

# Ship and Barge Unloaders

## FLSmidth has Solutions for *Any* Application



### Road Mobile

- Self-contained for use at multiple locations
- Standard design for expedited delivery
- Low-to-medium capacity unloading from river barges and small ships (up to 5,000 DWT)



### Stationary

- For use where dock obstructions prohibit movement
- Multiple systems reduce ship movement time
- Low, medium or high-capacity unloading from barges or ships (up to 50,000 DWT)



### Barge Mounted

- Fully self-contained with diesel or shore power
- Unaffected by water level fluctuations
- Towable for use at multiple terminals
- Medium-to-high-capacity unloading from medium and large ships (up to 50,000 DWT)



### Dock Mobile

- Unrestricted movement over entire dock area
- Can be moved off dock, if necessary
- Self-propelled or towable
- Reduced vessel movement
- Low, medium or high-capacity unloading from barges or ships (up to 50,000 DWT)



### Coarse/Abrasive Materials

- Stationary or mobile
- Vacuum unloading with direct discharge to mechanical conveying system
- For materials not suitable for pressure conveying (lime, alumina, pet coke, grain, etc.)
- Low, medium or high-capacity unloading from barges or ships (up to 50,000 DWT)



### Gantry Mobile

- Unrestricted movement at constant distance from vessel
- Fully self-contained with diesel or shore power
- On-board compressors for single pipeline connection
- Reduced vessel movement
- Low, medium or high-capacity unloading from barges or ships (up to 50,000 DWT)



### The DOCKSIDER™ High-Capacity Barge Unloader

- Modular design for placement on dock or work barge
- Pre-packaged electrical/machine room
- Filters integrated into transfer vessels – no filter receiver required!
- Standardized equipment design for expedited delivery
- Up to 350 TPH unloading capacity from river barges