ABOUT WOODFIELD

Woodfield Systems is a premier design, manufacturing, sales & service organization providing customized bulk fluid handling and safety access solutions for loading and unloading product in the oil & gas, chemical, petrochemical, cryogenic and aviation sector.

Woodfield Systems manufactures loading arms, safety access systems, floating suction unit and metering/processing skid systems integrated into a complete solution to meet the needs of our clients.

Woodfield Systems has a state of the art engineering and manufacturing facility in India, United States and Europe with sales offices across the world. These facilities allow for immediate response to any customer’s needs, regardless of their location in the world.


FLOTTING SUCTION UNIT

- Single or double arm design
- Designed for horizontal or vertical above or underground storage tanks
- To draw of clear product near the top of the liquid level to provide constant high product quality without additional filtering
- Used as a drain system for floating roofs
- Industry sectors: storage tank farms in the petrochemical and chemical industry, aviation fuel storage tank farms
- Sizes of 2” to 24”
- Materials: aluminum, stainless steel, specialty alloys
- State of the art swivel joint technologies & designs to suit each application
- Accessories for improved handling and to monitor the FSU during operation

Swivel Joints:
- Various models available to suite the service
- Single race or dual race
- Single split flange, dual split flange
- Hardened raceways
- Stainless steel, Carbon steel, Aluminum, Special alloys as above
- All “Styles”

Capabilities include:
- Onsite service, commissioning and training
- FAT, SAT
- Certified TIG and MIG welding
- Robotic welding
- CNC profile cutting
- In-house hydro test, X-ray, dye penetrate, shot blast and painting
- In-house CNC machining
- In-house swivel joint testing
- 3D modeling for design and detailing
- Finite Element Analysis (FEA)
- Computational Fluid Dynamics (CFD)
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