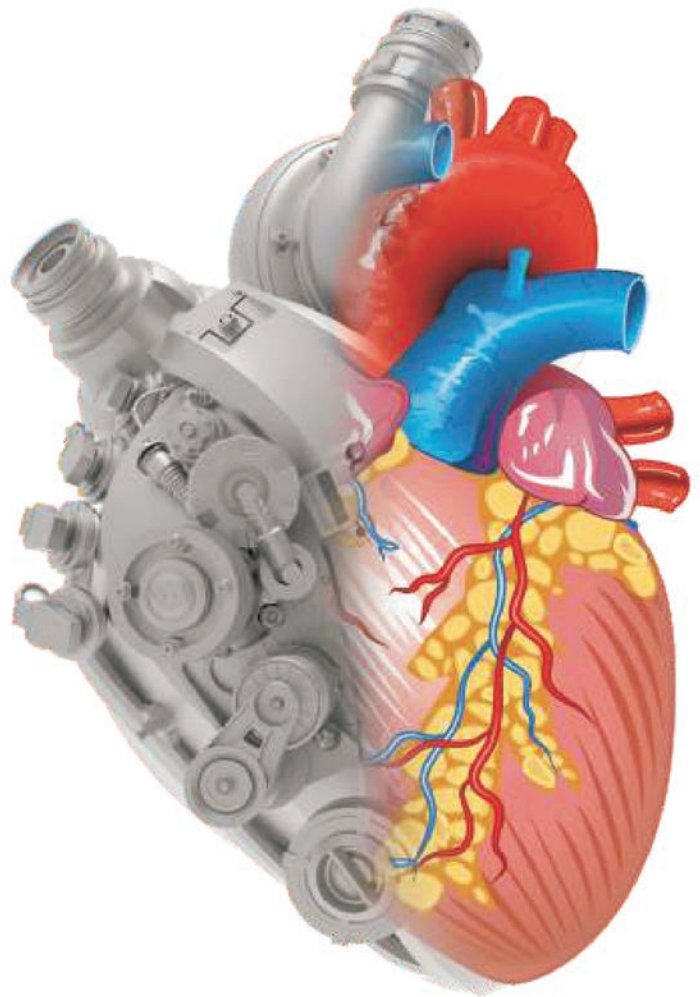


WE COMPETE  
WITH ONLY  
ONE PUMP



**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.



## Growth Story Continues

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



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



Successful IPO –  
Listed in Bombay Stock  
Exchange



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



Commenced 2<sup>nd</sup>  
Overseas Establishment  
in the U.K.



1968

1976

1980

1988

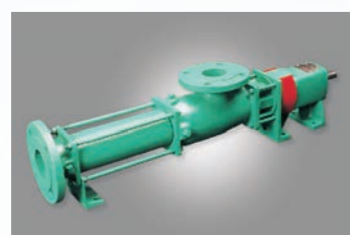
1994

1997

1998

2000

2004



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



Established 100%  
Export Oriented Unit in  
Noida, India



Established Captive  
Research & Development  
Centre at Noida, India



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

# Growth Story Continues

Penetrated in  
International Oil & Gas  
Sector



Established new  
Manufacturing Plant  
at Greater Noida, India



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



Govt. Recognized  
R&D Centre, Noida,  
India



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



2008

2011

2014

2015

2016

2017

2018

2019

2020



Entered in  
Commercial Marine &  
Defense Sector



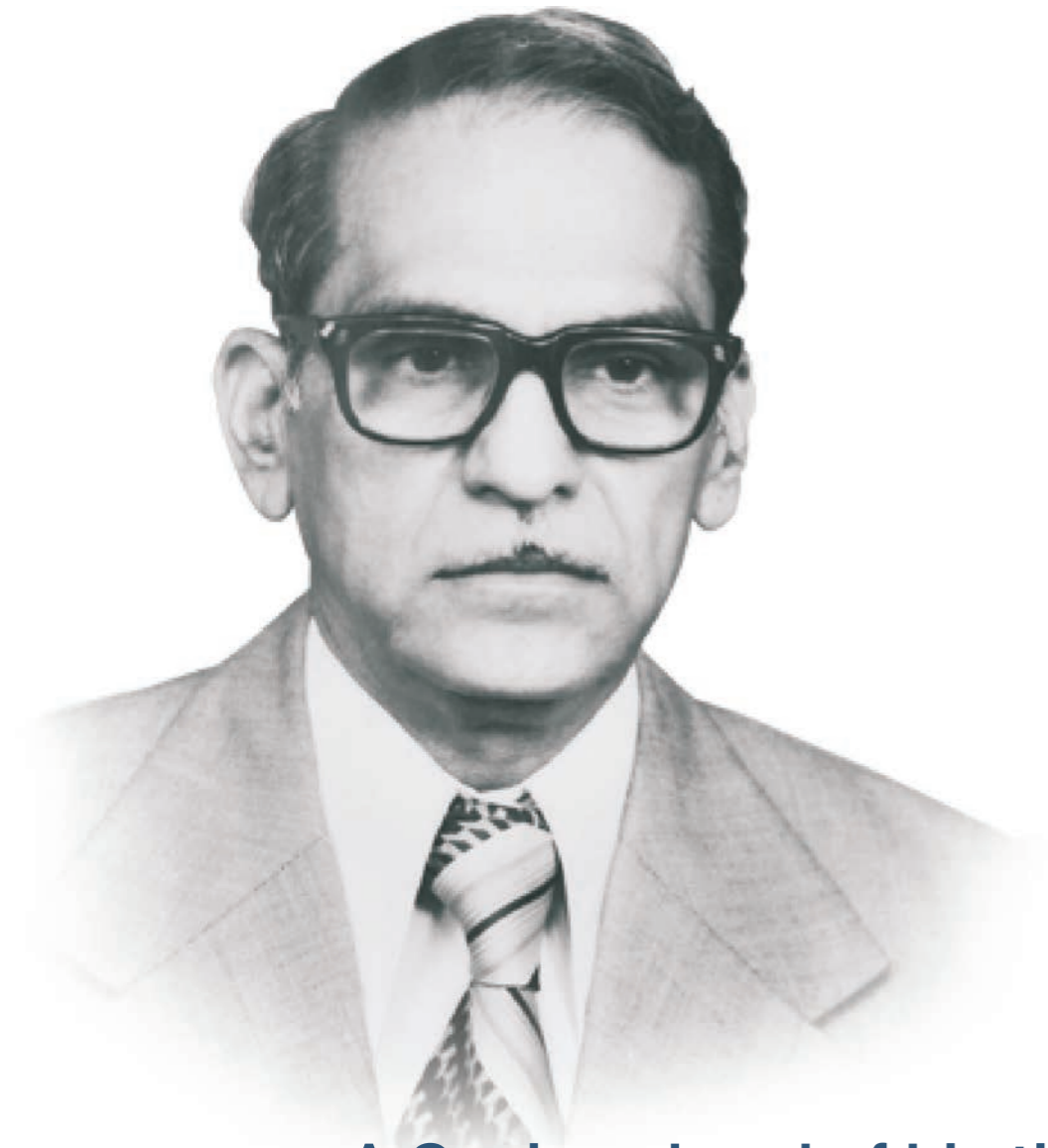
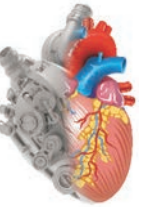
Established 1<sup>st</sup>  
Overseas Subsidiary  
Company in USA



Successfully Launched  
Range of Gear Pumps & Air-  
Operated Diaphragm Pumps



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



## 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.
- SCADA based real time pump testing facility.
- ISO 9001, 14001 & 18001 Certified.

## Fabrication Unit

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

## ROTO PUMPS LTD.



# Engineering Excellence

Scada based real time pump testing facility



# Global Presence



Global HQ., India



United States of America



Malaysia



United Kingdom



Australia



Germany



South Africa

# Distinctive Products

## Progressive Cavity Pumps >>>



**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

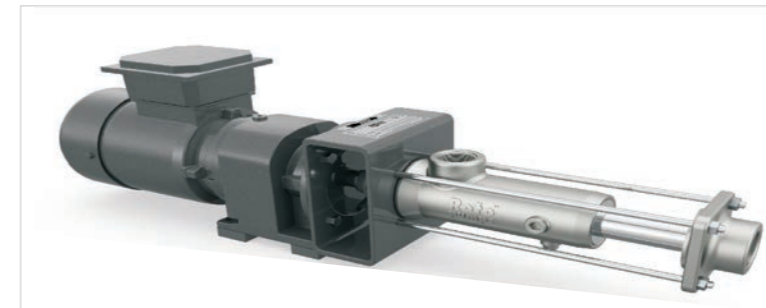
Roto Progressive Cavity Pumps are designed to handle free flowing viscous abrasive fluids for wide spectrum of applications. These pumps have single rotating element which helps in delivering uniform, metered and non-pulsating flow.



Wide Throat Pump



Food Pump



Dosing Pump



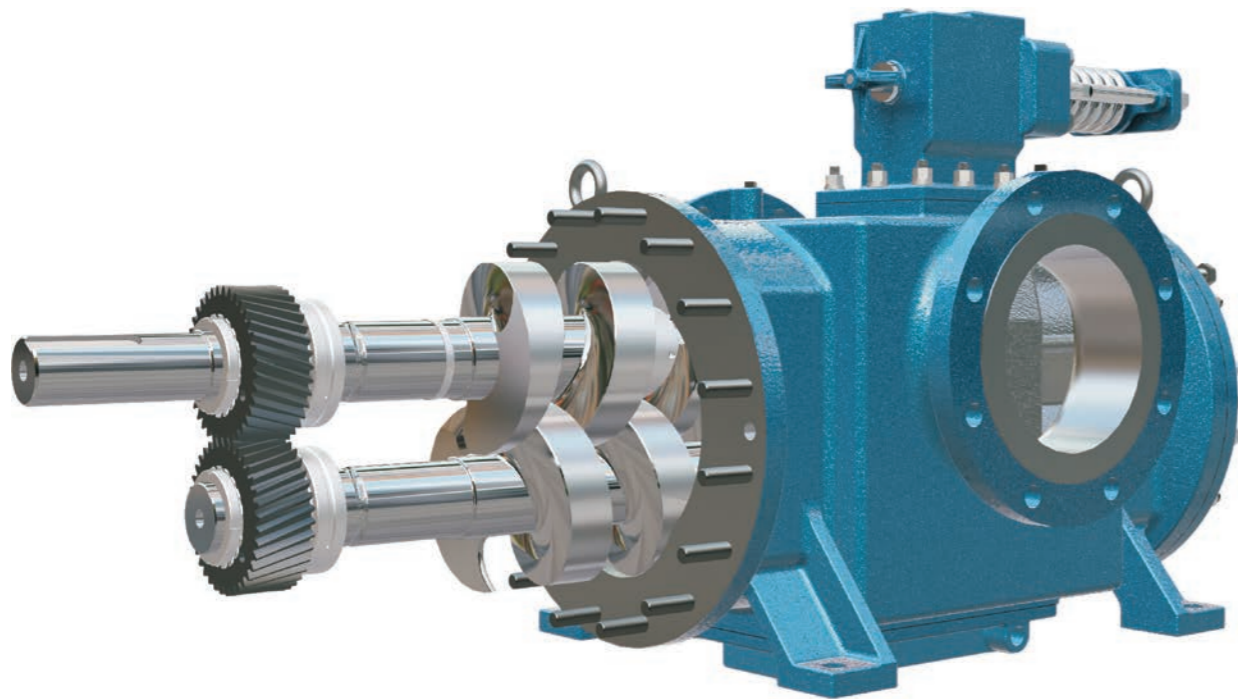
Roto KWIK Pump



Vertical Pump

# Distinctive Products

## Twin Screw Pumps >>>



**Capacity:** Up to 940 m<sup>3</sup>/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

## Gear Pumps >>>

**Capacity:** Up to 120 m<sup>3</sup>/hr (530 GPM)  
**Pressure:** Up to 11 bar (160 PSI)  
**Viscosity:** Up to 100,000 cSt



Roto's innovative external gear, double herringbone design pumps are compact, efficient and ensure longer service life. These pumps are specially designed to handle thin and thick liquids with minimal or no lubrication. These pumps can also be customized for high-pressure and high-temperature applications.

## Air Operated Diaphragm Pumps >>>

**Capacity:** Up to 60 m<sup>3</sup>/hr (265 GPM)  
**Pressure:** Up to 10 bar (145 PSI)  
**Viscosity:** Up to 10,000 cSt



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.



Process Transfer Duty Pump



Loading/ Unloading Duty Pump



Aluminium Series Pump



Stainless Series Pump

# Diverse Applications Across Industries



## Energy >>>

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



## 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



## Environment & Agriculture >>>

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



## 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



## Defence, Marine & Shipbuilding >>>

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



## 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

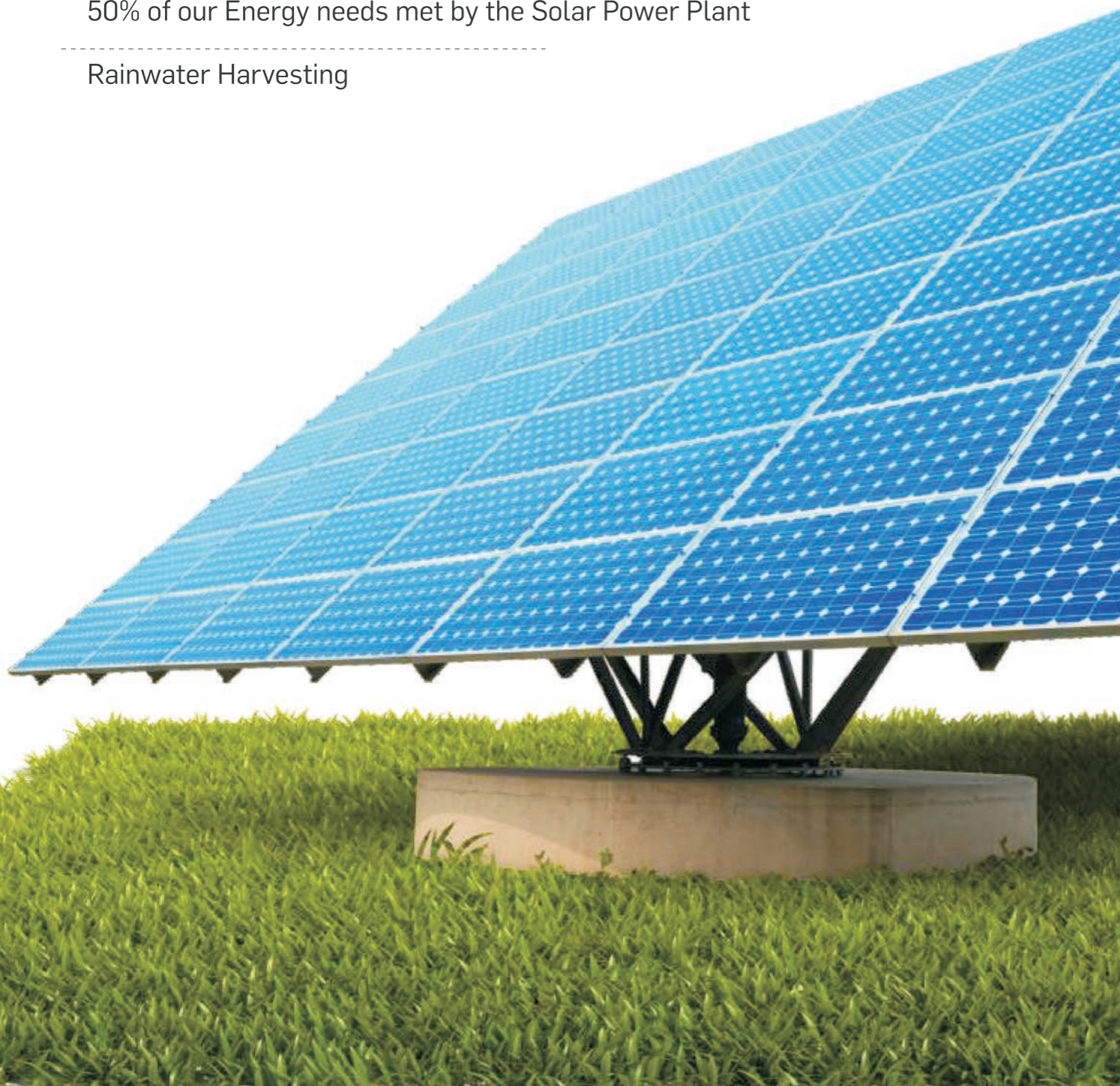


## We Care for Environment

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.





## ROTO PUMPS LTD.

### Regd. Off. & Global Headquarters

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Email: [contact@rotopumps.com](mailto:contact@rotopumps.com)  
CIN: L28991UP1975PLC004152

### Overseas Establishments

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