Efficient pumping solutions for paper industry
Roto Pumps in Pulp & Paper Industry

Roto Pumps has a vintage of over 45 years in providing fluid handling solution to a spectrum of industries. These pumps can handle wide variety of fluids ranging from clean and clear liquids to abrasive, corrosive, viscous and solid laden media. In paper industry these pumps are used in all major stages including Pulp Making, Pulp preparation and Kitchen Coating. Some of the few design features include:

- Flow proportionate to Speed - Can be used for Dosing and metering applications
- Self Priming - Excellent Suction Lift Capability and can operate under vacuum
- Non-Clogging - Can handle solids in suspension
- Low Internal Velocity - Can handle shear sensitive media
- Positive Displacement - Flow independent of Head
- Will not Vapor Lock - Can handle air, liquid and combination together

RJ series pump
for precise metering applications

RJ series of dosing pumps

Roto RJ series pumps are developed for low flow applications that demand high accuracies and repeatability. These pumps can handle wide variety of fluids ranging from clean and clear liquids to abrasive, corrosive, viscous and solid laden media.

Advantages

- High dosing accuracies - fluctuation ± 1%.
- Smooth and non-pulsating flow - no need of pulsation dampners.
- Low sheer and linear flow - can handle shear sensitive media.
- Single rotating element - no valves or gears required.
FLOW DIAGRAM OF A TYPICAL PULP AND PAPER MILL

APPLICATIONS:

Pulp Making Process
- Black Liquor
- Green Liquor
- Sodium Hydroxide
- Sodium Sulphide
- Sodium Carbonate
- Decolouring Agent
- High Density Pulp

Pulp Preparation Process
- Sizing Chemicals
- Rosin
- Neutral Sizing
- Calcium Carbonate
- Alkyl Ketones Dimmer (AKD)
- Alkenyl Succinic Anhydride (ASA)
- Mineral Filler
- Talcum
- Kaolin
- Calcium Carbonate
- Carbon Dioxide
- Low Density Pulp
- Pigments
- Colorants
- Optical Brighteners
- Defoamers
- Retainers
- Paper Whitening
- Fibers
Roto Pumps Limited, Manufacturing Plant, India

Melbourne Office & Warehouse
Manchester Office & Warehouse
Roto Pumps North America, Inc

Roto Pumps Ltd.

Marketing Head Office
Roto House,13, Noida Special Economic Zone, Noida - 201305, INDIA
Tel.: +91 120 256 7902-5 Fax: +91 120 256 7911
Email: contact@rotopumps.com

Branch Offices and Warehouses
United Kingdom
Unit 1 St Elizabeths Park, Grey Street, Denton, Manchester, M34 3RU
Tel.: +44 161 477 5511 Fax: +44 161 474 7900
Email: sales@rotopumps.co.uk

Australia
26, Deans Court, Dandenong South, Victoria 3175
Tel.: +61 3 9794 5200 Fax: +61 3 9794 5900
E mail: melb@rotopumps.com.au

www.rotopumps.com

Subsidiaries
Roto Pumpen GmbH
Am Brühl 17, 32423 Minden, Germany
Tel: +49 571 404 1077, Email: sales@rotopumpen.de

Roto Pumps North America, Inc.
5889 S Garnett Rd. Tulsa, Oklahoma 74146
Tel: +1 918 280 9144, Fax: +1 918 806 6853
Email: info@rotopumpsna.com

Roto Pumps Africa (Pvt) Ltd
3, Sun Rock Close Germiston 1401, Africa
Tel.: +27 10 100 3774
Email: sales@rotopumps.co.za