

# Offshore Loading Stations

## Innovative Flexible Material Spooling & Coiling Solutions

ISO 9001:2008 CERTIFIED



### LONGEST HOSE LIFE AVAILABLE

- » 4 times longer hose life
- » Minimizes UV exposure
- » Minimizes chance of kinking, impact & hang-ups to hose

## World's Most Compact Loading Stations

Offshore Loading Stations are designed to provide reliable, safe and efficient fluid transfer in various offshore applications. These systems can improve efficiency and safety on jack-ups, semis, drill ships, TLPs and FPSOs – any Offshore vessel where fluid and dry products are loaded from a service vessel. Loading stations are safer, more environmentally safe and extend hose life when compared to present deployment methods. Applications typically include transfer of bulk drilling materials such as bentonite, barite, dry cement and liquids like potable water, drill water, diesel oil, liquid mud, brine, sludge, dirty drain, etc.

**Reel Power also offers systems designed for sea water (raw water) delivery and pre-loading operations on offshore vessels.** Other products include drill line spoolers, wireline/slickline units, specialty spoolers, and winches.

**37%** Smaller Footprint

**20%** Lighter Weight than Competitors

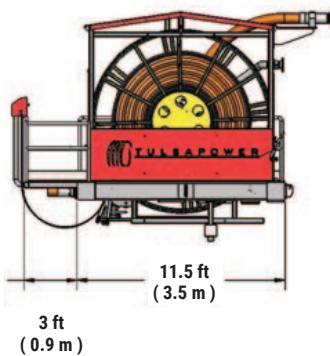
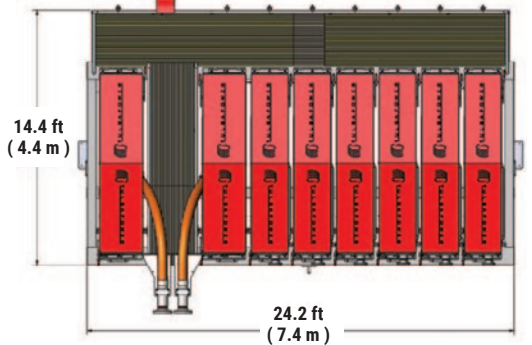
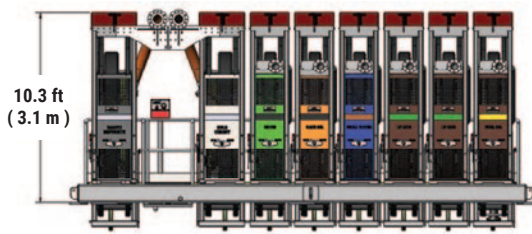
### SAFEST MEANS FOR STORING AND DEPLOYING HOSE

- » Neat and safe hose storage
- » Minimizes trip hazards and deck space usage
- » Powered deployment and retrieval
- » Minimizes manpower and operator exposure

### MOST ENVIRONMENTALLY SAFE LOADING OPERATION

- » Decreases chance of spills
- » Minimizes hose breaks and failures
- » No need to break and make connections
- » Ready access to hose ends during deployment

**REELPOWER**  
MARINE & ENERGY



#### Power Requirements

Pneumatic	140 cfm @ 80psi
Electric	5HP, 480V/60Hz/3ph

(Dimensions above for a 8 reel, 180ft (55m) system)

	180 ft Hose Capacity (55 m)				400 ft Hose Capacity (122 m)			
	3	5	8	10	3	5	8	10
Weight (kg)	7167	11,249	17,373	21,455	8526	13,455	20,847	25,775
Weight (lbs)	15,800	24,800	38,300	47,300	18,798	29,663	45,960	58,825
Length (m)	4.9	5.5	6.1	6.8	4.9	5.5	6.1	6.8
Length (ft)	19.4	21.8	24.2	26.6	19.4	21.8	24.2	26.6
Depth (m)	2.9	2.9	2.9	2.9	3.4	3.4	3.4	3.4
Depth (ft)	11.5	11.5	11.5	11.5	13.5	13.5	13.5	13.5
Height (m)	3.4	3.4	3.4	3.4	3.9	3.9	3.9	3.9
Height (ft)	13.2	13.2	13.2	13.2	15.2	15.2	15.2	15.2

(Dimensions & Weights are approximates for most common size LS)

### Loading Station Benefits:

- » Innovative patent pending design makes the Reel Power Loading System the most compact and lightweight in the world.
- » "Drop - In - Reels" are easily removable, maintainable and interchangeable
- » Self-Lubricating, high strength, low corrosion composite gear offers easily replaceable sections
- » Low torque drive components are easily accessible and offer long life
- » System bulkhead allows easy make-up to existing loading systems piping
- » Improved hose life with near complete UV protection
- » Most complete hose solution with break-away coupling, swivels and low profile floatation. Break-away fitting provided when appropriate.
- » Innovative drive system passively locks each reel position when not in use
- » Rotating components are fully guarded
- » Walkway on water side allow clear viewing of operation and easy access to hose end
- » Corrosion resistant drip pans are under all risk areas. Retractable drip pan below the hose ends.
- » Single point lifting offers easy installation on new or existing vessels

ReelPowerME.com



### WE SOLVE DEEPWATER PROBLEMS

Our goal is to identify challenges, design innovative solutions and manufacture quality products that solve your deepwater problems. Our business is saving you time and money.

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