

# MOBILE HYDROGEN 350 BAR DISPENSER

## Overview

The hydrogen dispensing container consists of a complete solution for remote on-site hydrogen production, storage and dispensing. The containerised solution is designed and commissioned to fit into a 20" ISO container. The container includes a hydrogen generator based on PEM technology, a water demineralising system, a chiller system, an electric driven hydrogen booster, high pressure hydrogen storage and 350 bar hydrogen dispenser. The container only requires a 3 phase electrical connection and regular filling of the water tank.

## Purpose

- Containerised hydrogen production, storage and dispensing for remote solutions. The containerised solution allows for quick deployment and the standardised design and components allow for quick delivery and turnaround time. The unit also allows for coupling to a tube trailer for additional storage capacity.

## Specifications

- 4 Nm<sup>3</sup>/hr PEM electrolyser with 15 bar discharge
- 500 litre potable water supply tank on roof
- 350 bar on-board hydrogen storage
- 350 bar SEA hydrogen dispenser
- 63 A 3phase electrical connection
- Litre/hr demin water purification system

