

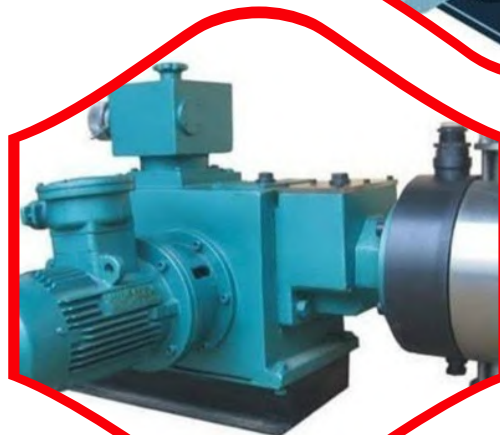


PT. DEKA ADHINUSA

## PRODUCT & PROFILE

Specialist for rotating and mechanical equipment.

PUMP, BLOWER, VACUUM,  
AGITATOR, DOSING PUMP, DAF UNIT  
AND OTHER INDUSTRIAL EQUIPMENT



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PT. Deka Adhinusa  
Established

**Dear Customer,**

PT. Deka Adhinusa was established on July 07, 1994 in Jakarta, Indonesia. Our business is in Rotating and Mechanical Equipment, especially in Pumps/ Blower/ Vacuum Pump/ Chemical Injection Pump/Agitator/Mixer. With more than 30 years of experience in the business, we can support our customer with best offer and after sales service for this business.

The products we sell are of Premium Brand, Reliable and Premium Quality. The product have been used and/or accepted by many companies in Indonesia and worldwide. We are supported directly by Manufacturers and we have warehouse to carry stock of product units and parts. We also have workshop and service team to carry-out service and repair.

For your evaluation, we attached our product list and short brochure. We would very grateful if you can include our company as your vendor and we would be happy to receive your data sheet of the product you need.

Please do not hesitate to contact us for any requirement you have. Please send you inquiry to:

Sales Department:  
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Website : www.deka-adhinusa.co.id

Your Sincerely  
PT. Deka Adhinusa

PUMPS :

1. ITT BORNEMANN PUMP | API 676 TWIN SCREW PUMP AND SANITARY PUMP (GERMANY)
2. ARO INGERSOLL RAND | AIR & ELECTRIC OPERATED DOUBLE DIAPHRAGM PUMP & PISTON PUMP (USA)
3. ANDRITZ PUMP | ISO 5199 AND ISO 2858 PROCESS CENTR PUMP AND BIG CAPACITY CENT PUMP (AUSTRIA)
4. SPX BRAN LUEBBE | API 675 CHEMICAL INJECTION PUMP AND HOMOGENIZER MIXER (GERMANY)
5. TUTHILL PUMP | API 676 INTERNAL GEAR PUMP AND MAGNETIC DRIVEN GEAR PUMP, LUBRICATION & DOSING PUMP (USA)
6. WERNERT PUMPEN | THERMOPLASTIC CENTRIFUGAL PUMP (GERMANY)
7. NEPTUNE PUMP | API 675 CHEMICAL INJECTION PUMP AND MIXER (USA)
8. NIKUNI PUMP | CENTRIFUGAL PUMP AND MICROBUBBLE DISSOLVED AIR FLOATATION PUMP (JAPAN)
9. OMAC PUMP | ROTARY LOBE PUMP FOR SANITARY AND HYGIENIC PRODUCT (ITALY)
10. NOVAROTOR PUMP | SINGLE SCREW / MONO PUMP FOR GENERAL & FOOD BEVERAGES INDUSTRY (ITALY)
11. GEMECOTTI PUMP | METALIC AND NON METALIC CENTRIFUGAL PUMP WITH MAGNETIC DRIVEN (ITALY)
12. ITC PUMP | DIAPHRAGM AND PLUNGER METERING PUMP (SPAIN)
13. GARTH PUMP | CENTRIFUGAL PUMP DIN 24255, 24256 & ISO 2858, 5199 (CHINA)

BLOWER/FAN :

1. NEW YORK BLOWER | CENTRIFUGAL FAN AND HEAVY DUTY BLOWER FOR GENERAL INDUSTRY (USA)
2. HISON BLOWER | CENTRIFUGAL AXIAL FAN FOR GENERAL INDUSTRY (USA)
3. MAPRO BLOWER | POSITIVE DISPLACEMENT BLOWER (ITALY)
4. NATIONAL TURBINE | CENTRIFUGAL HEAVY DUTY GAS BLOWER (USA)

VACUUM :

1. AZMEC VACUUM | WATER/LIQUID RING VACUUM PUMP (ITALY)

AGITATOR/MIXER :

1. NEUTRONE MIXER | SIDE / TOP ENTRY MIXER AND STATIC MIXER (MALAYSIA)
2. NEPTUNE | DRUM MIXER ELECTRIC/PNEUMATIC DRIVEN (USA)
3. SPX BRAN LUEBBE | HOMOGENIZER MIXER (GERMANY)



**CHEMICAL**



**OIL & GAS**



**PETROCHEMICAL**



**PALM OIL & SUGAR**



**FOOD & BEVERAGE**



**STEEL**



**PULP & PAPER**



**PHARMACEUTICAL**



**MINING**



**MARINE**

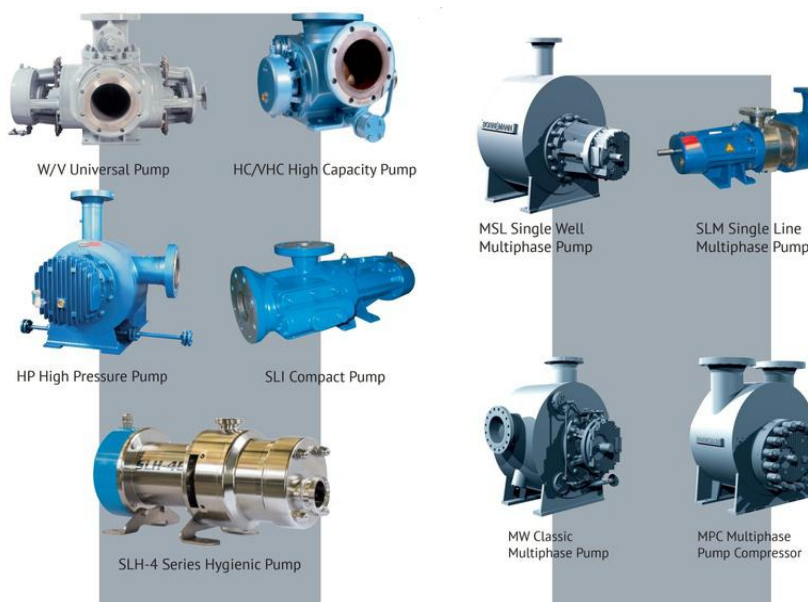


**WATER SUPPLY**



**POWER PLAN**





Bornemann Twin-Screw Pumps are self-priming, double ended positive displacement pumps with external timing gears and bearings. Manufactured in over 80 sizes, their design provides complete axial balancing of the rotating elements and eliminates all metal-to-metal contact within the pump.

They can handle virtually any non-homogeneous fluid, regardless of viscosity, lubricity or abrasiveness e. g. seawater, bitumen, molasses, lime, acid, caustic solution or hydrocarbon.

## Unique Technologies

### Customized Reliability

With the benefit of more than 80 years proven experience, Bornemann offers customized performance solutions for every operation. In-house design, production and 100 % workshop testing guarantee the high performance technology – essential for all addressed industries.

### Design & Performance

Bornemann Twin Screw Pumps are highly refined versions of the positive displacement principle, employing patented machining processes for the screw manufacture. Performance is a function of screw diameter, pitch and speed. In addition, there are special screw geometries available to give further efficiency savings of up to 25 %.



Bornemann Twin Screw Pump



Bornemann Screw Design

## Scopes of Application

- Up- and Midstream
- Downstream
- Marine
- Offshore
- Industry
- Food and Pharma

# ANDRITZ

## Centrifugal Pumps

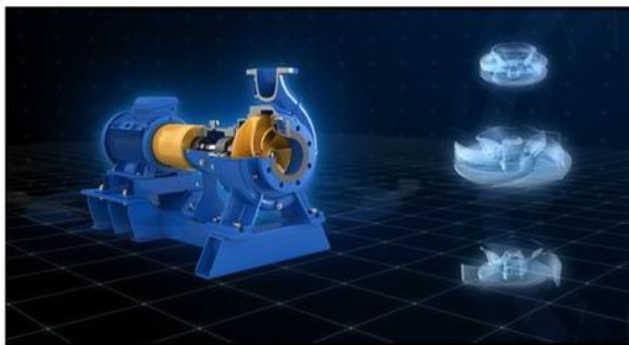
PT. Deka Adhinusa

Product Info

### Centrifugal pumps

Highest energy efficiencies |  
Lower life-cycle-costs | High-  
standard pump engineering  
**ACP, ASP, HP, ES SENEX**

ANDRITZ develops and manufactures standard and customized centrifugal pumps such as end-suction, split case, high-pressure and numerous other pumps for a wide range of different applications and industries.



Single-stage centrifugal pump, ACP series  
© ANDRITZ



ANDRITZ double-suction axial split case  
pump operating as headbox pump  
© ANDRITZ



ANDRITZ self-priming centrifugal pump,  
AD series © ANDRITZ



ANDRITZ high-pressure pump, HP series  
© ANDRITZ



# ARO

**IR** Ingersoll Rand  
Industrial Technologies

## PT. Deka Adhinusa Product Info

ARO air operated double diaphragm pumps (AODD pumps) are designed for general fluid transfer. Our diaphragm pumps reliably transfer a wide variety of fluids, from clean, light viscosity to medium viscosity. They can pump large particles without damage.

Metal or plastic diaphragm pump casings can easily handle corrosive and abrasive fluids. Most ARO diaphragm pumps are **ATEX certified** (CE Ex11 2GD X).



### EXP SERIES PUMPS

Broad chemical compatibility, with automation and remote control capability



### PRO SERIES PUMPS

Reliable bulk fluid transfer, from inks and solvents to glues and adhesives



### PISTON PUMPS

ARO offers hydraulic piston pumps and pneumatic piston pumps for a variety of applications. Find the right piston pump solution for a range of viscous fluids.



### LUBRICATION EQUIPMENT

ARO lubrication pumps deliver unmatched industrial-strength performance and are sized to fit any container from buckets to barrels. They pump motor and gear oils, transmission fluid, and standard and industrial greases.



### ELECTRIC DIAPHRAGM PUMP (NEW SERIES)

ARO EVO Series™ Electric Diaphragm Pumps offer a unique set of proven technologies in one breakthrough positive displacement pump.



## CUSTOM SOLUTIONS



### PROCESS PUMPS - GLOBALGEAR® SERIES

GlobalGear® internal gear pumps have tougher, more reliable parts that are easy to service and maintain. The modular design reduces switching costs saving time and money.



### HEAVY DUTY (HD) PROCESS PUMPS

Cumferential piston pumps for the most demanding applications. Capable of running dry indefinitely this pump is a severe-duty problem solver.



## Magnetically Coupled Pums - T Series

Applications: laboratory, water purification, lubrication, fluid transfer, recirculation, cooling, chemical metering, sampling, temperature control, medical, additive delivery, proportioning, chemical handling, refrigerant recycling, lasers, oil filtration, and others.

**Ir's Gear Pump Also Has Magnetic Gear Pump**



### L SERIES



### C SERIES

## Lubrication Pumps L Series & C Series

Model: 000LE, 00LE, OLE,  
1LE, 2LE, 5LE

Application(s): Lubrication, Fluid Transfer, Filtration, Fuel Oil, Oil Burner Feed, Compressor, Refrigerators, Gear Boxes, Transmissions, Engines





## PROCESS METERING PUMPS ACC TO API 675

Competitively priced and ready for quick delivery, our NOVADOS EXPRESS H1 is precision engineered for getting the job done. These hydraulically actuated double diaphragm dosing pumps cover flow rates of approx. 2 l/h to 300 l/h, with pressures up to 20 bar. Suitable for most liquid dosing applications, it can also handle consistencies ranging from pure liquids free from particles to slurries with a solids content of up to 5wt%. **API 674**

## DOSING METERING PUMPS ALSO FDA STANDARD

With ProCam Smart we offer a high quality, economic pump for the customer with less demanding applications. Performance is not compromised as the pump range uses the well proven ProCam design to achieve long lasting reliable operation, as expected from all our pumps.

## SYSTEMS / MIXING

The PENTAX dynamic in-line mixers offers excellent performance and can accommodate a wide capacity range, variable shear and can be supplied with auxiliary equipment as required.





#### DX Hygienic Series

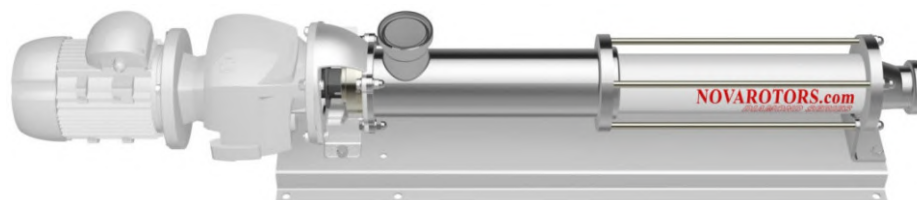
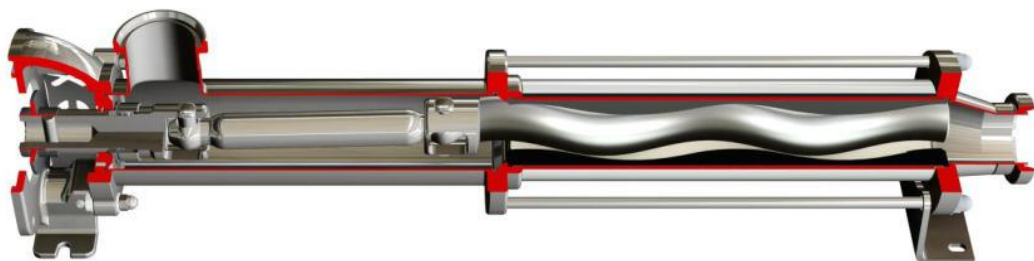
The DX hygienic pump series is state of the art for the food, pharmaceutical, chemical and cosmetic industries. The complete sanitary design, in compliance with standards EHEDG and 3A, ensures maximum sanitization. These pumps are top rated for "Clean In Place" and "Sterilizing In Place". The geometry of the pumps is designed specifically to allow drainage and avoid dead zones. Each component is manufactured with the highest level of finish and utmost cleanliness.

As well as the parts that come in contact with the product, the block and base plate (when requested) are made of stainless steel (standard in AISI 304).

The available fittings include DIN 11851, DIN 11864, Clamp ISO 2852, Clamp ASME-3A, Clamp DIN 32676, RJT, SMS 1145 and lastly Garolla and Macon for the wine industry.

The complete range of pumps can be manufactured with block construction (DXO SERIES and DXC SERIES), bearing housing with independent shaft (JXO SERIES and JXC SERIES) or bearing unit with plug-in shaft (FXO SERIES and FXC SERIES).

- **DX Series:** the drive is coupled directly to the pump via a flange. This solution is extremely cost effective and compact, considerably reducing installation costs and simplifying maintenance. The forces generated by the hydraulic part are supported by the drive itself. Each drive used is adequately selected based on their specific technical parameters and are subject to numerous duration tests with heavy loads.





PT. Deka Adhinusa  
Product Info



### Metering Pumps ACCORDING TO API 675

Neptune Hydraulic Metering Pumps, Mechanical Metering Pumps and Electronic Metering Pumps deliver accuracy, precision and quality for a variety of chemical-injection applications with its full range of metering pumps.



### Mixers

Neptune offers a complete line of portable mixers for a wide variety of critical blending and mixing operations including blending liquids, suspending or dissolving solids, and dispersing immiscible liquids or small amount of gases in liquids.



### Water and Wastewater Solutions

Neptune is the only manufacturer that offers end-to-end solutions/technologies for water and wastewater applications. Neptune offers a number of products including packaged chemical feed systems, feeders, and accessories.



**Pulsation Dampeners**



**Relief Valve**







PT. Deka Adhinusa  
Product Info



MAG-DRIVE CENTRIFUGAL  
PUMPS



MAG-DRIVE TURBINE PUMPS



MECHANICAL SEAL  
CENTRIFUGAL PUMPS



VERTICAL PUMPS

**SERO**  
PumpSystems



**OMAC**  
Rotary Lobe Pump/ Italy



#### SEMA Design Options

##### SEMA "TT"

Low Temperature Design

Allows for temperatures down to  
-75 deg F (-60 degC).



##### SEMA "SB"

Close coupled / Block Design

Utilizes a C-face NEMA motor.  
Eliminates alignment issues.  
Smaller dimensional footprint.



##### SEMA "BC"

Barrel Design

"Barrel" totally encapsulates  
liquid end of the pump providing  
dual containment.





# WERNERT-PUMPEN

PT. Deka Adhinusa  
Product Info



Standard Chemical Pump  
of Plastic Materials

## Type series NE

ISO 2858 / DIN EN 22858

ATEX

### The General Purpose Pump – Safe and Robust.

For conveying aggressive, corrosive, solid laden or toxic liquids. Smaller sizes are available in unit construction (Type series FK or FE).

#### Technical properties:

- Single stage process designed radial centrifugal pump
- May be used in areas with explosive atmosphere – directive 2014/34/EU
- Semi open or closed impeller
- WERNERT single bellows type mechanical seal or
- Double acting mechanical seal of most well known seal manufacturers
- Thick-walled interchangeable plastic parts
- Completely cast iron clad
- All forces from piping are fully supported by metal casing
- Grease and oil lubricated versions available



Vertical Chemical Pump  
of Plastic Materials – Dry arrangement

## Type series NKPF

ATEX

### Space saving version for installation alongside a vessel

For conveying aggressive, corrosive or solid laden liquids from basins for space saving fixing alongside a vessel.

#### Technical properties:

- Single stage vertical centrifugal pump
- Space saving installation alongside a holding tank
- Easy access and inspection options
- May be used in areas with explosive atmosphere – directive 2014/34/EU
- Semi open impeller
- Delivery suspension pipe rubber lined or Halar coated
- Dry running is possible for a short time, because no rotating mechanical seal is necessary
- Propulsion and bearing of the spindle in the safe area outside the conveying area.
- Thick-walled interchangeable plastic parts



Vertical Immersion Chemical Pump  
of Plastic Materials – Wet mounting

## Type series VKPF

ATEX

### The Sump-Pump – invincible.

For conveying aggressive, corrosive or solid laden liquids from basins, vessels or sumps. Space saving version for installation alongside a vessel available (NKPF Type).

#### Technical properties:

- Single stage vertical radial centrifugal pump
- May be used in areas with explosive atmosphere – directive 2014/34/EU
- Semi open impeller
- Delivery suspension pipe rubber lined or Halar coated
- Dry running is possible for a short time, because no rotating mechanical seal is necessary
- Drive and shaft bearings are in a protected non-wetted area.
- Thick-walled interchangeable plastic parts
- Type VKP: Intermediate bearings in submerged area with internal or external flushing

Standard Chemical Pump  
of Plastic Materials with Magnetic Drive

## Type series NM

ISO 2858 / DIN EN 22858

ATEX

### The safety pump – completely leak-free.

For conveying aggressive, corrosive and/ or toxic liquids. Intermittent flow is tolerated for a long period and can be easily detected by temperature monitoring (Option). Perfect protection for your investment.

#### Technical properties:

- Single-stage radial centrifugal pump in process design
- Semi-open impeller
- Hermetically sealed with eddy current-free CFRP /PTFE isolation shell
- Magnetic couplings between 25 and 100 Nm
- Optionally with external flushing system
- Thick-walled, replaceable plastic components
- Complete metallic enclosure
- Metallic absorption of all pipe forces
- Grease lubrication





PT. Deka Adhinusa  
Product Info



**DOSTEC 40**  
electric



**DOSTEC AC**  
electric



**DOSTEC 50**  
electric



**DOSITEC MP**  
magnetic



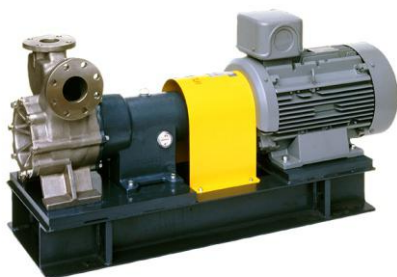
**MIXER 1.3**  
mixer



**Nikuni**



Regenerative Turbine Pumps



KTM Micro-bubble Generator



Centrifugal Pumps

**AZMEC**  
HIGH EFFICIENCY LOW ENERGY CONSUMPTION



**DESCRIPTION:**

The liquid ring vacuum pumps type ALCZ grant capacities from 150 up to 38.500 m3/h.

**MAIN UTILIZATIONS:**

Paper mill industry, sugar industry, mining industry, cement industry, chemical industry, regenerated leather industry, petrochemical industry, filtration industry.

**NEUTRONE**  
MIXERS



NP Series Mixer



N5SE Series Model



NMS Series



Helical Elements C/W Retaining Ring





## CENTRIFUGAL PUMP

PT. Deka Adhinusa  
Product Info



### 811 ANSI Series

The 811 ANSI Series product line is a complete line of ASME (ANSI) B73.1 centrifugal pumps available in a wide range of options and materials.



### 811SP Series

The 811SP Series is a line of centrifugal pumps designed for robust performance in harsh self-priming applications.



### 811CC Series

The 811CC (Close Coupled) Series centrifugal pumps match the features, flexibility, and performance of standard 811 Series pumps while incorporating a compact, space-saving design that offers significant benefits.



### 850 Series

The 850 Series Centrifugal Pumps have been specifically designed for versatility. Thanks to their efficient performance, extensive features, long life and easy maintenance, 850 Series pumps are ideal for use in a wide variety of water-pumping applications.



### E,F&G Series

The E,F&G Series is a full line of heavy-duty centrifugal pumps ideal for water based applications available in a broad range of sizes and configuration options with extensive performance features.



### H Series

The H Series is a unique line of self-priming centrifugal pumps used for a variety of water applications. The H Series pumps have been designed to lift water up to 25 ft and perform where other self-priming pumps can't.



PT. Deka Adhinusa  
Product Info



## Garth Centrifugal Pump



NT Series : Direct Coupled Pump



iB Series : Close Coupled/Monoblock Pump



Non Clogging  
Self Priming Monobloc  
Sewage Pump

## VERDER passion for pumps Hose Pump



### Verderflex Dura

*Compact, low to medium flow high pressure pump*  
The Verderflex Dura is the most compact peristaltic pump in the market. Thanks to the innovative design the footprint can be reduced up to 70%, optionally in an ATEX rated format.



### Verderflex Vantage

*Precision, controlled dosing*  
The innovative Verderflex Vantage is a very precise, controllable dosing system with a USB back-up. Ideal for dosing abrasive, corrosive, shear sensitive and viscous fluids. Several control options and pump heads are available for this pump series.



### Verderflex Rapide

*Simple low pressure industrial dosing*  
These simple IP 55 industrial style pumps can be easily integrated into existing equipment. They are ideal for liquid transfer and can be easily controlled by external inverters (VFD's).



### Verderflex Rollit

*Lubricant free, low pressure, low power pump*  
The lubricant free pump for high flow rates and low power consumption. Available with single or twin head, 2 or 4 bar pressure and as hygienic version.

PT. Deka Adhinusa

Our Client



TOTAL



INDORAMA





PT. Deka Adhinusa

Contact Us



**For more information**

**Please contact us :**

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