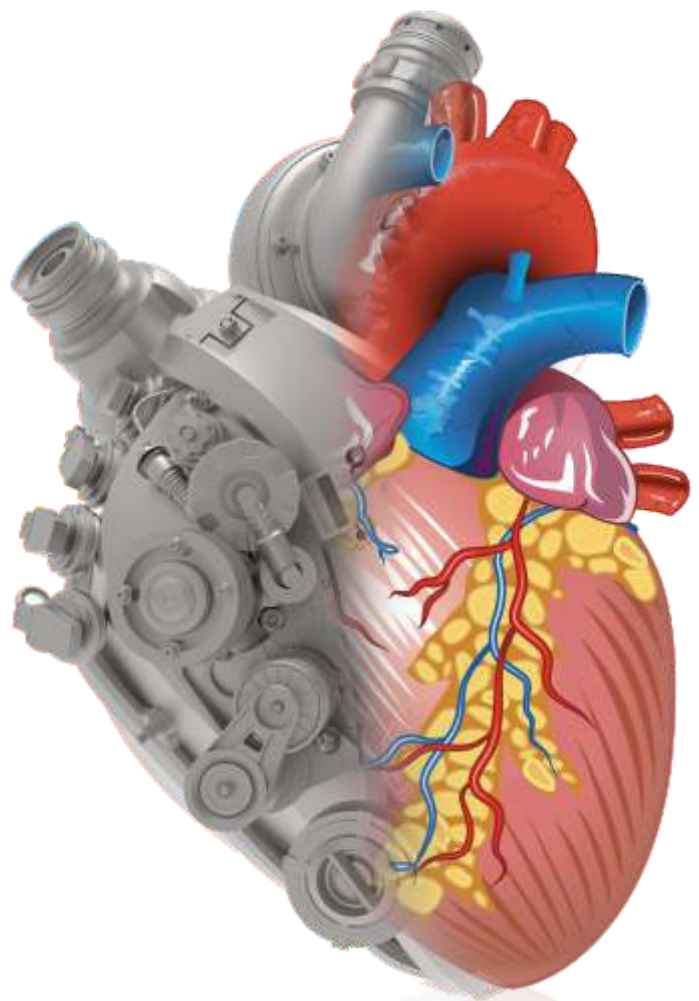


WE COMPETE
WITH ONLY
ONE PUMP



Over 5 Decades of
Providing Fluid Engineering
Excellence



Our Vision

To be a leading fluid engineering
solution provider globally



The pumping of the human heart is the unmistakable sign of life and vitality. Over the last half-century, Roto's pumping solutions have become an integral part of the vital force behind industrial processes. With our pumps at the heart of industries world over, we feel that we are always with you. Our heart beats for you.





A Genius ahead of his times

Mr. Gupta had extensively used progressive cavity pumps in his coal mine and was well aware of the nuisances from the user's perspective. In 1968, he created history by inventing a unique manufacturing process for machining the intricate profiled rotor, which is the heart of the progressive cavity pump. This technological innovation gave birth to Roto Pumps.

Mr. Gupta strongly believed in the "in-house" development of products and manufacturing technology as opposed to importing.

This philosophy translated into continuous investment in R&D and manufacturing infrastructure, enabling Roto Pumps to produce quality products at a competitive cost.

Mr. Ram Ratan Gupta
(04.02.1912 - 14.02.1981)
Founder

Message from the Chairman

Viewing things from a user perspective comes naturally to us; it is in our DNA and very close to our heart.

This defines us and differentiates us, not only as a manufacturer of high-quality pumps, but as a fluid engineering solution provider and an innovative process partner. This user perspective continues to inspire us to design and develop innovative products that drive down the life cycle cost of the pumps and improve the efficiency of customers' fluid handling processes.

The Ceaseless focus on learning & nurturing excellence across the organization, protecting the environment and fulfilling our social responsibilities continue to be our core values.

Each of us at Roto, derive our satisfaction when we satisfy our customers.

Mr. Harish Chandra Gupta
Chairman & Managing Director



R&D Centre

- Equipped with advanced design softwares for 3D designing, Structural analysis & CFD.
- In-house prototype manufacturing & testing facility.
- In-house physical and chemical lab.

Elastomer Unit

- Advance manufacturing infrastructure with an in-house polymer test lab.
- In-house compound formulations and preparation.
- In-house mould design and manufacturing.

Manufacturing Unit

- Equipped with state-of-the-art machine tools including 5 Axis CNC Machining centre.
- Sophisticated measuring instruments including coordinate measuring machine.
- SCADA based real time pump testing facility.

Fabrication Unit

- Automatic laser cutting machines.
- CNC bending machines.
- Real time monitoring and log management of welding jobs.

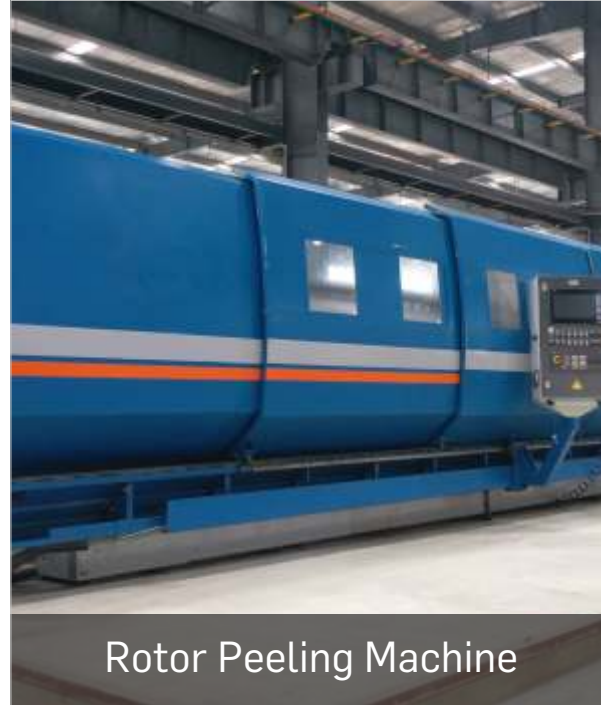


ISO 9001, 14001 & 45001 Certified.

Robust Infrastructure



Stator Injection Machine



Rotor Peeling Machine



TC Coating Facility



Hard Chrome Plating Facility



CNC Turning Machine



CNC Polishing Machine



Chemlock Coating Machine



Autoclave Curing Chambers

Engineering Excellence

Scada based real time pump testing facility



GLOBAL PRESENCE

Global Headquarters

Greater Noida, India

Roto Pumps Ltd. Australia

Melbourne

Roto Pumps GmbH

Laupheim, Germany

Roto Pumps (Malaysia) SDN Bhd.

Selangor, Malaysia

Roto Pumps Africa (Pty) Ltd.

Germiston, South Africa

Roto Pumps MENA FZE

Dubai, UAE

Roto Pumps North America Inc.

South Carolina, USA

Roto Pumps Ltd., UK

Manchester, UK



Distinctive Products

Progressive Cavity Pumps >>>

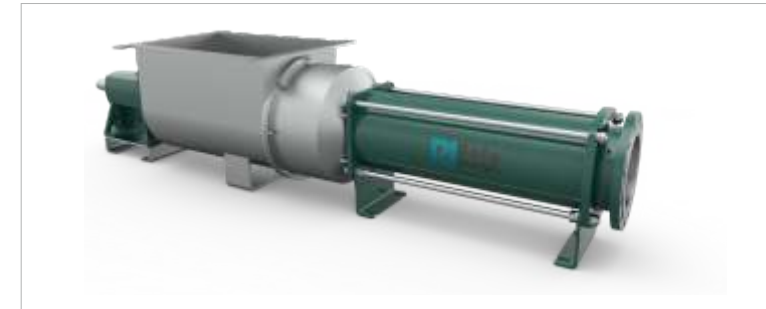


Capacity: Up to 500 m³/hr (2,200 GPM)

Pressure: Up to 48 bar (700 PSI)

Viscosity: Up to 3,000,000 cSt

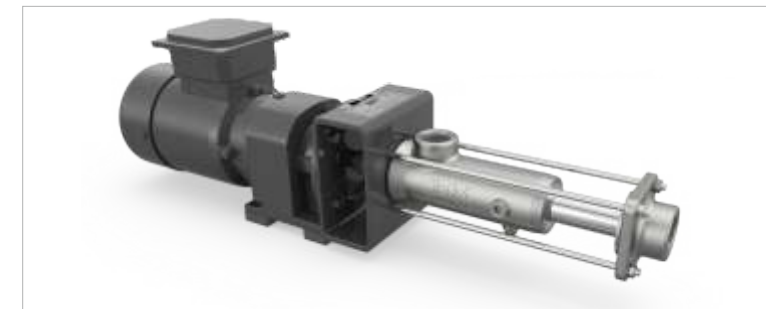
Roto Progressive Cavity Pumps are designed to handle free flowing viscous abrasive fluids for wide spectrum of applications. These pumps have single rotating element which helps in delivering uniform, metered and non-pulsating flow.



Wide Throat Pump



Food Pump



Dosing Pump



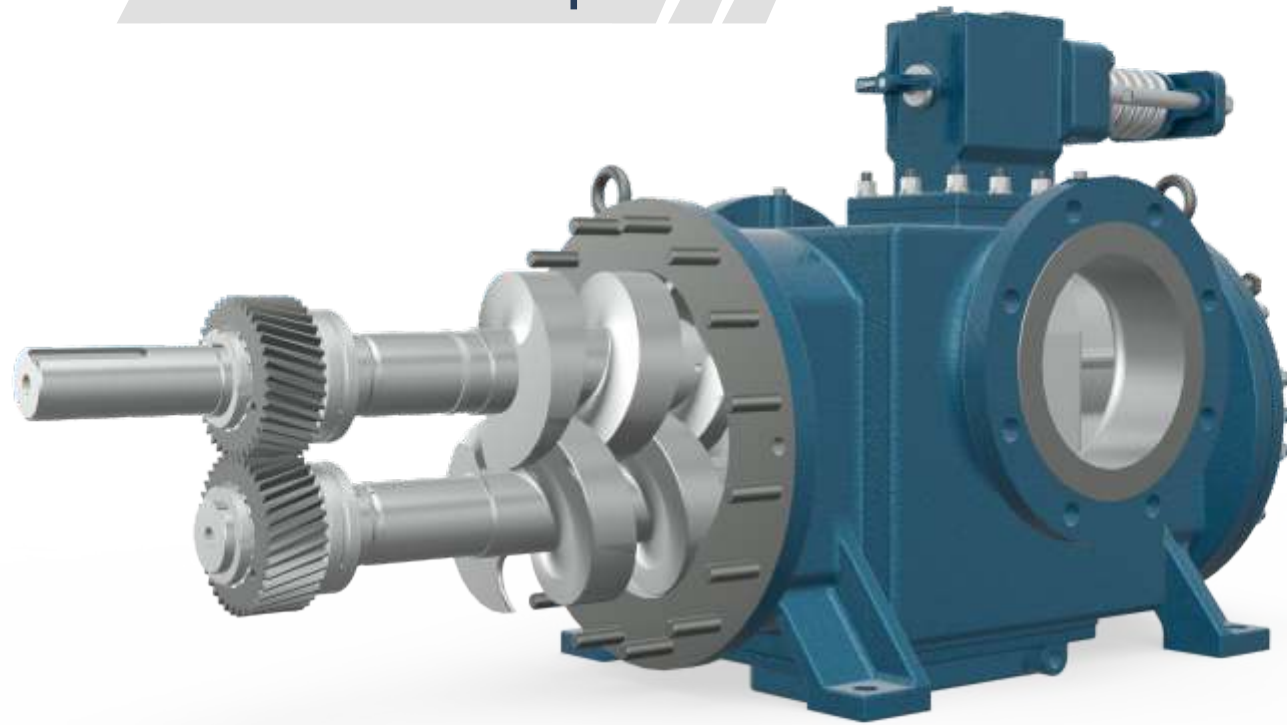
Roto KWIK Pump



Vertical Pump

Distinctive Products

Twin Screw Pumps >>>



Capacity: Up to 940 m³/hr (4,140 GPM)

Pressure: Up to 30 bar (435 PSI)

Viscosity: Up to 100,000 cSt

Roto Twin Screw Pumps are designed to handle wide variety of clear lubricating, non-lubricating as well as aggressive liquids. These self-priming pumps are capable of handling entrapped air, vapour and gas due to positive displacement action. Moreover, these pumps have in-built relief valve.



Long Shaft Steam Jacketed Pump



Short Shaft Pump



Long Shaft Pump



Vertical Twin Screw Pump

Distinctive Products

Down Hole PC Pumps >>>

Roto Artificial Lift - Downhole Progressive Cavity Pumps stand as a proven solution for artificial lift and are ideal for various fluid conditions. These pumps are built and tested as per ISO 15136 standards to give customers the promise of quality and reliability.

These Pumps easily handle highly viscous applications, including sand-laden heavy oil, coal bed methane (CBM), and medium to light oil applications.

Capacity : 4 - 300 m³/day (1056 - 79251 GPD)
Head : Up to 240 bar (3481 PSI)



Customized Fluid Engineering Solutions >>>



Roto has the unique ability to offer high-end customized solutions. These include either custom designed pumps to suit a specific pumping application or complete pumping systems - Pumping Skids, Dosing Skids, and Mining Station. Our Pumps can be customized with Diesel Engines, Hydraulic Motors, VFD's and various API Seal Plans – Plan 13, Plan 51, Plan 53B, etc.

Distinctive Products

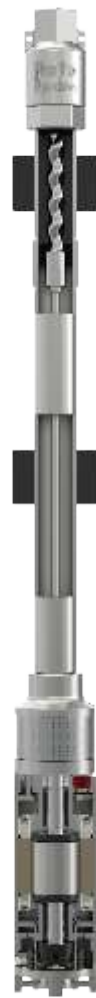
Solar Submersible Pumps >>>

“Roto Rudra” Solar pumping systems are designed to harness the power of sun with its innovative 10-pole Permanent Magnet Synchronized Motor (PMSM) motor and optimized pump-end. These Pumps are used for Drinking Water Supply, Irrigation, Farming Fisheries etc.

- Capacity** : 0.8 m³/h - 60 m³/h (13 LPM –1000 LPM)
- Head Range** : Up to 30 bar (435 PSI)
- Motor Power** : 0.5 HP – 10 HP



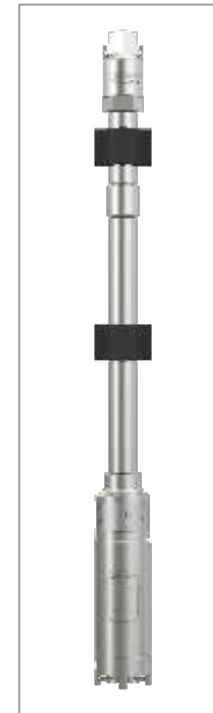
Solar Pump Controller



Helical Rotor Pump-set



Centrifugal Pump-set



PCP Pump with PMSM Motor



V4 Centrifugal Pump with PMSM Motor



V6 Centrifugal Pump with PMSM Motor



3" PMSM MOTOR



4" PMSM MOTOR

Diverse Applications Across Industries



Energy >>>

- Oil & Gas
- Nuclear Power
- Thermal Power
- Hydro Power
- Solar Power
- Biogas
- Coal Bed Methane



Environment & Agriculture >>>

- Municipal Wastewater
- Industrial Wastewater
- Water Treatment
- De-salination Plant
- Agriculture & Cattle Feed
- Construction & Tunneling



Defence, Marine & Shipbuilding >>>

- Submarine
- Navy
- Coast Guards
- Oil Tankers
- Commercial Liners
- Container Ships
- Ordnance & Defence Factories
- Floating, Production, Storage & Offloading



Chemical & Process >>>

- Paint & Varnish
- Paper & Pulp
- Viscose & Cellulose
- Adhesives & Sealants
- Polymers & Resins
- Inks & Dyes
- Petrochemicals
- Leather & Tanneries
- Textile
- Soaps & Detergents
- Carpet
- Wood Processing
- Fertilizer & Pesticides
- Rubber



Food & Pharmaceuticals >>>

- Dairy
- Bakery
- Sugar & Distillery
- Fruit Juice & Pulp
- Wine & Brewery
- Fish & Meat Processing
- Fisheries
- Fish Meal
- Edible Oil
- Pet Food
- Aroma & Flavours
- Starch & Glucose
- Pharma
- Herbal Products
- Cosmetics & Toiletries
- Catechu



Mining, Mineral Processing & Steel >>>

- Mining
- Ceramic
- Marble
- Metal Mining
- Explosives
- Mineral Processing
- Smelting
- Refractories
- Steel
- Clay
- Calcium Carbonate
- Coal Washeries

Winning Becomes a Habit

Recognitions

- Best Global Business Award
- Best SME in Global Outreach
- SME Business Excellence Award
- Engineering Goods Sector Award
- Export Excellence Award
- Star Performer Award



Delivering Excellent Service

24x7 Service Support

- Annual Maintenance Contract
- Pump Refurbishment
- Technical Support & On-site Training
- Roto Emergency Service Support
- Readily Available Spare Parts
- Installation Audit



We Care for Environment

Zero Liquid Discharge Plant

50% of our Energy needs met by the Solar Power Plant

Rainwater Harvesting



Being Socially Responsible

Govt. Junior School, Agahpur, Noida, UP, India

Continuous Upgradation of School Infrastructure to Ensure Quality Education for Underprivileged Children.

The Kalpatru Shiksha Kendra, Zewar, UP, India

Continuously Supporting the Educational and Athletic Development of 300+ Children including Uniforms, Shoes, Books and Stationery.

Shri. R.R. Gupta Memorial Scholarship Award

Recognizing the Efforts of Meritorious Children of Roto Employees by providing Scholarships for Higher Education.





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