The Hunting Cyclonic Wellhead Desander offers a robust high pressure solids management solution upstream of the choke manifold during well testing, frac-flowback and well clean-up operations.

Cyclonic de-sanders have a high efficiency of separation at high flow-rates with minimal pressure drop and can handle both a wider range of particle sizes and larger volumes of solids when compared to sand filters.

The cyclonic separator element is engineered from a highly wear-resistant alloy, is designed to be the only component potentially exposed to erosion and is simple to replace during operations if required.

The Hunting Cyclonic Wellhead Desander features a dual pot system which allows continuous sand separation and dumping by switching flow from one vessel to the other.

The Hunting cyclonic technology has been independently flow loop tested to verify solids separation performance.

See overleaf for technical information.
# TECHNICAL INFORMATION

## Cyclonic Wellhead Desander

<table>
<thead>
<tr>
<th>Product Code</th>
<th>CWD</th>
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</table>

| Model         | Hunting CWD 10K          |
| Service       | H2S                      |
| Fluid Class   | DD                       |
| Working Pressure psi [bar] | 10,000 [690]          |
| Working Temperature °C [°F] | -29 [0] up to 180 [350] |
| Sand Storage Volume, liter | 2x 200 liter             |

**Flow Capacity**

- **Gas**, Mmscf [m³ / day]: 50 [1,500,000]
- **Oil**, bbls /day: 5000

**Standard Connections**

- **Unit Inlet**: API Flange 4-1/16” 10K
- **Cyclone Inlet**: API Flange 3-1/16” 10K
- **Drain**: Union 2” Fig. 1502

**Operational Footprint, LxB cm**: 244 x 244

**Transport Size, LxBxH cm**: 6025 x 244 x 244 (20ft Container Skid)

**Weight, kg [lbm]**: 16,000 [20,944]

**Certifications**

- **Design**: Type Approval
- **Manufacturing**: Declaration of Conformity
- **Documentation**: Quality File

**Applicable Codes**

- PED 2014/68/EU
- ASME B31.3
- ASME VIII div.2
- API 6A
- NACE MR 01-75 (ISO 15156-1,-2)
- DNV 2.7-1

**NOTES**

1. Flow capacity is dependant on many factors. Please contact Hunting for advice.
2. Connections cross-overs can be added as per customer requirements.