

# Sala Roll Pump

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## Sala Roll Pump - Advanced Peristaltic Pump System

Introducing the Sala Roll Pump, an innovative portable pumping solution equipped with a patented peristaltic pump design, delivering super suction capabilities. Originally designed for shoreline and pipeline oil spill cleanup, this versatile pump has proven its mettle in handling high-viscous, abrasive, and debris-laden liquids. Its exceptional durability, unlimited discharge capability, and portability make it a go-to tool for various applications, including chemical spills, submerged oil recovery, high-viscous skimmer offloading, and industrial, marine, and offshore tank cleaning. In addition, it presents a cost-effective alternative to expensive vacuum trucks.

### Key Features:

- 1. Super Suction Technology:** The Sala Roll Pump sets itself apart with an extraordinary super suction feature, allowing it to efficiently process high-viscous, abrasive, and debris-laden liquids. Its impressive debris tolerance of 37 mm (1 ½”) solids makes it particularly effective for pumping debris-laden viscous oil.
- 2. Versatile Applications:**
  - *Shoreline/Pipeline Oil Spills:* Originally developed for this purpose, the Sala Roll Pump excels in the challenging task of oil spill cleanup.
  - *Chemical Spill Clean Up:* A reliable solution for handling chemical spills efficiently.

- *High Viscous Skimmer Offloading*: Perfect for transferring high-viscous liquids with ease.
- *Tank Cleaning*: Offers effective cleaning solutions for industrial, marine, and offshore tanks.
- *Submerged Oil Recovery*: Engineered to recover oil from submerged locations.

### 3. **Peristaltic Pump Technology:**

- *Flow Rate Options*: Choose from two configurations, delivering a flow rate of 9 m<sup>3</sup>/h (39 gpm) or 14 m<sup>3</sup>/h (61 gpm) based on your specific requirements.
- *Special Manufactured Hose*: The heart of the system is a specially manufactured hose compressed by a wheel mounted on a crankshaft.
- *Suction Mechanism*: Suction is created when the hose, driven by its own force, returns to its round shape.
- *Discharge Pressure*: The force of the wheel moving the media generates discharge pressure.

### 4. **High Vacuum and Low Speed:**

- The Sala Roll Pump's high vacuum capability and low speed enable efficient pumping of high-viscous, polluted liquids, and debris over 40mm (1 1/2") solids.
- Both the pressure wheel and the inside of the pump housing have a lining of soft material to prevent solid particles from

damaging the pump hose.

## **Deployment in Remote Areas:**

The Sala Roll Pump is designed with a perfect balance of handling weight and portability, allowing users to deploy the system in remote areas with ease.

Invest in the Sala Roll Pump - your advanced, portable, and reliable solution for tackling the toughest pumping challenges. Whether it's oil spills, chemical cleanups, or industrial tank cleaning, Sala Roll Pump stands ready to deliver outstanding performance.