

# Well Testing – Maverick 5500



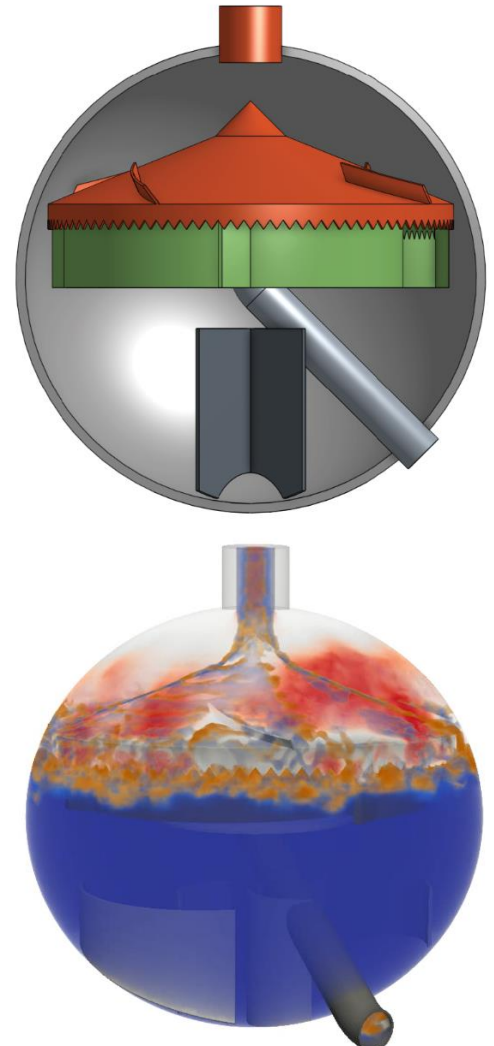
## Maverick 5500 Specifications:

- Internal Diameter 48"
- Thickness 4"
- Pressure Rating 5,500 psi
- Weight 13,300 lbs
- Sand Capacity Between Dumps 500 lbs
- Skid Dimensions (L-W-H) 7'-5.2'-7.8'
- Temp Range -40 to 212 (F)
- H2S / NACE Compliant
- 3" Down-comers Included
- 3" Adapters on all Connections
- ASME Sec VIII Div 1 Coded – Manufactured by Sandtinel
- Performance Range Mostly Depends on Water Cut, BFPD, Sand Particle Size and Gas Rate – Ask for a CFD Estimate
  - Up to 10,000 BFPD & 25mmscfpd of Gas
  - Ask Your Rep for an Estimate of Performance
- Less maintenance and wear than competitor designs
- Less emissions with a better dumping efficiency than competitors, contributing to your ESG objectives



## Maverick 5500 Operating Features:

1. Top Inlet, Spiral Dome & Saw-Tooth Edge – Patented Newest Design
  - Inlet at the top gives an equal distribution of product around the spiral dome allowing for even better separation of liquid, gas and solids
  - The saw-tooth edge cuts the surface tension at the gas interface allowing it to bleed off from the vapor locked region
  - Removing the gas temporarily creates a vapor lock, slowing down the liquid and sand substantially, allowing for greater separation times which improves overall sand separation and provides for slug mitigation
2. Vortex Breaker – Sand Lock 1 Patent Pending
  - Designed to break-up and block vertical re-circulation patterns in the vessel that can cause sand carryover at high fluid rates
3. Inner Ring & Weir
  - The inner ring helps to manage the interface of the liquid/gas
  - Angular Oil Channels has multiple orthogonal and directionally changing plates that strip the oil of sand before it leaves the vessel
  - Particularly good in low water cut scenarios where other sand separators do not perform as well – ask your Greene's contact for more information



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For more information, please contact:

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