

# TECHNICAL SPECIFICATION

## Vacuum System

Stork's vacuum system provides a safe and effective waste transfer solution for the uplift and transportation of sand/ludge from vessels and tanks.

The vacuum system is compact, easy to operate, and powerful enough to perform effectively in industrial environments. Removing up to eight times more waste per hour than traditional methods, the system reduces physical exertion and the requirement for confined space entry. The system can vertically lift up to 23 metres, is ATEX compliant for zone 2 hazardous areas and certified to DNV 2.7 - 1.

### Service:

- Transported ambient temperature from -20 to +40 °C

### Operating specification:

- Temperature range 0 to 40°C
- Maximum vacuum: 900m bar (abs)
- Optimum flow rate: 1143m<sup>3</sup>/hr at 900mbar (abs)
- Vacuum relief valve set at 880mbar (abs)
- Dresser roots dry vac pump
- Fuel tank capacity: 300 litres

### Connections:

- Suction line 100 mm Camlock
- Outlet waste: 4" butterfly fly valve
- Tank crain down: 1.1 / 2" BSPP (F).
- Cyclone drain down: 1.1 / 2" BSPP (F)
- Yellow alert 24v or 110v

### Typical applications:

- Sludge removal
- Crude oil tank cleaning
- Sand transportation

