



## SCUF™ FLARE 360

MPC Kinetic's patented SCUF and Flare system allows operators the ability to continue standard clean out operations using the SCUF™ but with the addition of a flare.

The flare is combined with a storage tank to reduce the number of loads required and provide a stable platform for the flare stack and blower system. This system can handle total gas flow rates up to 6.0 MMSCFD.

Blowers draw gas and air from the SCUF™ and force this through to the flare stack where it is flared. Positive air flow from the blowers ensure positive exit velocities exist at the flare tip to eliminate burn back.

Where a large volume event occurs, such as an unload, the vents open releasing any excess pressure.

### SAFETY FEATURES

- Operators are now able to burn/flare gas instead of venting
- Due to the use of blowers positive exit velocities are maintained at the flare tip to eliminate burn back
- Flash back arrestors are installed in the system
- Burst discs are installed in the system to disperse any overpressure event occurring inside the pipe work
- Blowers draw gas and air from above SCUF™ screens, but below vents to force through flare stack which ensures positive exit velocities exist at the flare tip to eliminate burn back
- When large volume event occurs, pressure relief vents open to release excess pressure

### ENVIRONMENTAL BENEFITS

- Emissions monitoring (kg/hr CH<sub>4</sub>)
- Burns rather than venting gas into the atmosphere significantly reducing methane emissions

### MACHINE SPECIFICATIONS

Power Requirement – 250 kVa generator

Maximum gas capacity – 6.0 MMSCFD

Water storage capacity – 330 bbl

Dimensions – 14.5m (L) x 3.0m (W) x 4.5m (H)

Aggregate Trailer Mass – 31 tonne