

# MODEL XR1800



# ReCAP™

Emissions Recovery System



## // DATA SHEET

### PERFORMANCE

- 3,000,000 SCFD flow rate (max)
- 456 HP

### 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

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

### 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

