

Features and Benefits

- Compact design, Modular construction/customised solutions
- Service-friendly, World wide usage
- High reliability & Wide performance range
- Low noise level
- High-performance hydraulics
- Electro-coated cast-iron parts
- Grundfos motor



Features and Benefits

Pump with an unique stepper motor drive and microprocessor control.

- Turn down ratio – up to 1:1000
- Accuracy: +/-1%
- User friendly soft buttons for navigation & flow adjustment
- Easy & faster calibration
- Flexible control interface



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Paper Industry

Grundfos has been working closely with Pulp and Paper Industry worldwide. As an industry, it is one of the world's largest users of water, pulp and chemicals. The underlying processes like digestion, stock preparation, washing, bleaching, chemical recovery & recycling and environmental control require pumps of varying sizes and controls.

Being one of the world's major pump manufacturers, Grundfos offers customized solutions to address the needs of the pulp & paper industry.

Application	Usage	Our Solution	Savings
Edge Cutting Machines	For Paper Edge Cutting in Wire Part	CR Pump against conventional Horizontal Pumps: Low Flow and High Head Pumps.	30% Saving in Power
High Pressure Shower Pump:	This pump is used to clean the left over pulp when moving on the felt to the Steam Drum	CR Pump: Low Flow and High Head Pumps.	30% Saving in Power
Wood is cooked, it forms Black Liquor	To transfer of Black Liquor which is generated in the process of Pulp Cooking.	AP pump for higher capacity. S range can also be offered.	15
Chemical Dosing Pumps	Dosing of NaOH and other chemicals.	Dosing Pumps	15
Starch / Corn Powder	Sprayed on the paper for it to gain stiffness	CRN vertical multistage pumps	30
Back Water Pumps	To re-circulate the left over pulp into the Digest Tank or waste tank for re-cooking, pulp consistency of 2 – 3%	Offer NB / NK closed impeller with SS Body and Impeller	15
General Utilities	Water Treatment, Raw Water Transfer Pumps, Boiler, Condensate Pumps and other general water transfer Pumps.	CR / NB / NK	30
ETP Pumps	Grundfos Complete Range of Energy Efficient pumps are available	S Pumps / SE1 / DPK	15

Products

Features and Benefits

World's first vertical multistage pumps

- Reliability
- Compact with limited foot prints
- High efficiency
- Easy installation
- Service friendly product



Features and Benefits

Advanced technology that offers user-centric benefits

- Liquid less motor cooling design
- Quick detachable motor units offer flexibility while servicing
- Easy-to-replace cartridge shaft seals
- Special water-tight cable entry with heremetical seals - (high reliability)
- Simple & fast dismantle of pump due to unique clamp design



Features and Benefits

- Standard dimensions according to EN and ISO standards
- Compact design
- Flexible pump range
- Standard motor
- Adaptable to any application and performance
- EN 12 756 shaft seal
- Wide range
- Robust design
- Heavy-duty
- Flexible motor range

