

# RTH Series

## Heavy Duty Trash Pumps

### Product Overview

*Advanced design for smooth  
efficient operation*



**Remko**

# Why choose Remko!



# REMKO PUMPS.

Renowned for their reliability.

A lasting investment.

## TRUSTED REPUTATION. PROVEN PERFORMANCE.

Remko is a product of 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 get the work done.

Remko is the solution for all aspects of waste water, sewerage, mining and solids laden liquids.

## CREATING SOLUTIONS FOR A BETTER FUTURE.

Being the best takes determination, dedication and a desire for excellence.

Using up-to-date technology and extensive research puts us ahead.

## QUALITY GUARANTEED.

Renowned for their reliable robust operation, every product is subject to rigorous stringent testing and re-testing requirements. Using up-to-date technology and rugged construction materials, Remko Pumps are built to last.

We guarantee we will provide the performance, quality and power you need.

## SERVICE AND BACK UP.

Remko is supported by an extensive range of spare parts and accessories to keep your equipment performing at its best.

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# Hi-Pressure Trash Pumps



## RTH080

**Remko RTH080 Series  
80mm Hi-Pressure Trash Pump**



## RTH100

**Remko RTH100 Series  
100mm Hi-Pressure Trash Pump**



## RTH150

**Remko RTH150 Series  
150mm Hi-Pressure Trash Pump**



Dependable self priming performance makes RTH Series Pumps a sensible solution for industry and municipalities. Available in sizes 80mm, 100mm and 150mm and designed to operate over a wide range of speeds, thus achieving various specific duty points. Offering design flexibility, simple to service and tolerant to abuse.

Properly applied and installed, Remko RTH Series pumps are ideally suited for industrial applications including: mine dewatering, trade waste, metal and timber mills, road construction, food and chemical processing.

RTH Series features include:

- Large volume displacement to allow reprime in an open system
- Ability to handle air, overcoming vapour handling problems common in conventional centrifugal pumps
- Solids handling multi-vane impeller
- Self aligning oil lubricated mechanical seal
- Substantial bearings and drive shaft
- Removable oil filled rotating assembly
- Removable inspection cover provides quick access to pump interior

Remko RTH Series are available as bare shaft pumps for replacement of existing equipment, or as complete pump sets powered by electric, diesel or gasoline engines.

# RTH Series

RTH Pumps are an economical solution to high volume/high head self priming applications. Robust construction with innovative hydraulic design handles solids laden liquids with ease.

## SPECIFICATIONS

MODEL	Discharge	Capacity	Head	Solids
<b>RTH080</b>	80mm	Maximum 23 l/s	Maximum 62m	Maximum 20mm
<b>RTH100</b>	100mm	Maximum 40 l/s	Maximum 59m	Maximum 28mm
<b>RTH150</b>	150mm	Maximum 84 l/s	Maximum 58m	Maximum 31mm



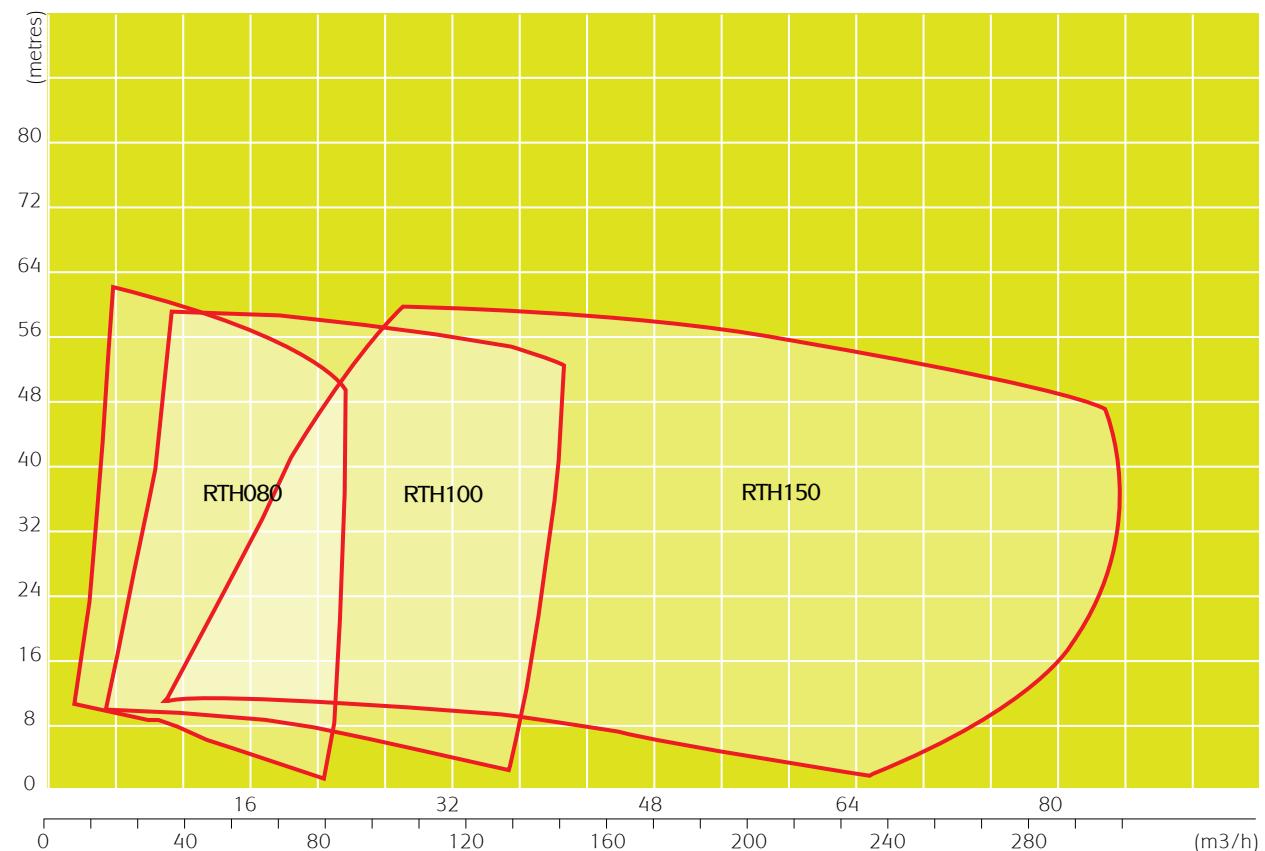
## CONSTRUCTION

**Materials** For all RTH Series models  
Cast Iron, 316 Stainless Steel and CD4MCu

Note: Specifications may change without notice.

## PERFORMANCE CURVE

*The Performance Curve indicates Total Metres Head vs Flow Rate*



# RTH Series Maintenance

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## STEP 1



### **QUICK AND SIMPLE MAINTENANCE**

*Routine maintenance services are carried out quickly and easily with the use of standard tools, thus economising downtime and labour.*

## STEP 2



### **CLEANING AND INSPECTION**

*Cleaning and inspection of Remko RTH Series Pumps is undertaken without disconnecting the pipework.*

*Cleaning and clearing are simple tasks, as are inspection and replacement of the impeller and seal, when necessary.*

## STEP 3



## STEP 4



### **SHIMLESS EXTERNAL IMPELLER ADJUSTMENT**

*An exclusive system to externally adjust the impeller clearance without disassembling the pump, using just an allen wrench.*

*Simple adjustments can optimise pump efficiency while extending the life of both impeller and wear plate.*

## STEP 5



# Support Services



Design Service

Installation

Repair Service

Pump Testing

Service Contracts

Spare Parts



## **PRODUCT DESIGN SERVICE**

*Remko can design and supply a pumping solution to suit the most challenging requirements. Contact your representative for further information.*

## **PUMP TESTING**

*The key to a successful pump package is the ability to fully test and pre-commission the unit prior to delivery.*

*Operational parameters can be set and the entire system sequence tested under simulated site conditions to reduce on-site installation time and ensure trouble-free and reliable operation.*

## **REPAIRS AND SPARE PARTS**

*Remko and the distributors have a range of spare parts available to keep pumps operational with limited downtime.*

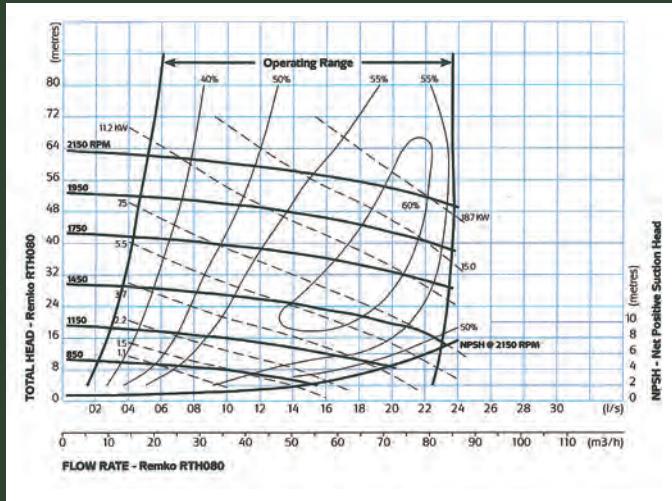
## **SERVICE CONTRACTS**

*Regular and periodic service contracts ensure pumps and associated equipment are maintained professionally to avoid costly interruptions to production.*

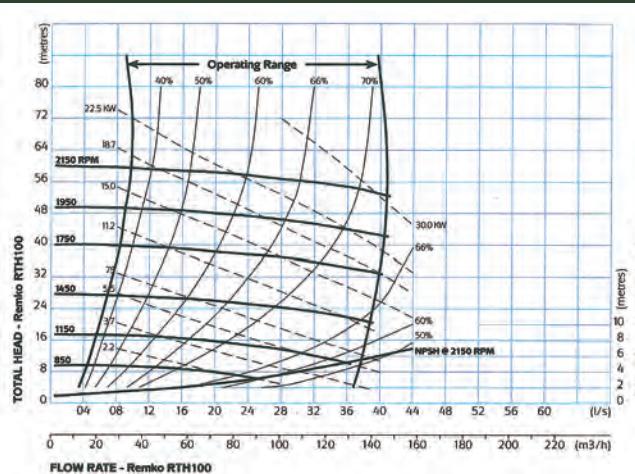


# Performance Curves RTH Series

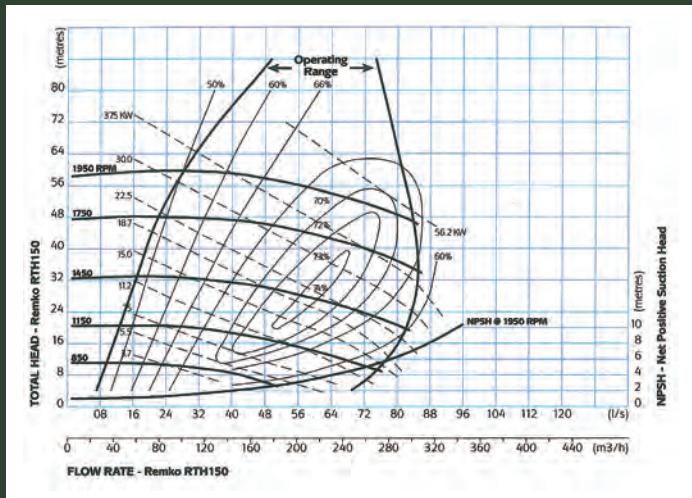
RTTH080



RTTH100



RTTH150

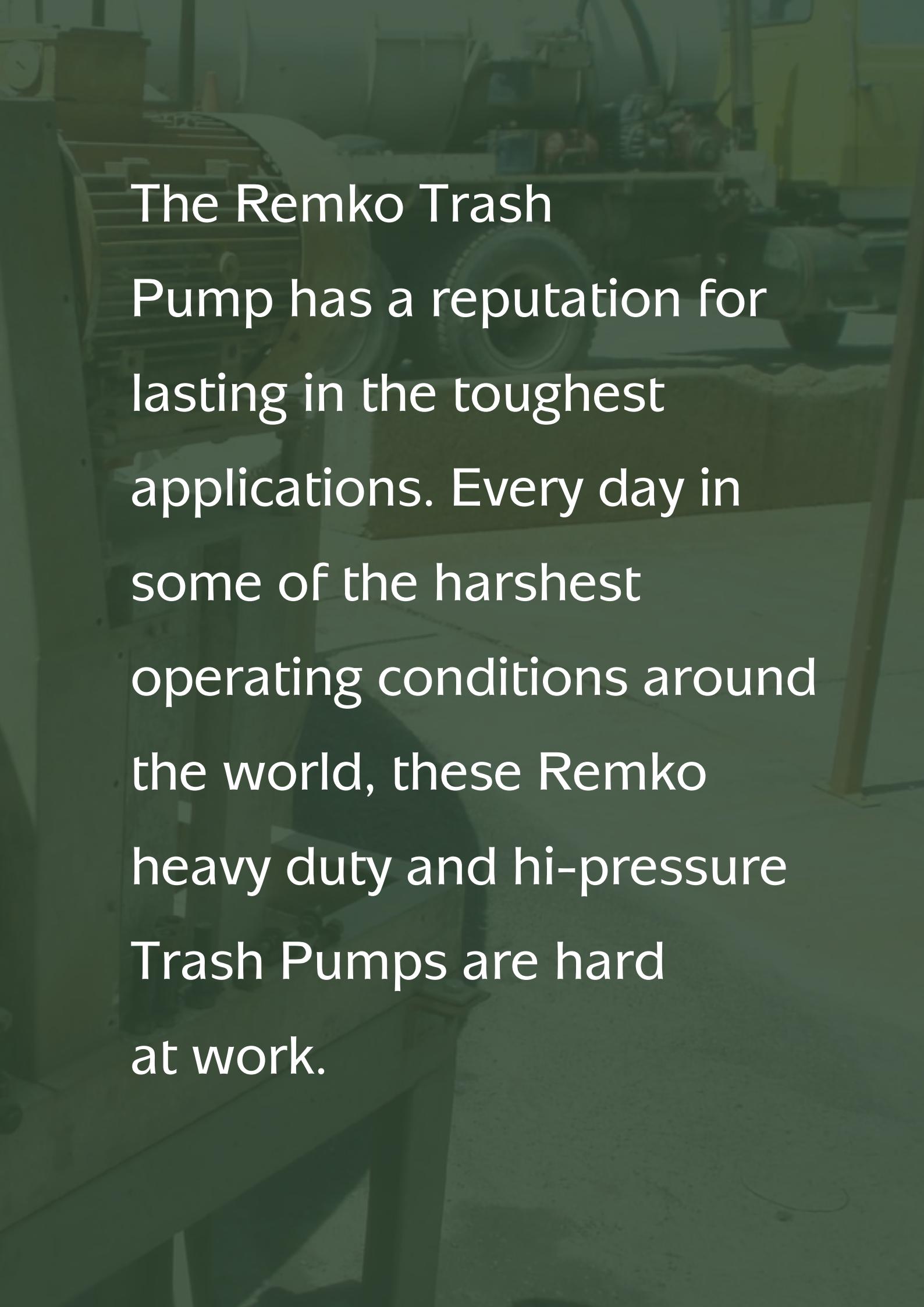


**Solids Handling up to 31mm**





Remko  
built to be  
tough!

A large industrial pump unit with a conveyor belt and a truck in the background.

The Remko Trash Pump has a reputation for lasting in the toughest applications. Every day in some of the harshest operating conditions around the world, these Remko heavy duty and hi-pressure Trash Pumps are hard at work.

- SOLID REPUTATION
- ROBUST CONSTRUCTION
- SELF PRIMING
- BACK PULL-OUT DESIGN
- LOW INSTALLATION COSTS
- EASY MAINTENANCE
- GUARANTEED SUPPORT

# Proven Performance

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## CONFIGURATION

Remko Pumps can be supplied in many configurations to meet many industry and mining applications. They are designed for economic trouble free operation in handling solids laden liquids and slurries.

## CONSTRUCTION

Remko 316 Stainless Steel Pumps are ideal for corrosive and aggressive liquids. Pumps are available in different materials suited to handle the toughest environments.

## AUTOMATIC REPRIME

Pumps feature large volute which allow them to reprime automatically.

## SPARE PARTS

Remko is supported by a complete range of parts to keep your pumps in top condition.

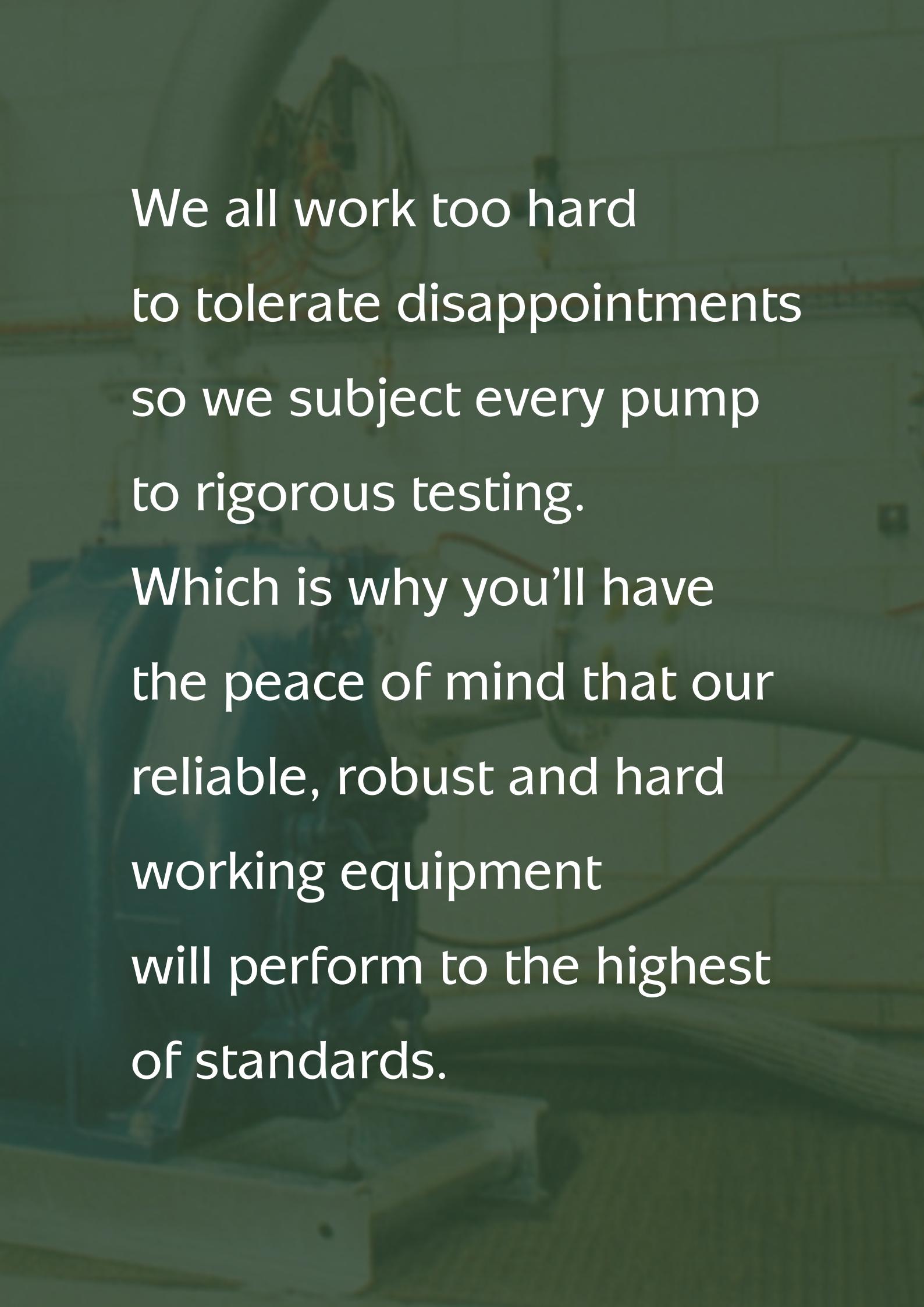
**LOW SERVICE COSTS** Removable back plate design enables quick and easy access to the pump internals with very low service costs.



- MAJOR CONSTRUCTION
- MINING INDUSTRY
- COUNCILS AND GOVERNMENT
- PUMP CONSULTANTS
- DEFENCE ORGANISATIONS
- PUMP COMPANIES
- ENGINEERS



Remko  
reliability  
tested.



We all work too hard  
to tolerate disappointments  
so we subject every pump  
to rigorous testing.

Which is why you'll have  
the peace of mind that our  
reliable, robust and hard  
working equipment  
will perform to the highest  
of standards.

## ***REMKO DISTRIBUTION NETWORK***



Remko quality heavy duty and hi-pressure trash pumps are distributed to suppliers and clients throughout Australia and New Zealand.

Remko 1800 333 424