® comprises 6 containers which can be readily deployed to mill sites or client yards 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 PCU2® only requires a minimum of 4 operators – 1 RAMCO supervisor supported by local labour.

Depending on the client requirement the PCU2® can be configured with other units from the PCU family to enable water cleaning, bundling, EMI and UT inspections – providing a single solution for tubular cleaning and inspection.

## TECHNICAL SPECIFICATION

### Process Plant

5 x standard ISO shipping containers and includes:

- Automated external shot blasting equipment
- Internal blast lances
- Internal spray and drift lances
- External coating equipment
- Internal grit recycling and dust recovery systems
- Weather protection module

### Power Pack

Sixth container comprises the power pack with:

- 900cfm compressor
- Dryer
- Receiver
- Generator (electric or diesel depending on customer requirement)

### Footprint

- 1,500m<sup>2</sup> on concrete plinths

### Capacity (3 lances)

- Sizes 2 3/8" – 13 3/8" standard
- 12 joints per hour\* – carbon steel
- 6 joints per hour\* – chrome

## AT A GLANCE...

### PCU 2 ID/OD

#### BLASTING UNIT

- Self-contained internal and external abrasive blasting and coating
  - Internal blasting and coating to Swedish SA2½ standard
  - External blasting and coating to Swedish SA2 standard
- Range 1 – Range 3
- Sizes – 2 3/8" - 13 3/8" standard
- Footprint – 1,500m<sup>2</sup> on concrete plinths

#### CAPACITY (3 lances)

- 12 joints per hour\* – carbon steel
- 6 joints per hour\* – chrome

#### KEY BENEFITS

- Safe, reliable and efficient pipe care
- Self-contained mobile solution – operational within 6 weeks
- No capital outlay – variable costs based on minimum throughput
- Environmentally friendly
- Consistent quality output
- Dependable service levels
- Just-in-time delivery of ready to run pipe
- Improved manpower utilisation
- Minimised rig site rejects
- Reduced inventory requirements

\* based on standard 9 5/8" pipe