

**PumpX**



# RollX Series RX50

The Latest Peristaltic  
Pump

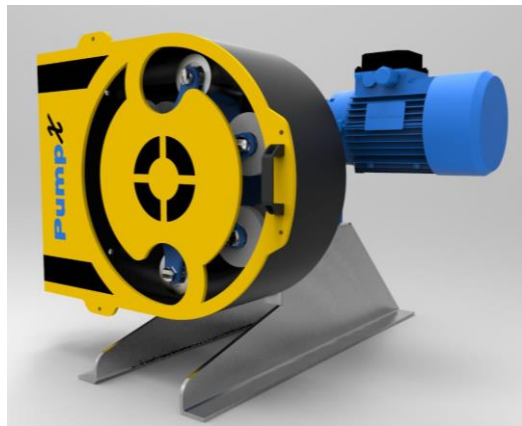
The **RX50** is a mid-range peristaltic pump from the **RollX** series adopting the roller technology. Due to the almost frictionless operation and design the **RX50** doesn't generate heat which increases the overall pump and hose life.

The innovative roller design in the **RX50** enables the pump in handling the toughest pumping challenges, including extremely abrasive and aggressive fluids, solid loaded liquids, as well as shear sensitive and very viscous materials in a wide variety of industries.

Being eligible for a wide range of modifications, the **RX50** could work on low rpm or high rpm when needed with the possibility of installing different motor powers based on the application.

## Typical Applications:

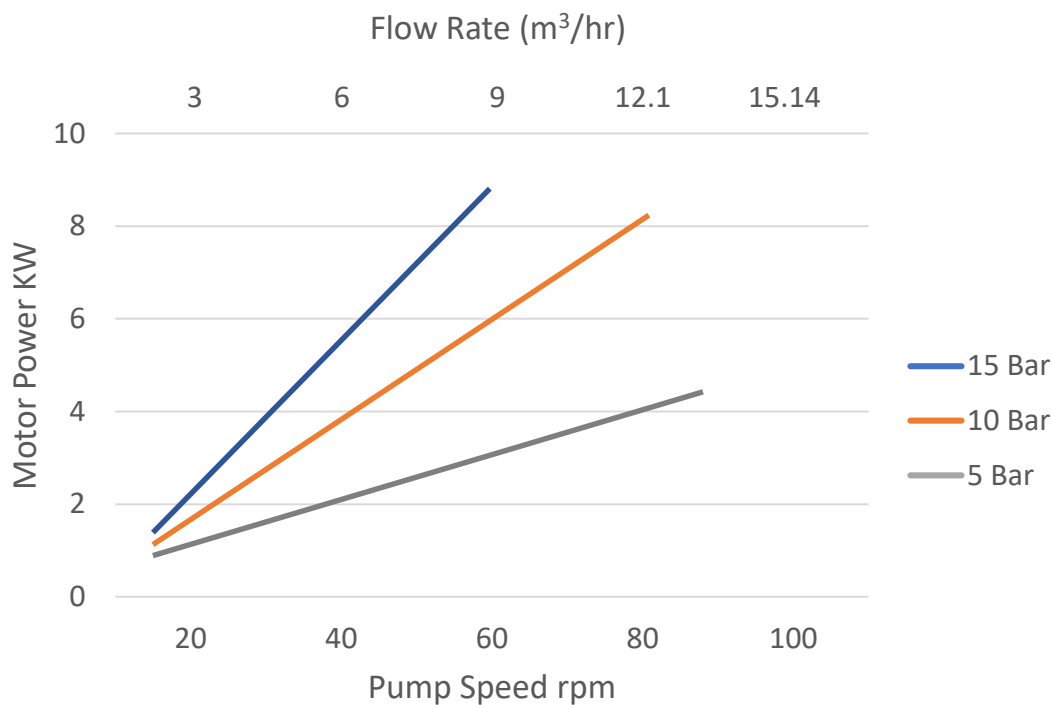
- Sludge & Slurry
- Foam Concrete
- Molasses
- Mining Waste
- Highly Corrosive Acids
- Industrial & Wastewater
- Many other applications



## FEATURES & BENEFITS

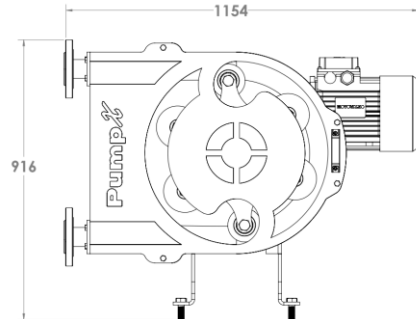
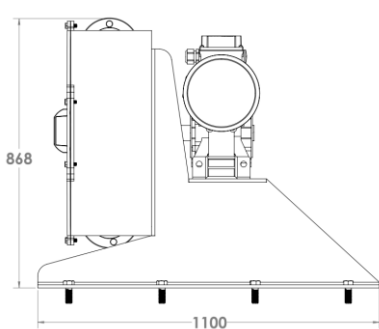
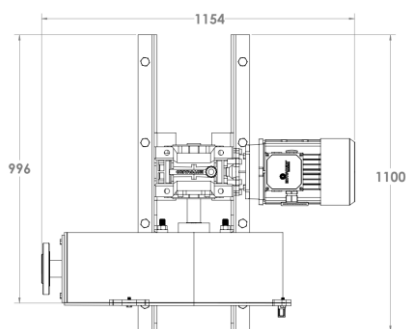
- **Seal-less design**  
No mechanical seal that can cause leakage.
- **Lowest operational cost with fast and easy maintenance**  
RollX pumps displace the medium in a hose, requiring only one component to be changed, which means that maintenance costs are considerably low.
- **Bi-directional flow**  
Reversible flow, suction and discharge
- **No mixing of the medium**  
Due to the peristaltic effect
- **Self-priming and continuous dry running**  
RollX pumps can self-prime up to 9 meters and run dry indefinitely.
- **Long service intervals**  
Wear resistant hose is the only part that is in contact with the medium.

# RX50 Performance Curve



## Technical Specifications:

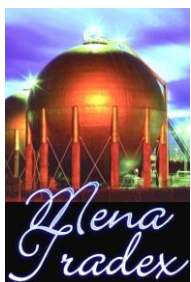
- Maximum Working Pressure ..... 12 Bar
- Maximum Operating Temperature ..... 100 °C
- Maximum Hard Solids ..... 15 mm
- Maximum Soft Solids ..... 35 mm
- Maximum Suction Lift ..... 9 meters (Based on the medium)
- Hose ID: 50    Hose OD: 80    Hose Length: 1820
- Hose Material could be .....NR, NBR, Hypalon/CSM or EPDM – (food grade or ATEX)



\*actual sizes may slightly vary based on motor and gearbox selection

The logo features a central grey star-like shape with six points, each ending in a circular loop. The word "PumpX" is centered within this shape. "Pump" is in a bold, yellow, sans-serif font, and "X" is in a black, serif font.

# PumpX



## **PumpX**

A **Mena Tradex** product  
20 Mohamed El-Mahdy St.,  
Ard El-Golf, Heliopolis,  
Cairo Egypt, 11341

Tel: +202-22910566 Fax: +202-2907401

Email: [pumpx@menatradex.com](mailto:pumpx@menatradex.com); [info@pumpx.me](mailto:info@pumpx.me)

[www.pumpx.me](http://www.pumpx.me)

[www.menatradex.com](http://www.menatradex.com)