



# Irrigation & Agriculture

## Fluid Handling Product Overview



1800 333 424 | [www.allflo.com.au](http://www.allflo.com.au)

# Innovative Solutions for Industry

Originally formed as a family business, Allflo Pumps & Equipment have been actively involved in the pump industry for over 70 years.

Our product knowledge enables us to offer a full range of services from the initial consultancy through to final commissioning. Furthermore our fully equipped workshop and spare parts department offers a complete maintenance and reconditioning service for a wide variety of applications.

## Creating Solutions for Heavy Industrial Pumping Requirements

Striving to be the best takes determination and a desire for excellence.

## Trusted Reputation and Proven Performance

Allflo Pumps & Equipment has had years of research and development expertise. We have been meeting the challenging needs of our clients for many years by making sure they have the right equipment to satisfy their requirements.

Allflo Pumps & Equipment is the solution for all aspects of the food and beverage industry, industrial manufacturing, mining, waste water, agriculture, aquaculture and environmental pumping needs.

## Customer Support

Our friendly, trained sales and service teams, with combined experience, work hard to ensure our customers receive the highest standards of support and service.

## Quality Guaranteed

Products are subject to stringent testing and re-testing requirements, using up-to-date technology and quality materials. We guarantee to provide the performance, quality and satisfaction that is required.

## Service and Back Up

Allflo Pumps & Equipment products are supported by an extensive range of spare parts, accessories and a fully equipped workshop to ensure your equipment is performing to its best.

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## END SUCTION CENTRIFUGAL PUMPS

Remko End Suction Centrifugal Pumps are designed and built to two well established International Standards: ISO2825 and DIN24225. This ensures reliability and long lasting high performance.

### DESIGN FEATURES AND BENEFITS

**Back Pull Out Design:** allows for easy removal of the rotating element without disturbing pipework, motor or pump casing. This is proven to reduce maintenance time.

**Pump Casing:** High efficiency cast iron volute casings drilled to AS2129, Table E.

**Interchangeable** with other similar pumps, built and conforming to the same standards.

### APPLICATIONS

- >> Irrigation
- >> Water Pressure Boosting
- >> Transfer
- >> Fire Protection
- >> Spear Systems
- >> Dairy Wash Down



## ELECTRIC VERSIONS



### CLOSE COUPLED

- » Space Saving Design
- » Accurate Alignment
- » Simple Back Pull Out Design
- » Optional Galvanized Base Plate

### LONG COUPLED

- » Longer Service Life – Increased Bearings
- » Heavy Duty Fabricated Base Plate
- » Base Plate Galvanized
- » Optional Spacer Coupling – Easy Maintenance



## DIESEL VERSIONS

- » Heavy Duty Fabricated Steel Base Plates
- » 24 Hour Operation Fuel Tanks
- » Central Point Lifting Frame
- » Weather Protection Canopy
- » Engine Control and Protection Panel
- » Battery and Leads
- » Emergency Stops
- » Battery Isolators
- » Pipework and Valves





**ALLFLO**  
PUMPS & EQUIPMENT



## MIXED FLOW PUMPS

Remko Mixed Flow Pumps are highly efficient, simple design pumps that give a reliable performance. The end suction style pump is easy to maintain and repair.

### DESIGN FEATURES AND BENEFITS

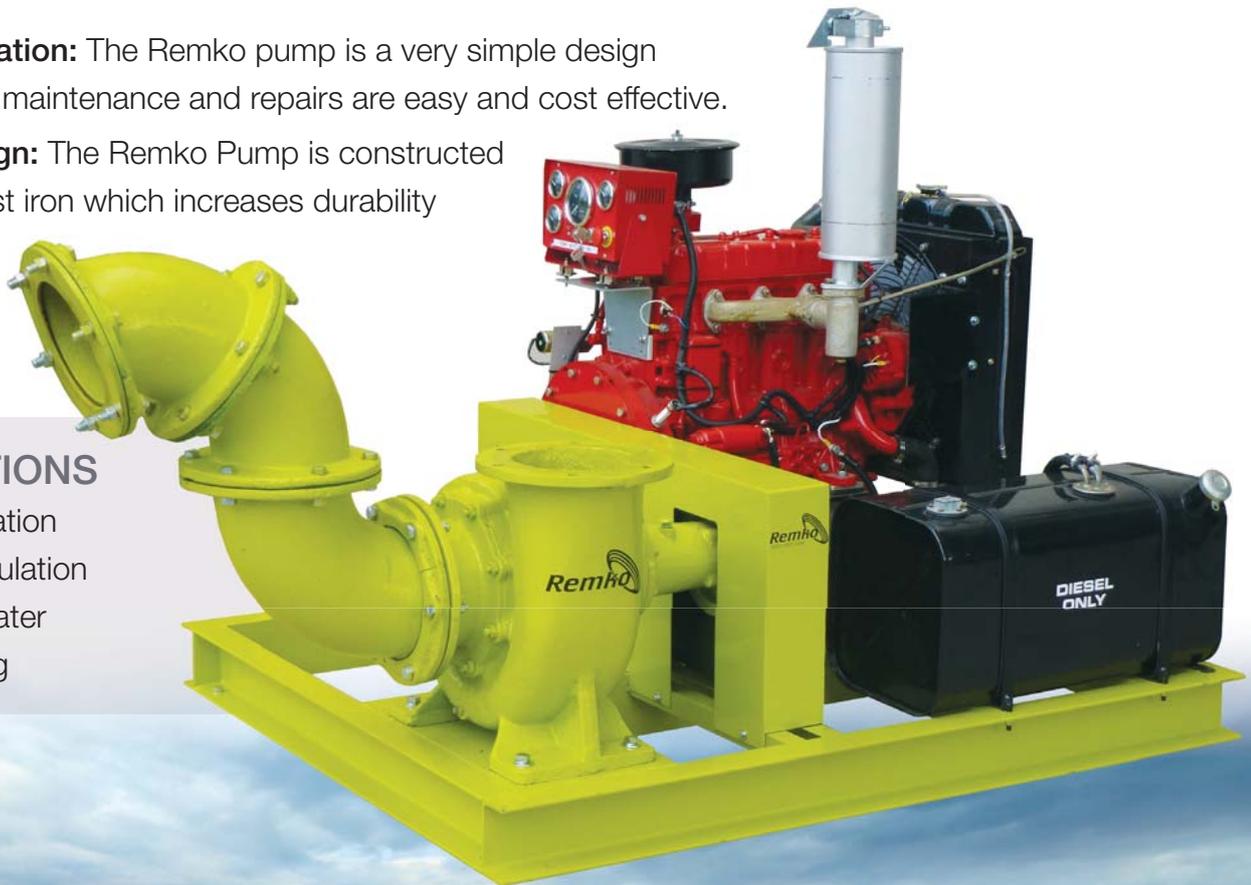
**High Efficiency:** Closed design impeller and well designed volute pumps to be up to 90% efficient.

**Simple Operation:** The Remko pump is a very simple design which means maintenance and repairs are easy and cost effective.

**Robust Design:** The Remko Pump is constructed from thick cast iron which increases durability and service life.

### APPLICATIONS

- >> Flood Irrigation
- >> Water Circulation
- >> Re-Use Water
- >> Dewatering



## VERTICAL MULTISTAGE PUMPS

Cariba Vertical Multistage Pumps are non-self priming, inline vertical multistage design with equal sized suction and discharge ports either flanged or with a victaulic coupling.

### DESIGN FEATURES AND BENEFITS

**Wetted Parts:** All wetted parts constructed in stainless steel, giving corrosion resistance and a long service life.

**Highly Efficient:** Highly efficient stainless steel impellers reduce operating costs and maintenance.

**Small Footprint:** Vertical design with small footprint; space saving.

**Cartridge Seal:** The mechanical seal can be replaced in minutes with no special tooling.

### APPLICATIONS

- >> Water Supply
- >> Pressure Boosting
- >> Irrigation
- >> High Pressure Cleaning





## HELICAL ROTOR PUMPS

Remko Helical Rotor Pumps have a very broad application range. They are ideal for continuous, pressure-stable, gentle and low pulsation liquid transfer.

### DESIGN FEATURES AND BENEFITS

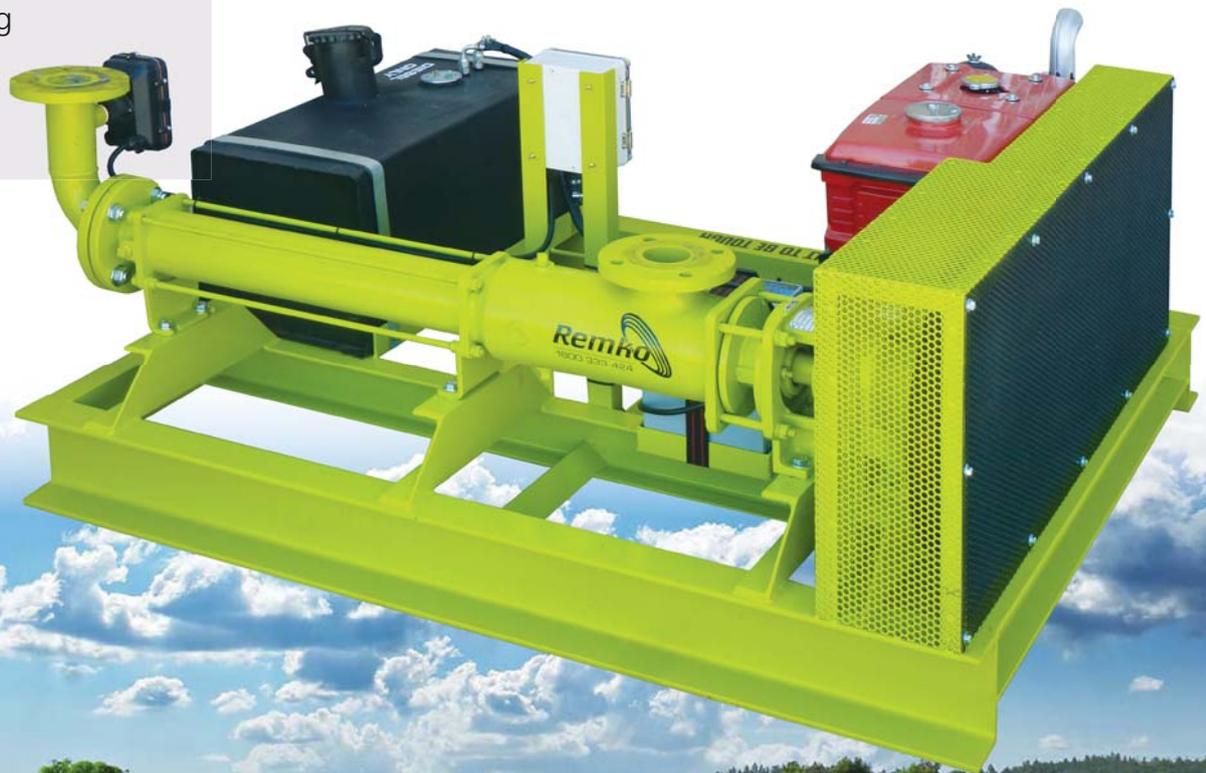
**Self Priming:** Remko Helical Rotor Pumps will self-prime and can easily handle liquids with gasses.

**Solids Handling:** Excellent ability to pump solids. Ideal for long string type substances or solids.

**High Pressure:** The Remko Helical Rotor Pump is great for applications requiring high pressure.

### APPLICATIONS

- » Dam to Tank Filling
- » Slurry Handling
- » High Pressure
- » Bore Pumps



# SELF-PRIMING CLEAR WATER PUMPS



The Remko RS Series are a wet self-priming pump with a rugged design that ensures a long service life with minimal maintenance and service requirements.

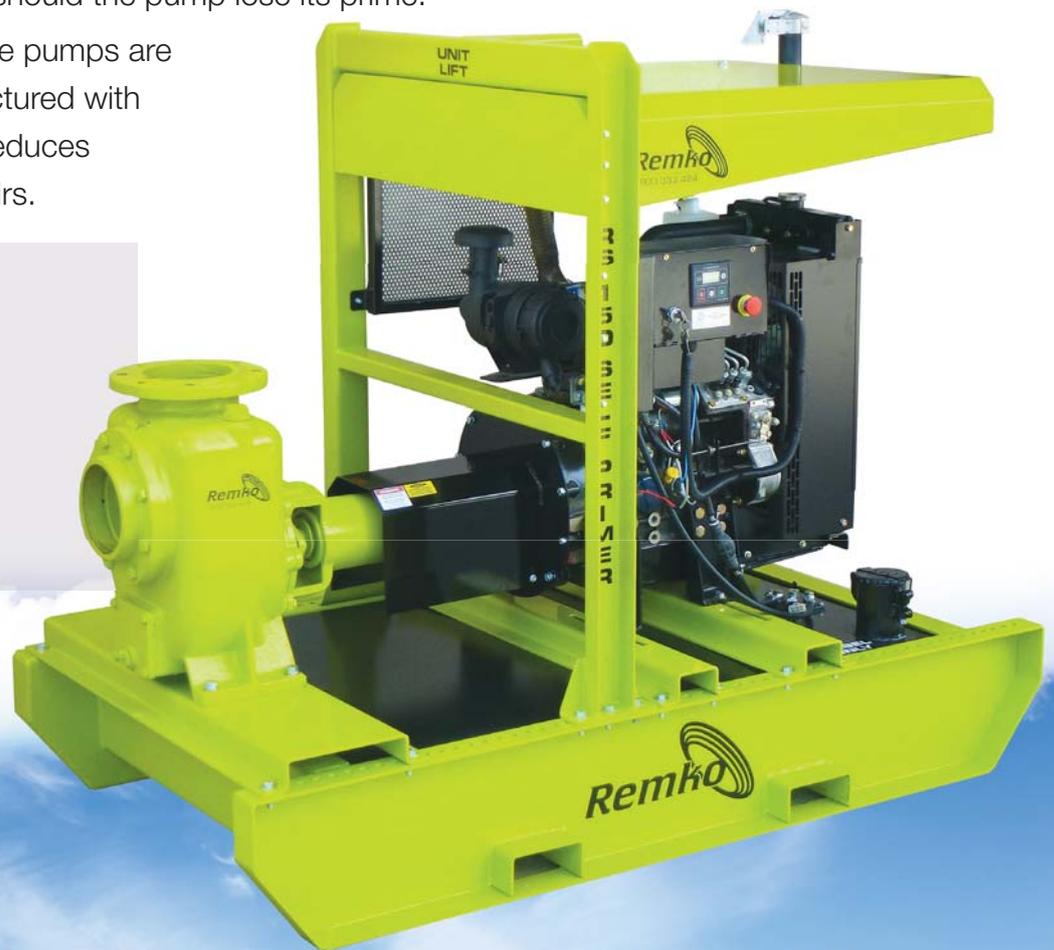
## DESIGN FEATURES AND BENEFITS

**Self Priming:** The Remko Self-Priming pumps will self-prime up to a suction depth of six metres. They will also reprime should the pump lose its prime.

**Simple Operation:** The pumps are designed and manufactured with very few parts which reduces maintenance and repairs.

## APPLICATIONS

- » Water Transfer
- » Tanker Fill
- » Dewatering
- » Re-use Water
- » Irrigation



## SELF-PRIMING SOLIDS HANDLING PUMPS

Remko Self-Priming Solids Handling Pumps are an economical solution to industries requiring little maintenance resulting in significant savings in time and money. Robust construction with innovative hydraulic design provides the stamina for handling solids with ease.

### DESIGN FEATURES AND BENEFITS

**Self Priming:** Remko pumps will self prime up to 7.6 metres and automatically re-prime if the pump loses prime.

**Solids Handling:** Semi open impeller designs allow the pumps to handle solids in diameter of up to 76mm.

**Simple Unclogging:** The cover plate allows direct access to the impeller without disturbing pipeworks.

**Run Dry Ability:** With oil lubricated seals and bearings, the Remko pump has the ability to run dry indefinitely.

### APPLICATIONS

- >> Flood Irrigation
- >> Effluent Transfer
- >> Water Transfer
- >> Trade Waste



## ELECTRIC VERSIONS



### DIRECT DRIVE

- » Compact Design
- » Tyreflex Coupling – Protects Pump
- » Heavy Duty Fabricated Steel Base
- » Hot Dipped Galvanized Base
- » Coupling Guarding

### BELT DRIVE

- » For Variable Speeds
- » Easy Access to Rotating Assembly
- » Heavy Duty Fabricated Steel Base
- » Motor Belt Tensioning Adjustment Rails
- » Belt and Pulley Guarding

## DIESEL VERSIONS

- » Heavy Duty Fabricated Steel Base Plates
- » 24 Hour Operation Fuel Tanks
- » Central Point Lifting Frame
- » Weather Protection Canopy
- » Engine Control and Protection Panel
- » Battery and Leads
- » Emergency Stops
- » Battery Isolators
- » Pipework and Valves



## SUBMERSIBLE PUMPS

Remko Submersible Pumps are the result of years of manufacturing and development, which has led to a highly trusted and reliable product. Remko Submersible Pumps are a tough solution for almost all submersible pumping applications, ranging from sewage transfer to mine dewatering.

### DESIGN FEATURES AND BENEFITS

**Quality Guaranteed:** Each Remko Submersible Pump is subjected to quality, precision and performance testing throughout production. Upon successful meeting of the standards, the Remko Pumps are made, ready for sale.

**Solid Construction:** The Remko Pumps are designed for maximum strength and rigidity. The Remko Pump uses a heavy duty rigid shaft and double row heavy duty greased for life bearings.

**Service and Support:** Remko Pumps are backed up by a complete line up of spare parts and accessories to keep your pump and operation primed.

### APPLICATIONS

- >> Drainage
- >> Irrigation
- >> Sewerage Disposal
- >> Trade Waste
- >> Dewatering
- >> Storm Water



## DRAINAGE

- » For drainage of liquids with small solids in suspension
- » Multi-vane semi open impeller

## GRINDER / CUTTER

- » For waste water applications containing soft or fibrous solids



**Remko**



## DEWATERING

- » Ideal for pumping dirty water in harsh conditions
- » Open multi-vane high chromium impeller

## BORE PUMPS

- » Used in situations where the water table is below the maximum lifting depth of a standard centrifugal pump





## EFFLUENT ROTOR PUMP

Remko Heavy Duty Effluent Rotor Pumps suit a large number of applications and operating conditions. Due to the design of the Remko Effluent Rotor Pump, most viscous, abrasive and high solids content liquids can be pumped with ease compared with other similar pumps.

### DESIGN FEATURES AND BENEFITS

**Self Prime:** Remko Effluent Rotor Pumps will self prime up to 7.6 metres (25').

**Run Dry:** The pumps can run dry with no liquid without damage indefinitely.

**Pulsation Free:** Remko Rotors provide pulsation free pumping and adjustable housing segments allow for low cost service and maintenance.

**Oversized Shaft:** The shaft diameter has been maximized to prevent wear on rotors, seals and bearings due to shaft deflection.



### APPLICATIONS

- >> Waste Water
- >> Effluent Transfer
- >> Molasses
- >> Solids Handling



# ENGINES & CONTROL

Allflo works closely with a number of engine manufacturers, including:

**YANMAR**

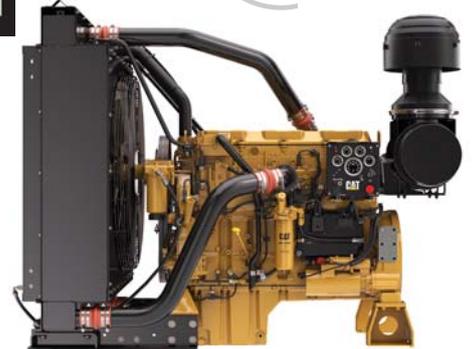


**JOHN DEERE**



Industrial Power Packs come standard with:

- » High Ambient Radiator
- » Wiring Harness
- » Muffler & Exhaust
- » Air Cleaner
- » Control Panel
- » Belt Guards



Optional Extras:

- » Remote Monitoring
- » Power Take Off
- » Clutches
- » Stub Shafts
- » Heat Exchanges
- » Air Compressors



## CONTROL

Specially designed control systems manufactured for Australian conditions.

Available Features:

- » Keyless Start & Stop
- » Oil pressure & coolant temp protection
- » 2 wire start/stop
- » Twin float start/stop
- » Pump pressure monitoring & protection
- » Low coolant level (optional only on TNV and JCB series engines)
- » Water in fuel (only on JCB series engines)
- » Loss of prime
- » 99 hour run timer
- » 7 day repeatable start/stop timer
- » Individual daily start/stop (Mon-Sun)
- » Additional options:
- » Remote stop (E-Stop)
- » Remote 3G monitoring and control telemetry package available
- » Remote key fob start/stop module available



## FUEL STORAGE

The TTI Diesel Storage Tanks are a safe and reliable diesel supply solution.

- » 50L - 10,000L Capacity
- » Manufactured from diesel grade polyethylene
- » Splash resistant breather system
- » No spill fill system
- » Padlockable filler cap
- » Custom built tank stands
- » Trailer mounted units



## ACCESSORIES

Allflo have a range of accessories and 'add-on' items to complement their pump range. These include:

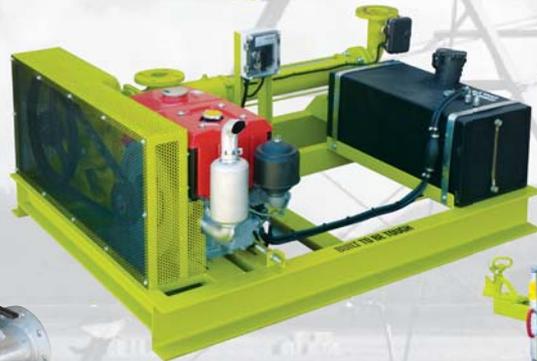
- » Flow Meters
- » Suction and Discharge Pipework
- » Suction Stainless
- » Camlock and Barer Fittings
- » Level Sensors
- » Pump Controllers
- » Diesel Engines
- » Electric Motors
- » Generators

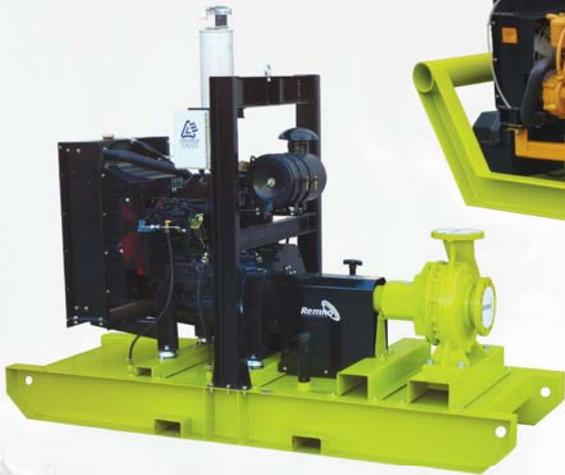


## SPARE PARTS AND BACKUP SUPPORT

Our dedicated customer service team consists of knowledgeable and experienced service technicians, and our support extends Australia wide.









**MINING**



**OIL & GAS**



**QUARRYING**



**CIVIL CONSTRUCTION**



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PUMPS & EQUIPMENT

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