

MODEL XR900



RECAP®
Emissions Recovery System

// DATA SHEET

PERFORMANCE

- 228 HP
- 1,500,000 SCFD flow rate (max)
- Noise level: 75.8 dB/Time Weighted Average (TWA) @ Control Panel

COMPRESSOR

- 2 throw/3 stage air-cooled compressor
- 1440 psig max pressure

DRIVER

- 11.1L industrial engine rated at 228 HP @ 1800 RPM
- Inline Six Cylinder Turbocharged 673 Cubic Inches
- EICS Electronic engine control system
- Industrial grade exhaust silencer
- Electronic governor controlled
- Standard 24V starter w/ battery/alternator system
- Rich Burn
- Engine-driven radiator

PROCESS PIPING & VESSELS

- Manual cold gas recycle valve
- Stainless-steel braided flexible piping for process gas
- Suction: Vertical 10" OD 425 psig MAWP @ 150F
- 1st Interstage: Vertical 10" OD 425 psig MAWP @ 150F
- 2nd Interstage: Vertical 10" OD 900 psig MAWP @ 150F
- Designed to ASME Section VIII, Division I Code Stamp with National Board Registration.
- Automatic liquid level control system
- High level shutdown
- Manual drain valve

COOLER

- Air-cooled, forced draft, electric fan powered via alternator
- Programmable individual interstage temperature control
- Finned Tube type high efficiency



WEIGHTS & DIMENSIONS	ON TRAILER	OFF TRAILER
WEIGHT (LBS)	23,500	17,000
DIMENSIONS (IN)	360 L x 102 W x 126 H	234 L x 95 W x 90 H

SAFETY

- Process safety valves (PSV) sized for max flow at design pressures.
- PSV relief piping to atmosphere above head height

PACKAGING

- One-piece smooth steel deck plate
- All piping mounted on stand-offs
- Environmental rails around perimeter coming to four drain points
- Lockable battery box and disconnect
- Trailer mounted for mobility

CONTROL SYSTEM

- FW Murphy GEN 1 Control System Evolution control panel
- Shock mounted inner panel
- Shutdown interlocks and sensors

STRAIGHT-LINE™ PERFORMANCE

