

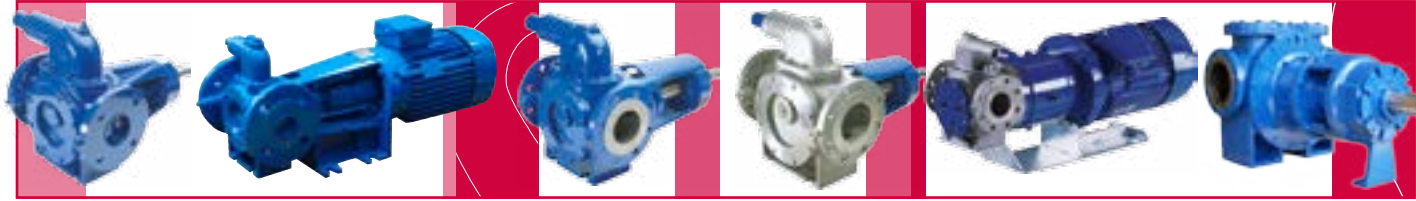


INDUSTRY PRODUCT OVERVIEW

Value-added Liquid Transport Solutions

PROVEN TECHNOLOGY

DESMI



DESMI has worked with customers to develop new innovations in pump technology. Whether it is solving individual application problems or developing new industry leading ideas, we are always looking for ways of doing things better.

DESMI ROTAN® pumps are hydrostatically and performance tested and get their own certificate before leaving the factory. ROTAN® pumps can be supplied in accordance with the ATEX Directive for use in potentially explosive environments.

It is DESMI's policy to offer customized solutions developed in co-operation with worldwide leading companies and to follow-up by after-sales service.

Performance overview

	ROTAN® GP - General Purpose	ROTAN® HD - Heavy Duty	ROTAN® PD - Petrochemical Duty	ROTAN® CD - Chemical Duty	ROTAN® ED - Environmental Duty
Capacity Range	Up to 50 m³/h / 220 gpm	Up to 250 m³/h / 1100 gpm	Up to 170 m³/h / 748 gpm	Up to 170 m³/h / 748 gpm	Up to 90 m³/h / 396 gpm
Speed	Up to 1750 rpm	Up to 1750 rpm	Up to 1750 rpm	Up to 1750 rpm	Up to 1750 rpm
Differential Pressure	Up to 16 bar / 232 psi	Up to 16 bar / 232 psi	Up to 16 bar / 232 psi	Up to 16 bar / 232 psi	Up to 16 bar / 232 psi
Suction Lift	Up to 0,5 / 7.25 psi bar vacuum while priming Up to 0,8 bar / 11.6 psi vacuum while pumping	Up to 0,5 bar / 7.25 psi vacuum while priming Up to 0,8 bar / 11.6 psi vacuum while pumping	Up to 0,5 bar / 7.25 psi vacuum while priming Up to 0,8 bar / 11.6 psi vacuum while pumping	Up to 0,5 bar / 7.25 psi vacuum while priming Up to 0,8 bar / 11.6 psi vacuum while pumping	Up to 0,5 bar / 7.25 psi vacuum while priming Up to 0,8 bar / 11.6 psi vacuum while pumping
Viscosity Range	Up to 7500 cSt	Up to 250,000 cSt	Up to 250,000 cSt	Up to 250,000 cSt	Up to 10,000 cSt
Temperature	Up to 150°C / 302°F	Up to 250°C / 482°F	Up to 250°C / 482°F	Up to 250°C / 482°F	Up to 250°C / 482°F
Pumping of:	Clean oil, Glycol, Vegetable oil, Solvents, Lube oil, Waste oil, Fish oil	Oil, Asphalt, Chocolate, Paint/Lacquer, Molasses, Soap, Additive, Polyol, Viscose, Sulphate soap, Maltose, Grease, Pitch, Base oil, Bitumen, Polyester	Fuel, Oil, Gasoline, Lube oil, Grease, Other hydrocarbon, based fluids, Additives, Bitumen, Polystyrene, Wax	Organic acid, Fatty acid, Alkali, Caustic soda, Polymer solutions, Soap, Shampoo, Animal fat, Vegetable fat, Chocolate, Other special fluids, Resin, Paint, Rosin	Isocyanate, Solvents, Hazardous organic liquids, Printing ink, Resin, Pitch, Alkyd resin, Soyabean oil, Linseed oil, Monomers, Polyol, Corn syrup



Air valve technology is the heart of the air-powered double diaphragm pump and determines reliability.

Performance overview

	Max capacity l/min	Max pressure MPa	Max size solids mm
DDS-05	10	0.7	0.2
DDS-10	20	0.7	1
DDS-15	45	0.7	1
DDS-20	100	0.7	2
DDS-25	160	0.7	3
DDS-40	450	0.7	7
DDS-50	650	0.7	8
DDS-80	800	0.7	10

Pumping of:
Ceramics, Chemical Industry, Construction, Electronic Industry, Environmental Protection, Machine Industry, Mining, Paint and Lacquer Industry, Petrochemical Industry, Pharmaceutical Industry, Plating, Power Stations
Waste Water

The field of application is one of the focus areas for DESMI ROTAN® pumps around the globe.

Reliability, minimum down time, available spare parts around the world, service, and fast replacement pumps. These are all words that describe the demands from the process industry.

The DESMI brand stands for just that, our products and solutions are highly suitable for any pumping applications.

We offer a wide range of centrifugal pumps, gear pumps, screw pumps and AODD pumps, among others.

The key factors in all areas of the process industry are liability, productivity and performance of the production plant. These are precisely the parameters addressed by the DESMI range of products, systems and services for the industry segment.

All of them are well proven and highly suitable for the process industry.

Vertical In-line Double Suction Centrifugal Pump DSL	
50 Hz:	60 Hz:
Pressure range: 2-30 mLC - 6-100 ft	Pressure range: 4-45 mLC - 12-150 ft
Capacity range: 300-3500 m³/h 1300-15000 US gpm	Capacity range: 350-4400 m³/h 1500-19000 US gpm
Temperature range: With standard mech. shaft seal max. 80°C - 176°F. With special mech. shaft seal max. 120°C - 248°F.	
Pumping of: Various Industry Water applications such as feeding cooling towers and industry water circulation. But also district heating and power plants together with many other industries will profit from using DSL pumps.	



Vertical In-line Centrifugal Pump NSL	
Capacity range: 10-1500 m³/h - 50-6600 US gpm at 50 Hz 10-1800 m³/h - 50-7900 US gpm at 60 Hz	
Pressure range: 5-150 mLC - 15-500 ft at 50 Hz 5-220 mLC - 15-720 ft at 60 Hz	
Temperature range: With standard mech. shaft seal max. 80°C - 176°F With special mech. shaft seal max. 140°C - 284°F	
Pumping of: Various Industry Water applications such as feeding cooling towers and industry water circulation. But also Fresh and seawater cooling pumps and bilge pumps.	

Horizontal self-priming centrifugal pumps SA / SAEN	
Capacity range: 0-650 m³/h	
Pressure range: 0-110 mLC	
Temperature range: With standard mech. shaft seal max. 80°C, with special mech. shaft seal max. 120°C.	
Pumping of: Bilge pumps, Ballast pumps, Fire pumps, Cooling water pumps, Wash-deck pumps, Fuel pumps, Wellpoint pumps, Irrigation pumps, Circulation pumps	

Self-priming Centrifugal Pump Modular S	
Capacity range: 1-350 m³/h - 5-1500 US gpm at 50 cycles 2-400 m³/h - 10-1760 US gpm at 60 cycles	
Pressure range: 1-100 mLC- 3-330 ft at 50 Hz 2-150 mLC - 6-490 ft at 60 Hz	
Temperature range: With standard mech. shaft seal max. 80°C - 176°F, with special mech. shaft seal max. 120°C - 248°F.	
Pumping of: Ground water pumps, Fire pumps, Wash-down pumps, Cooling-water pumps, Circulation pumps, Fuel pumps, Filling of tanks and wagons, Also suitable for "Contractors" and "Agricultural" use.	

Your DESMI contact for Industry

Denmark

DESMI A/S - Group Head Quarter
Tagholm 1
DK-9400 Nørresundby
Tel.: +45 96 32 81 11
Fax: +45 98 17 54 99

DESMI Pumping Technology A/S
Tel.: +45 96 32 81 11
Fax: +45 98 17 54 99

DESMI Danmark A/S
Tel.: +45 72 44 02 50
Fax: +45 98 17 54 99

DESMI Contracting A/S
Tel.: +45 96 32 81 11
Fax: +45 98 17 54 99

DESMI Ro-Clean A/S
Tel.: +45 65 91 02 01
Fax: +45 65 48 16 15

DESMI Ocean Guard A/S (Associate)
Tel.: +45 20 16 00 26
Fax: +45 98 17 54 99

Germany

DESMI GmbH
Tel.: +49 407 519847
Fax: +49 407 522040

Netherlands

DESMI B.V.
Tel.: +31 30 261 00 24
Fax: +31 30 262 33 14

Norway

DESMI AS
Tel.: +47 38 12 21 80
Fax: +47 38 12 21 81

U.K.

DESMI Ltd.
Tel.: +44 1782 566900
Fax: +44 1782 563666

DESMI FHS Ltd.
Tel.: +44 1782 566900
Fax: +44 1782 563666

DESMI Ro-Clean Ltd.
Tel.: +44 2380 829751
Fax: +44 2380 339190

Singapore

DESMI Pte. Ltd.
Tel.: +65 6748 2481
Fax: +65 6747 6172

USA

DESMI Inc.
Tel.: +1 757 857 7041
Fax: +1 757 857 6989

DESMI AFTI (Associate)
Tel.: +1 716 662 0632
Fax: +1 716 662 0636

Indonesia

DESMI Ro-Clean Asia
Tel.: +62 21 2358 4468
Fax: +62 21 2358 4401

China

DESMI Pumping Technology (Suzhou) Co., Ltd.
Tel.: +86 512 6274 0400
Fax: +86 512 6274 0418

DESMI Pumping Technology (Suzhou) Co., Ltd.
Shanghai Liaison Office
Tel.: +86 21 6071 06 00-05, 6071 06 07-13
Fax: +86 21 60710614

DESMI Pumping Technology (Suzhou) Co., Ltd.
Tianjin Liaison Office
Tel.: +86 22 8371 3731/83713732
Fax: +86 22 8371 3739

DESMI Pumping Technology (Suzhou) Co., Ltd.
Guangzhou Liaison Office
Tel.: +86 20 3826 4197
Fax: +86 20 3826 4186

DESMI Pumping Technology (Suzhou) Co., Ltd.
Chongqing Liaison Office
Tel.: +86 23 6704 3809
Fax: +86 23 6704 3908

DESMI Pumping Technology (Xuancheng)
Co., Ltd.
Tel.: +86 563 2612 570
Fax: +86 563 2613 191

Korea

DESMI Korea - Goyang Office
Tel.: +82 31 931 5701
Fax: +82 31 931 5702

DESMI Korea - Busan Office
Phone: +82 51 723 8801 & 8802
+82 70 7723 8804
Fax: +82 51 723 8803

Ecuador

DESMI Ro-Clean Latinoamerica S.A.
Tel.: +593 2 326 1939
Fax: +593 2 326 4844

France

DESMI France
Tel.: +33 1 30 43 97 10
Fax: +33 1 30 43 97 11

UAE

DESMI Middle East - Abu Dhabi
Tel.: +971 50 554 9395

DESMI Middle East - Dubai
Tel.: +971 50 554 9395

India

DESMI India - Mumbai

You can read more about industry solutions at www.desmi.com or send your email to desmi@desmi.com

MARINE & OFFSHORE

INDUSTRY

OIL SPILL RESPONSE

DEFENCE & FUEL

UTILITY