

Industrial Compressed Air Rotary Screw Module



**MPW'S
COMPRESSED
AIR SOLUTION
ELIMINATES
LARGE CAPITAL
EXPENDITURES**

MPW Industrial Air Utility Services builds unitized, energy-saving compressed air modules to customer requirements, replacing the need for customers to own, operate, maintain or monitor facility compressed air needs. The new units offer critical oil-free compressed air, reducing or eliminating both down-time and product damage or waste in any automated manufacturing facility.

The compressed air module provides exacting air quality standards to meet customer requirements, with plug-and-play modules that replace compressors, dryers and ancillary compressor room equipment. Skilled technicians remotely monitor the compressed air solution 24/7, ensuring process uptime is maintained. Specific to the MPW solution, all air dryers meet customer required pressure dew point all the time.

The CAS Module is a completely outsourced solution, eliminating excessive capital expenditures. Contact us to obtain all new equipment at a fraction of the cost of asset purchase and to increase the reliability of compressed air at your facility.

FEATURES

- **MPW designed, built and tested in-house**
- **Self-contained, oil-free, 100HP 460v**
- **QTY(2) 400 SCFM Rotary Screw Compressors with 800SCFM Refrigerated Dryer**
- **Data-acquisition system ensures air quality parameters**
- **100% reliable, instrument air**
- **N+2 available for every application**
- **Integrated Multiple Compressor Controls for best reliability and energy efficiency.**
- **Compressed air purity can be specified and guaranteed for every application.**

BENEFITS

- **Guaranteed performance**
- **Protection from production downtime, product damage and potential FDA violations**
- **Overhead and maintenance cost elimination**
- **MPW managed operation and risk mitigation**
- **Capital investment reduction or elimination**

INDUSTRIES

- **Automotive**
- **Clean Rooms (Medical & Electronic)**
- **Food & Beverage**
- **Manufacturing**
- **Mining**
- **Petrochemical/Refining**
- **Pulp & Paper**
- **Power Generation**
- **Steel**



DIMENSIONS

Container

42'x8.5'x9.75' (LxWxH)
42'x8.5'x12.5'

Operating Weight

~30,000 pounds

PRODUCT AIR

Flow Rate

Up to 800 CFM

Pressure

Up to 125 psi

Quality

Per customer requirement

CONNECTIONS

Compressed Air Product

3" 150# ANSI Flange/
Grooved Pipe

REQUIREMENTS

Electrical

(1) 480VAC 3 PH 323 FLA

INSTRUMENTATION

Flow Meter and Totalizer

PLC and Touch Screen
Panel PC for Real-Time
SCADA and System
Trending

Digital Pressure Trans-
ducers

Digital Temperature
Transducers

Multiple Compressor
Controllers when required

