

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

