

## MODEL XR300



# RECAP<sup>®</sup>

Emissions Recovery System

### // DATA SHEET

#### PERFORMANCE

- 432,000 SCFD flow rate (max)
- 150 HP

#### COMPRESSOR

- (2) 4 throw/4 stage air-cooled, direct drive continuous duty compressors
- 1440 psig max pressure

#### SAFETY

- Pressure safety valves for inlet system and each stage of compression
- Independent fast response overpressure ESD valve
- Manual ball valves at customer pipe
- Check valves at compressor discharge and customer live pipe
- Unloaded start system
- Automatic interstage condensate drains
- Class I Div 2 electrical and control systems
- EXP electrical junction boxes
- IP 55 , TEFC , Class F/B drive motors

#### INLET GAS SYSTEM

- 2" piping
- Vertical scrubber: 24" OD x 36" S/S x 200 PSIG MAWP @ 150F/-20F
- Designed and code stamped to ASME Section VIII, Division 1
- Hydrotested to 1.3 x MAWP
- (3) level control switches
- Pressure safety valve
- Liquid level gauge

#### DRIVER

- (2) 480V/3 ph/60 Hz continuous duty electric motors, each rated at 75 HP [55 kW] @ 1800 RPM



| WEIGHTS & DIMENSIONS | ON TRAILER            | OFF TRAILER         |
|----------------------|-----------------------|---------------------|
| WEIGHT (LBS)         | 16,000                | 10,000              |
| DIMENSIONS (IN)      | 240 L X 102 W X 114 H | 140 L X 92 W X 75 H |

#### PACKAGING

- Weather, sound attenuated enclosure
- Multiple access doors with Class 1 Div 2 rated fans and intake air louvers
- Trailer mounted for mobility

#### CONTROL SYSTEM

- FW Murphy Centurion C5 control panel
- Control system monitors all critical systems (system voltage, enclosure LEL, inlet system pressures and temperatures, interstage pressures and temperatures, compressor oil pressure)
- Automated start / stop system

#### STRAIGHT-LINE™ PERFORMANCE

