

**MODEL XR1800**



**ReCAP®**  
Emissions Recovery System



WEIGHTS & DIMENSIONS	ON TRAILER	OFF TRAILER
WEIGHT (LBS)	39,000	N/A
DIMENSIONS (IN)	636 L x 102 W x 133 H	N/A

**// DATA SHEET**

**PERFORMANCE**

- 56 HP
- 3,000,000 SCFD flow rate (max)
- Noise level: 65.8 dB/Time Weighted Average (TWA)  
@ Control Panel

**COMPRESSOR**

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

**DRIVER**

- (2) 11.1L industrial engines, each 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

**COOLER**

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

**PROCESS PIPING & VESSELS**

- Manual cold gas recycle valves
- Stainless-steel braided flexible piping for process gas
- Suction: (2) Vertical 10" OD 425 psig MAWP @ 150F
- 1st Interstage: (2) Vertical 10" OD 425 psig MAWP @ 150F
- 2nd Interstage: (2) 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 shutdowns
- Manual drain valves

**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**

