

## MOVE BEYOND THE LOADING ARM. KEEP YOUR TERMINAL RUNNING.

Purpose-built for inland and coastal bulk-liquid terminals: lower cost, faster procurement, and measurably safer operations.



### EXECUTIVE SUMMARY

The Marine Terminal Reel (MTR) delivers a simpler, more reliable alternative to conventional marine loading arms, one that eliminates working-at-height exposure and reduces leak, spill, and fire risk at the marine terminals. It cuts terminal downtime by 80%, and when repairs are needed, they are completed three times faster at 83% lower cost than with a conventional arm. Procurement lead times are roughly half those of a conventional arm, and smarter hose management extends hose service life by 3-6 years, reducing total cost of ownership and operational risk across the equipment's entire lifecycle.

Designed, engineered, and manufactured in Texas, REELPOWER Marine & Energy provides local support to major U.S. marine terminal hubs and serves terminals across North America and globally.



**SAFER OPERATIONS**

**LESS DOWNTIME**

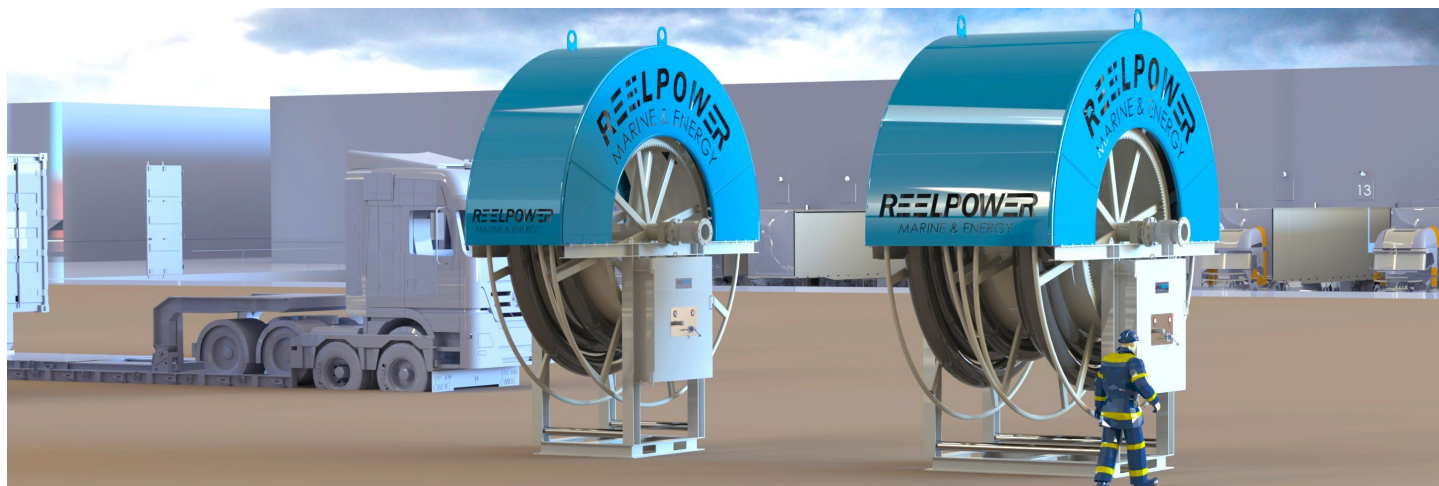
**LOWER TOTAL COST OF OWNERSHIP**



**80%****LESS DOWNTIME**  
vs. conventional loading arms**83%****LOWER REPAIR COST**  
~\$50K est. vs. ~\$300K per arm**3X****FASTER REPAIR**  
<1 week vs. >3 weeks

## KEY TECHNICAL FEATURES & SPECIFICATIONS

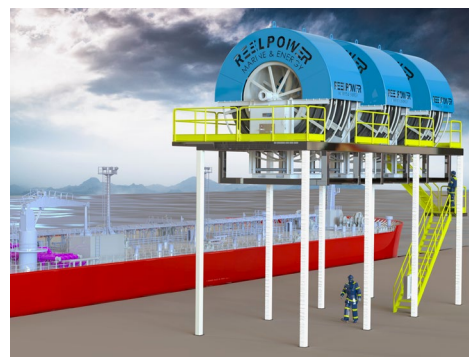
| SPECIFICATION        | VALUE / DESCRIPTION                                                                                                                                                                                          |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hose Inside Diameter | 8 inches (203 mm) — standard; other diameters also available                                                                                                                                                 |
| Hose Length          | 75 ft (22.9 m) — standard; custom lengths available.                                                                                                                                                         |
| Working Pressure     | 150 psi at ambient temperature — standard; higher ratings available on request                                                                                                                               |
| Deployment Time      | ~3 minutes (full deployment)                                                                                                                                                                                 |
| Retrieval Time       | ~2 minutes (full retrieval)                                                                                                                                                                                  |
| Availability Target  | 99.5%, including scheduled hose replacement                                                                                                                                                                  |
| Hose Constructions   | Stainless steel, rubber, or composite, selected to suit the cargo                                                                                                                                            |
| Applications         | Inland and coastal terminal bulk-liquid loading and unloading of crude oil, condensate, refined products, chemicals, and heated cargoes such as bitumen and asphalt.                                         |
| Manufacturing Origin | 100% Made in America — designed, engineered, and manufactured in Texas, USA                                                                                                                                  |
| Available Options    | Explosion-proof motors (Class I Div 1/2), PLC controls, wired or wireless remote pendant controls, automated tensioning, full marine coatings. Heat tracing available on request for high-viscosity cargoes. |



## ABOUT REELPOWER MARINE & ENERGY, INC.

REELPOWER Marine & Energy, Inc. (RPME) is a Houston, Texas-based manufacturer of reel-based fluid transfer systems for the marine and energy industries. Our products are designed, engineered, and manufactured in Texas, USA — delivering the quality and reliability that demanding marine terminal and offshore environments require.

The MTR Marine Terminal Reel represents RPME's expansion of proven offshore reel technology into the bulk-liquid terminal market — bringing decades of offshore engineering experience to the marine terminals.



**REELPOWER**  
MARINE & ENERGY



Learn More &  
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