



**Advanced Air Separation Solutions**

# 1<sup>st</sup> time in India Oxygen Plant on Wheels



**Containerized  
Oxygen PSA  
Solutions**

## **MOBILE OXYGEN SOLUTIONS**

*Improve productivity, reduce operating costs,  
and benefit the environment*

# MOBILE – PSA

CONTAINERISED PSA OXYGEN PLANT WITH BOOSTER COMPRESSOR TO FILL THE OXYGEN CYLINDERS



## OVERVIEW

Holden offers its customers the Advanced Mobile PSA Oxygen Stations HOLOF-MOB Series built in ISO container. The oxygen is produced from compressed air by pressure swing adsorption (PSA) technology. This technology separates oxygen from other gases in the air under pressure. The compressed air system as well as the oxygen separation system is integrated in the container and represent a compact solution for those who do not have a space for an oxygen generating system within their building or need oxygen production plant in severe conditions.

Mobile oxygen production plant is preferred compact solution design for outdoors. The mobile unit stationed at hospital can be moved to remote locations in a jiffy in emergency cases. If you have specific requirements, do not hesitate to contact us and we will design you a solution to meet your requirements.

Holden produces their containerized mobile PSA oxygen plants, as the one only manufacturer of containerized solutions for oxygen generation, IN-HOUSE. This means, we control every step of our production and therefore make sure everything is done under our standards.



## THE HOLOF-Mobile ADVANTAGE

**HOLOF-MOBILE is a transportable new-generation station allowing production of up to 100 oxygen cylinders per day with the oxygen production capacity reaching 30 Nm<sup>3</sup>/h.**

- **Transportable** (pass for fork-lift and bolt-on ISO corners) Turnkey,
- Plug & play solution with automatic start and stop operation,
- Designed for outdoors – the container is an excellent protection against rain and sun,
- The plant can be moved easily to remote locations in case of severe emergency,
- Standard outlet pressure 4-5 barG; higher pressure available on request

## TECHNICAL SPECIFICATIONS

**Capacity:** 18 to 30 Nm<sup>3</sup>/h

**Purity:** 90%-93%

**ISO container:** Standard 10ft., 20ft. or 40ft.

**Operating Costs:** 1.1 kWh/Nm<sup>3</sup>

**NOTE:** The container is equipped with the positive ventilation system and heating system, as well as the common monitoring and control unit. Operation of the oxygen station is made ultimately convenient and simplified.