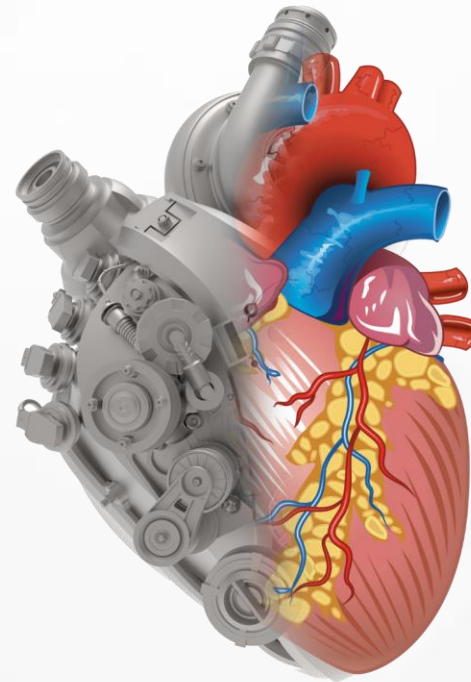


WE COMPETE  
WITH ONLY  
ONE PUMP

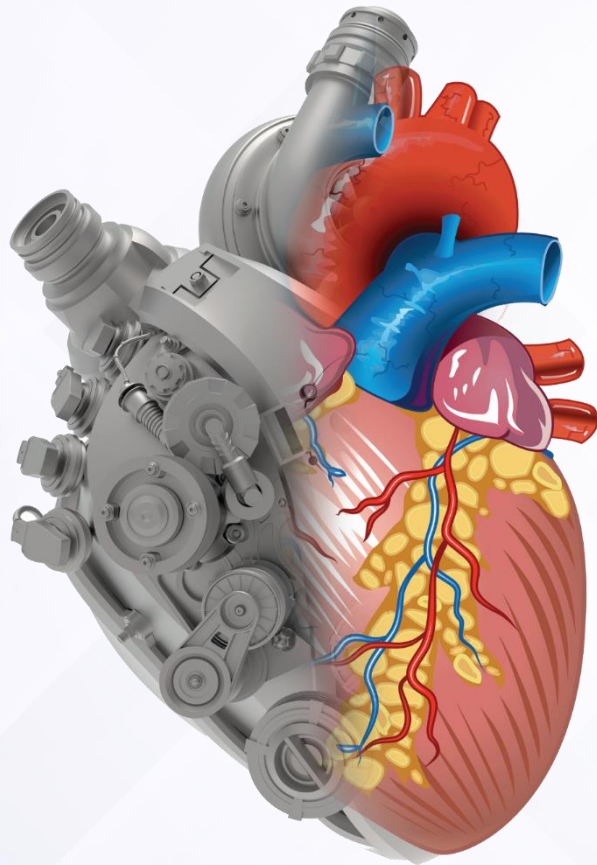


**Over 5 Decades of**  
Providing Fluid Engineering  
Excellence

# OUR VISION

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To be a leading Global fluid engineering solution provider



The pumping of the human heart is the unmistakable sign of the 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 via our pumps we are always with you. Our heart beats for you...

# GROWTH STORY CONTINUES



## 1968

Founded by Mr. Ram Ratan Gupta – Roto Progressive Cavity Pumps



## 1976

Launched our 2<sup>nd</sup> Generation Progressive Cavity Pumps



## 1980

Introduced Twin Screw Pumps in Technical Collaboration with Stothert & Pitt, UK



## 1988

Established 100% Export Oriented Unit in Noida, India



## 1994

Successful IPO Listed in Bombay Stock Exchange



## 1997

Established Captive Research & Development Centre in Noida, India



## 1998

Launched 3<sup>rd</sup> Generation Extra Value Cardan Joint Pump



## 2000

Started 1<sup>st</sup> Overseas Establishment in Australia



## 2004

Commenced 2<sup>nd</sup> Overseas Establishment in the UK

# GROWTH STORY CONTINUES



## 2008

Penetrated in International Oil & Gas Sector



## 2011

Entered in Commercial Marine & Defense Sector



## 2014

Established New Manufacturing Plant at Greater Noida, India



## 2015

Established 1<sup>st</sup> Overseas Subsidiary Company in USA



## 2016

Established 2<sup>nd</sup> Overseas Subsidiary Company in South Africa



## 2017

Successfully Launched Range of Gear Pumps & Air Operated Diaphragm Pumps



## 2018

Government Recognized R&D Centre Noida, India



## 2019

Established 3<sup>rd</sup> Overseas Subsidiary Company in Germany



## 2020

Established 4<sup>th</sup> Overseas Subsidiary Company in Malaysia

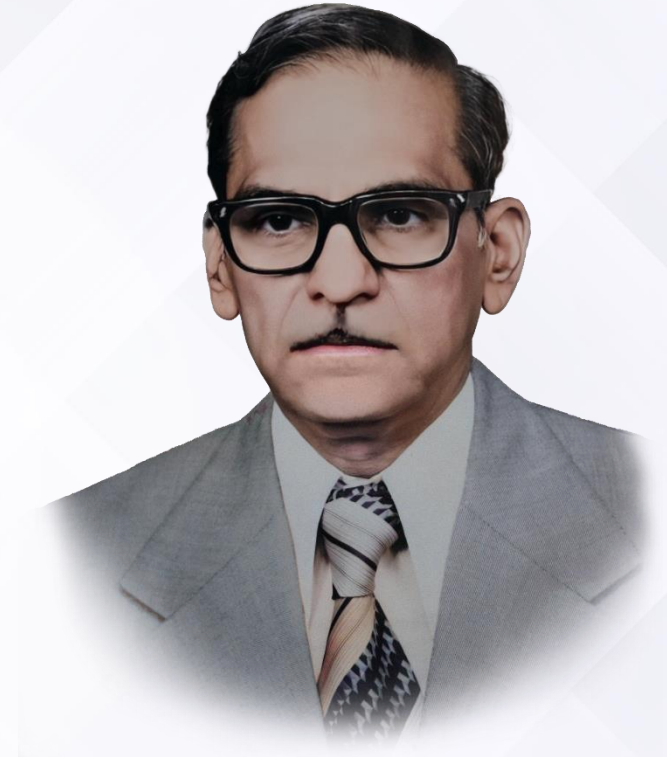
# ABOUT THE FOUNDER

## A Genius ahead of his times

Mr. Gupta had extensively used progressive cavity pumps in his coal mines and was well aware of the nuisances from 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 progressive cavity pump. This technological innovation gave birth to Roto Pumps

Mr. Gupta strongly believed in "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 excellent quality products at competitive prices.



**Mr. Ram Ratan Gupta**  
(04.02.1912 – 14.02.1981)  
Founder

# MESSAGE FROM THE CHAIRMAN

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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



# MANUFACTURING SETUP

Manufacturing centre located at Greater Noida, Uttar Pradesh, India



Spread over an area of 40000 sq. meter comprises of

R&D Centre

Elastomer Manufacturing Facility

Fabrication Unit

T.C. Coating Facility

Solar Submersible Pump Manufacturing Facility

Hard Chrome Plating Facility

Artificial Downhole PC Pumps & PDM Pumps Manufacturing Facility

# SCADA BASED TESTING FACILITY



**Performance Test** – Flow rate up to 1000 m<sup>3</sup>/hr for oil and water



# GLOBAL MARKETING SETUP



# PROGRESSIVE CAVITY PUMPS

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.

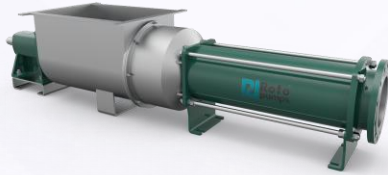


Capacity: Up to 500 m<sup>3</sup>/hr (2,200 GPM)

Pressure: Up to 48 bar (700 PSI)

Viscosity: Up to 3.000,000 cSt

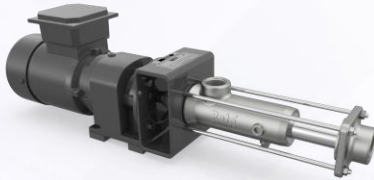
# PROGRESSIVE CAVITY PUMPS



Wide Throat Pump



Food Pump



Dosing Pump



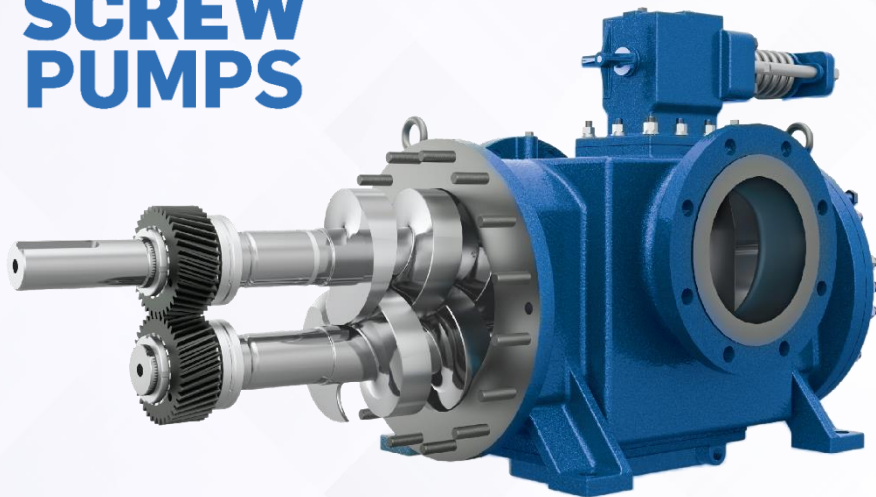
Roto KWIK Pump



Vertical Pump

# NEW RANGE TWIN SCREW PUMPS

## TWIN SCREW PUMPS



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.

Flow Rate – Up to 940 m<sup>3</sup>/hr (4140 GPM)

Pressure – Up to 16 bar (230 PSI)

Viscosity – Up to 100,000 cSt

Temperature – Up to 350°C (662°F)

**Horizontal External Bearing Long Shaft Design**



**Horizontal External Bearing Short Shaft Design**



**Horizontal Internal Bearing**



**Vertical internal or external bearing**



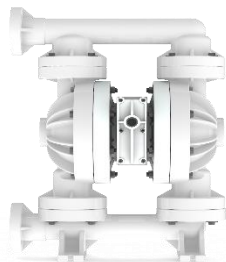
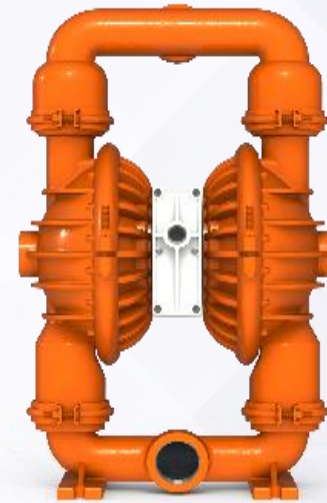
# AIR OPERATED DIAPHRAGM PUMPS

Roto diaphragm pumps are used for handling light to medium viscosity fluids, including: aggressive chemicals or liquids with heavy solids content. These pumps are built to resist corrosion and deliver a long, trouble-free product life.

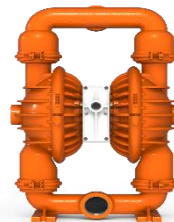
Capacity: Up to 60 m<sup>3</sup>/hr (265 GPM)

Pressure: Up to 10 bar (145 PSI)

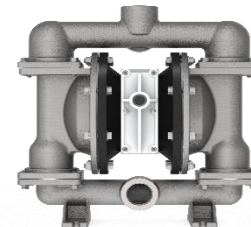
Viscosity: Up to 10,000 cSt



Polypropylene /PVDF



Aluminium



Stainless Steel

# 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 & Tunnelling



## Defence, Marine & Shipbuilding

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

# DIVERSE APPLICATIONS ACROSS INDUSTRIES



## Chemical & Process

- Paint & Varnish
- Paper & Pulp
- Viscose & Cellulose
- Adhesives & Resins
- Inks & Dyes
- Petrochemicals



## Food & Pharmaceuticals

- Dairy
- Bakery
- Sugar & Distillery
- Fruit Juice & Pulp
- Wine & Brewery
- Fish & Meat Processing
- Fisheries
- Fish Meal
- Edible Oil
- Pet Food
- Aroma & Flavors
- 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

# AWARDS & RECOGNITIONS

## 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



# **ROTO'S** SUSTAINABLE ENVIRONMENT INITIATIVES

## **We Care for Environment**

Zero liquid discharge plant

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50% of our energy needs met by solar power plant

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Rain water harvesting



# CSR INITIATIVES

## **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,



Thank You