

WOODFIELD

Safe Hands

LOADING ARM SOLUTIONS



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 and metering/processing skid systems integrated into a complete solution to meet the needs of our clients.

Designed and manufactured by an experienced team of dedicated engineers, and backed by an experienced international sales force, Woodfield Systems has created a strong base of loyal customers in the oil, gas and chemical transportation sector in the Middle East, Far East, Indian Sub-continent and the CIS.

As our products, services and capabilities expand, so does our international reach. Woodfield Systems has a state of the art design, engineering, and fabrication facility both in India, and in the United States. These facilities allow for immediate response to any customer's needs, regardless of their location in the world. We continue to expand our sales and support channels into other international markets through partnering with strong ambitious companies that share our passion for achieving excellence through honesty, integrity and devotion to providing the best total solution for our clients.

With an inherent culture for product and service development backed by an **ISO 9001:2008, ISO 14001:2004, BS OHSAS 18001:2007, PED:CE and AD 2000-Merkblatt HP0/DIN EN ISO 3834-2** Integrated quality management system and a passionate leadership team, Woodfield Systems will continue to keep all our clients and team members "in safe hands"...

WOODFIELD PRODUCTS AND SERVICES

Top and Bottom Loading Arms

- Truck, rail car and barge loading and unloading
- Industry sectors: Oil & Gas, Chemical, Cryogenic, Industrial, Aviation.
- Balancing options: Counterweight, compression spring, gas strut, hydraulic or pneumatic
- Materials: Carbon steel, aluminum, stainless steel, specialty alloys (monel, inconel, hastelloy, duplex and super duplex stainless-steel, 904l), PTFE lined construction
- State of the art swivel joint technologies & designs to suit each application
- Accessories include ground monitoring, high level detection, local control panels, vapor recovery, hoses, couplers, dry disconnects, breakaways, emergency shut-down, steam jacketing, electrical heat tracing and insulation

Swivel Joints:

- Single race, dual race, triple race
- Single split flange, dual split flange
- Independent performance certification
- Hardened raceways
- Carbon steel, aluminum, stainless steel, special alloys as above
- All "Styles"



Safe Access Systems:

- Folding stairs and gangways in aluminum, carbon steel, stainless steel and fibre glass
- Safety cages in aluminum and stainless steel
- Spring balanced, pneumatic or hydraulic operation
- Tracking gangway systems: manual or powered

Floating Suctions:

- Fixed reach or "scissor" style for above- or below-ground storage tanks
- 2" to 12" in aluminum, stainless steel or special alloy

Metering and Pump Skid Packages:

- Coriolis, PD and turbine meters
- Custody transfer systems
- Batch controller/preset or flow computer controlled
- LPG, NH3 and cryogenic with vapor recovery
- Meter prover connections
- System integration
- Electric, hydraulic or engine driven pump units
- Centrifugal, PD, progressive cavity pumps
- FAT, SAT



Capabilities include:

- Onsite service, commissioning and training
- FAT, SAT
- Certified by TUV as ISO 9001:2008, ISO 14001: 2004, OHSAS 18001:2007, PED:CE 97/23/EC & AD 2000-Merkblatt HP0/DIN EN ISO 3834-2
- 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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Safe Hands

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Let Woodfield Systems Complete the Solution



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