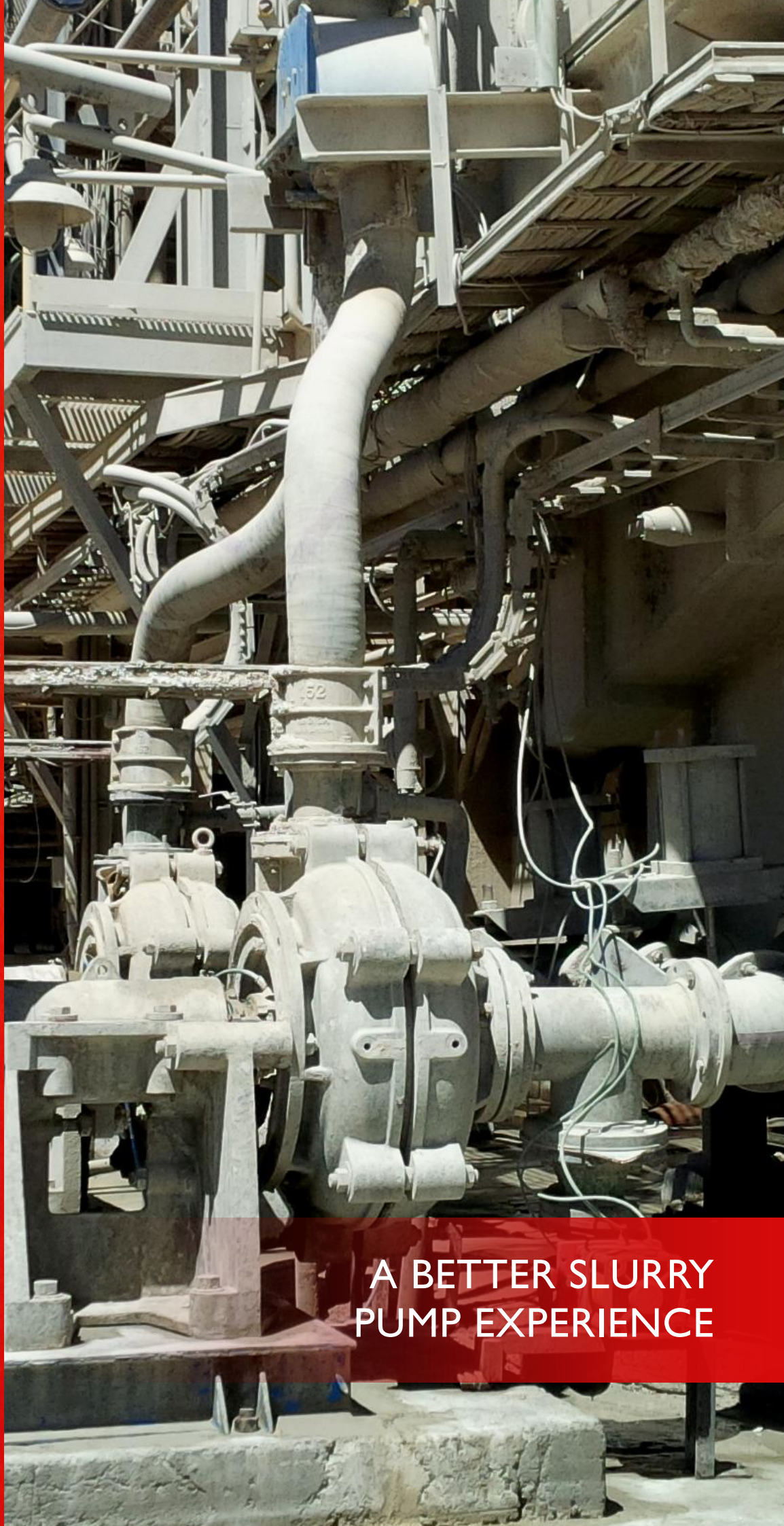


# SLURRYPRO<sup>®</sup>



A BETTER SLURRY  
PUMP EXPERIENCE





In your market,  
SlurryPro are  
distributed by  
our partners  
Atlantic Pumps



**ATLANTIC  
PUMPS**

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11 Orgreave Close  
Dore House Industrial Estate,  
Sheffield, South Yorkshire  
S13 9NP, UK



**SLURRYPRO<sup>®</sup>**

## **A Better Experience**

SlurryPro originated from a firm belief that your slurry pump experience could and should be better. In response to industry feedback and frustration with service and response times, SlurryPro Pumps has introduced a customer-centric focus and revolutionized the end-user experience.

The core management team bring years of experience from the Australian and South American mining industry. This tough and unforgiving environment was the perfect birth place for a range of pumps focusing on superior wear life and reduced lifetime costs. We focus on the vital need to reduce downtime in our key markets of mining, chemicals and mineral processing.

Our range includes horizontal and vertical centrifugal slurry pumps, all designed for use in the heaviest duty applications such as mill discharge, process plant and tailings applications. They are also widely used in sand washing and recycling applications, as well as specialist areas such as difficult food washing and other abrasive processes.

We understand that reducing downtime relies on rapid and cost effective parts availability. With this in mind, we have invested heavily in stock within our distribution companies, leading to the fastest quoting and delivery times in the industry.

In short, if you're looking for a better slurry pump experience, including superior wear life, reduced lifetime cost and ease of ongoing maintenance there is quite simply no alternative to SlurryPro.

## **Silver Series**

### **Upgrade with interchangeable technology**

The SlurryPro Silver Series is a heavy duty, proven range of horizontal and vertical slurry pumps in a wide range of sizes, available with both high chrome and different grades of rubber wearing parts. The SlurryPro Silver Series pump and spares range allows you to continue using your current pump and pipe work configuration.

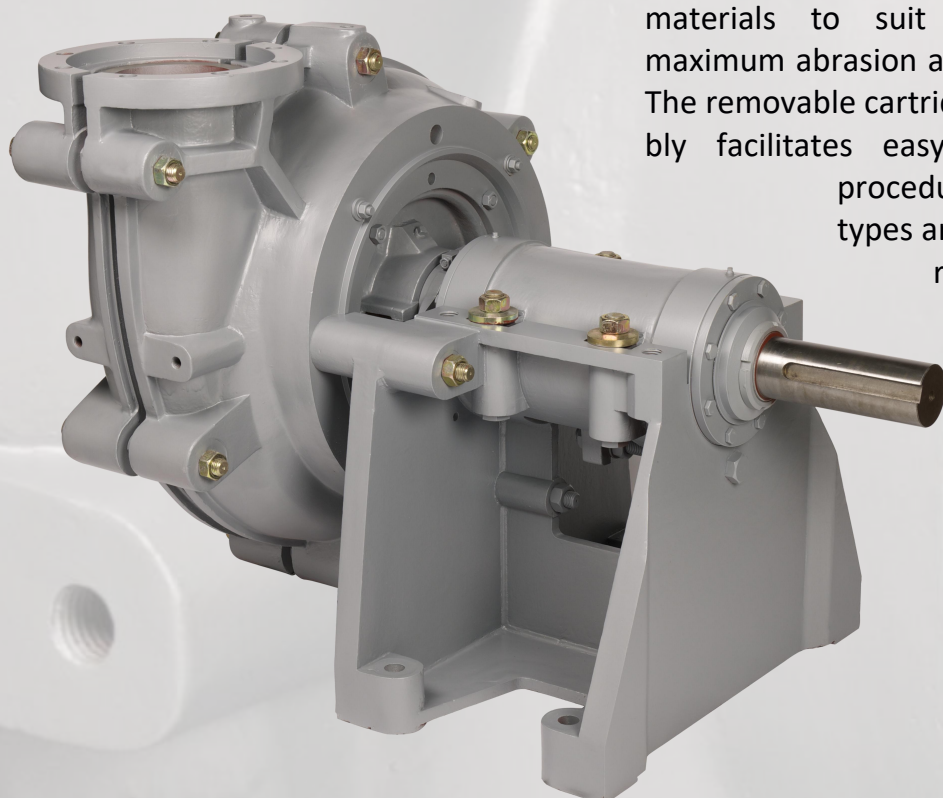


## Vertical - SV Series



This heavy duty range features a cantilever shaft design that eliminates any bearings or seals in the fluid end. An ideal pump for heavy slurry wash down and spill duties. A full range of material options including complete elastomer lined pumps and hard metal options for corrosive and abrasive media duties. Pumps in all sizes can be configured with a range of column lengths and impeller designs. They are ideal for corrosive coarse particles and high concentrations of slag pulp and are widely used in the metallurgical, mining and coal industries.

## Horizontal - SS Series



A complete range of sizes are available across the full selection of pump types and materials. Components come in a range of elastomer and hard metal types and materials to suit any application, for maximum abrasion and corrosion resistance. The removable cartridge-type bearing assembly facilitates easy on-site maintenance procedures. A range of seal types are provided to suit every requirement, including mechanical shaft seals to eliminate gland sealing water, are available.

## Spares & Parts

SlurryPro are committed to the production of high quality spares at fair prices.

Slurry pump parts and spares are available in rubber and high chrome as well as in the unique SlurryPro PPC material which is manufactured here in the UK to incredibly high standards.

These slurry pump parts are also interchangeable with spares for most other slurry pumps and we can guarantee substantial savings in almost every incidence. In addition, we work with our key clients to ensure unrivalled service levels through our unique stock management solutions. For further information enquire today.

### Product Features

- A complete range of slurry pump parts and spares are available across the full selection of pump sizes.
- Components come in a range of elastomer and hard metal types and materials to suit any application, for maximum abrasion and corrosion resistance.
- Competitive pricing
- Rapid delivery times
- Unique stock solutions
- Global availability and expertise.

## Traceability

All parts are submitted to a rigorous quality control standard and machining of many critical parts is performed in house. All processes are logged ensuring 100% traceability from foundry to end user.

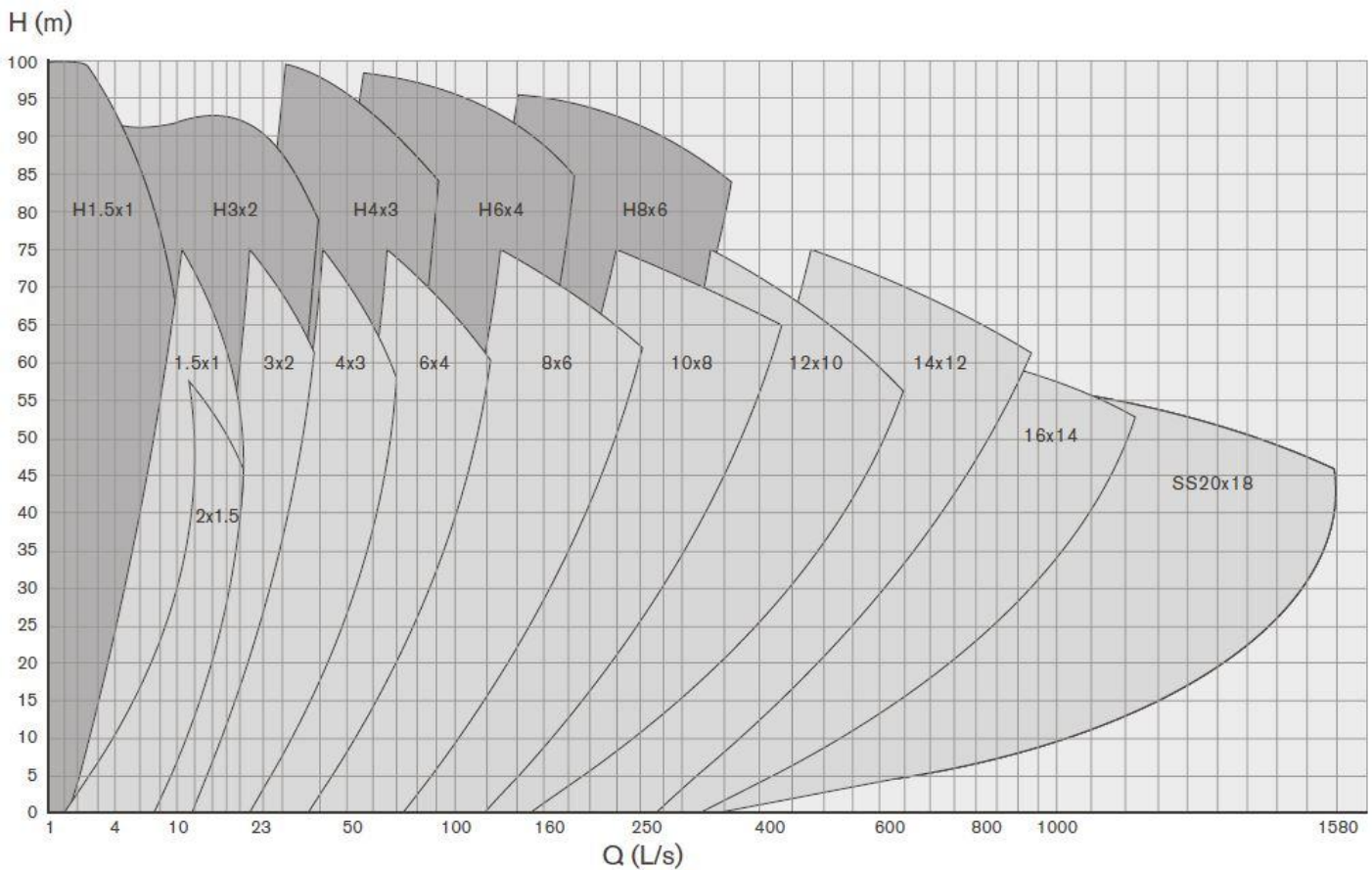
## R&D and Manufacturing

A world class LEAN manufacturing facility and the latest in CNC machining centres ensure rapid supply for both spare parts and pumps – even special configurations. Extensive experience with 3D modelling and FEA software ensure SlurryPro products keep ahead of customers demands.

SlurryPro are committed to continued product development and innovation. Current projects include a revolutionary solution to pumping problems in some of the world's toughest climates, alongside continued software developments integrating our pumps with the Internet of Things.



# Standard Series Horizontal Performance Curves

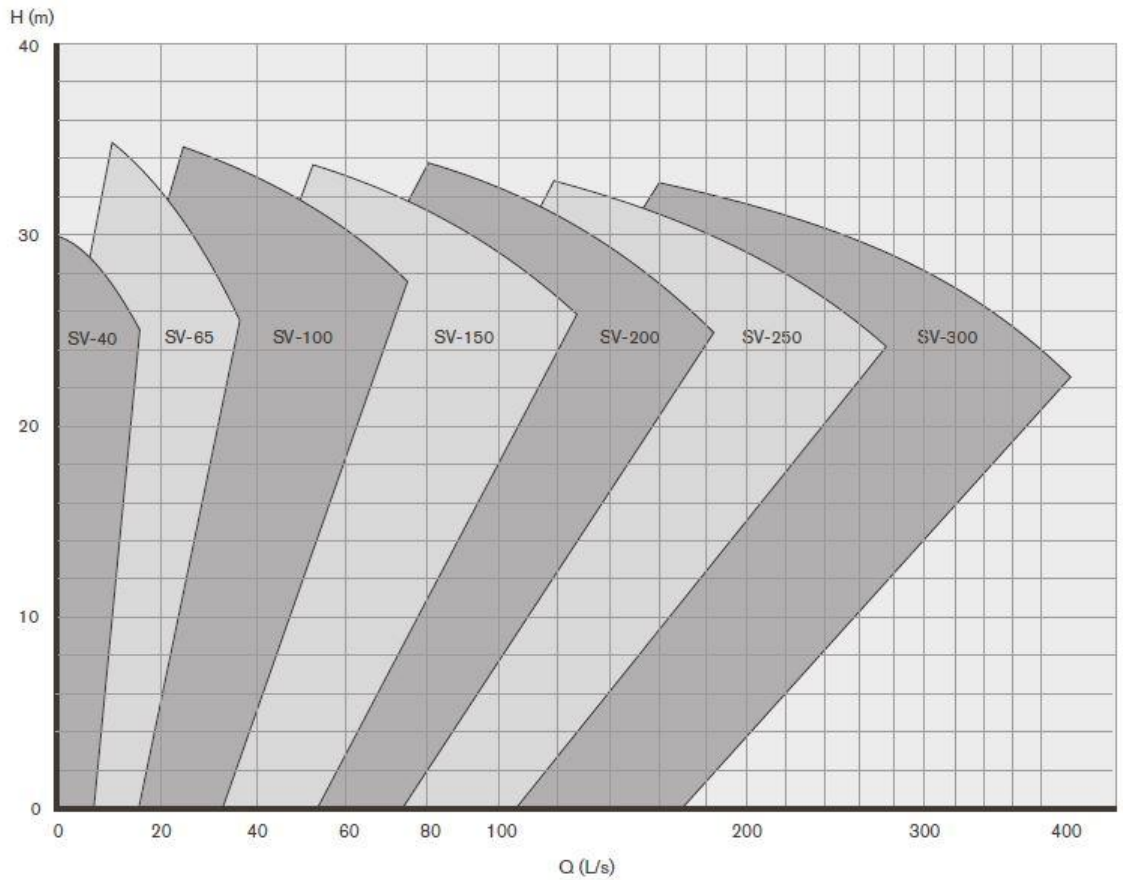


The selection chart should be used as a basic guide only. This chart indicates the range and quantity of flow available from pumps with standard impellers. It can also, however, be used to obtain a preliminary pump selection providing the user is able to estimate the quantity of slurry to be pumped and the developed head required.

## SlurryPro 377

SlurryPro 377 material is a high density polymeric with excellent resistance to abrasion and chemical attack. It is available as impeller and volute material in SlurryPro horizontal pumps. It provides an excellent alternative for brines, fluids with crystallization and sludge chemicals, among others. It has the same dimensions as other coating materials such as SlurryPro 360 (rubber) and SlurryPro 331 (long-lasting high chrome) so it is interchangeable without modifying the pump.

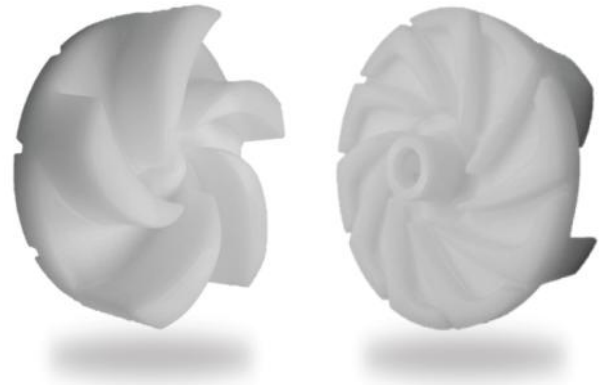
# Vertical Series Performance Curves



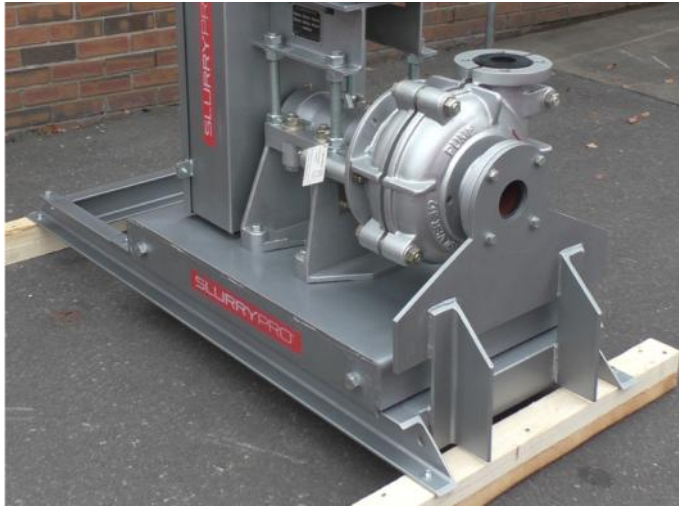
The selection chart should be used as a basic guide only. This chart indicates the range and quantity of flow available from pumps with standard impellers. It can also, however, be used to obtain a preliminary pump selection providing the user is able to estimate the quantity of slurry to be pumped and the developed head required.

## 377 Key Points:

- Temperature range - 100 c to 80 c
- Excellent impact resistance
- Low friction coefficient for better pumping efficiency
- Lightweight and extremely robust
- FDA approved for contact with food
- Excellent chemical resistance  
(ask for specific chemicals)



## Case Study: **Sliding Base**



## Background

Harsco Metals & Minerals provide logistics and resource recovery services for the steel industry, operating at more than 160 customer locations across 30 countries.

A visit to their Scunthorpe site by Atlantic Pumps' Sales Manager, Nathan Rowles revealed that their existing slurry pump was not only difficult to maintain but they were being overcharged for slurry pump parts and being quoted longer than acceptable lead times.

## Solution

It was decided that the client would be best served by a 3x2 Silver Series horizontal, centrifugal slurry pump from SlurryPro featuring a different seal arrangement to the one on their current pump.

Given the limited space available at the site, the pump would be built upon a bespoke sliding base. This would enable the client to undertake easier inspection and maintenance of the slurry pump and reduce repair time - thus keeping any future downtime to a minimum.

In addition to a new slurry pump, Harsco Metals will also benefit from Atlantic Pumps large stock of SlurryPro parts - all available for next day delivery from our Sheffield-based premises.

Watch our SlurryPro Sliding Base Video online at [www.atlanticpumps.co.uk/products/slurrypro-sliding-base](http://www.atlanticpumps.co.uk/products/slurrypro-sliding-base)



# Case Study: **Cymru Industrial Supplies Ltd**

(for Tata Steel)

## Background

Cymru Industrial Supplies Ltd are one of the pump suppliers to Tata Steel at Port Talbot. Tata is Europe's second largest steel producer, with steelmaking in the UK and Netherlands, and manufacturing plants across Europe. When a pump failed on the Port Talbot site at the start of November, Cymru contacted the original pump manufacturer who quoted a lead time of ten weeks. Cymru needed to source a replacement pump that day and have it operational quickly, to avoid costly issues (calculated at over £200,000) related to the pumping of dirty slurry in the manufacturing process.

## Solution

Cymru Industrial Supplies found Atlantic Pumps online. They had seen from our website that we stocked new and refurbished pumps; a conversation with our sales team led them to become interested in - and go on to purchase - a new SlurryPro 4x3 slurry pump. The SlurryPro 4x3 is a horizontal centrifugal slurry pump designed for highly abrasive applications. The pump features an oversize shaft and bearing for zero shaft deflection plus 'run cool' bearing house for longer bearing lubrication life.

The order was placed in the morning and the pump was delivered to the Port Talbot site the very same day from our large, well-stocked Sheffield warehouse. The pump arrived on time at 2 o'clock and was being installed by 3 o'clock. Cymru Industrial Supplies were very satisfied with Atlantic's involvement and have since gone on to purchase a backup SlurryPro 4x3 from us. This wasn't the first time Atlantic Pumps have been called upon to supply a suitable pump to a site at very short notice; it's something our knowledgeable, trained staff handle comfortably on a regular basis.

When downtime can cost into the tens of thousands of pounds an hour and, as we've seen here, fines can potentially cost hundreds of thousands of pounds, having a supplier who stocks and supplies pumps and parts on very short lead times is a necessity to all. This, combined with our ability to supply quotes within the hour and our desire to help clients save money are just some of the reasons many are now turning to Atlantic Pumps as their chosen pump supplier.



# Diamond Series

## Not Heavy Duty, Super Duty!

Over 100 years of mining industry pump experience focused on delivering a PREMIUM range of slurry pumps. The result: the SlurryPro DIAMOND Pump Series.

*“Reducing downtime and maintenance costs”*

### Fast Response Globally

With profiled reserve stocks of components and a world class lean manufacturing system, delivery of pumps and parts, and associated engineering support is the fastest in the industry – across 4 different continents. SlurryPro has on-the-ground presence in Australia, South America, Europe, and the United States.

### Innovation Today for Tomorrows Demands

Engineering design improvements ensure that SlurryPro Pumps continue running long after conventional designs have given up. Innovative design features allow the pumps to run cooler, improving operating efficiencies and greatly reduce downtime failures. A unique bearing housing design and modular “no fuss” sealing system, liner and wear part options, make for a pump that really suits your application. Attention to detail – small details that add up to make a big difference.

### Focused on the Mining Industry

Proven performance in a demanding industry with support and back-up by experienced regional mining industry specialists adds local knowledge to each pump unit supplied.





### **Product and Part Accountability to Each and Every Customer**

Quality control, including identification and traceability of components from foundry to end-user, ensure that parts consistently perform beyond industry expectations.

### **Special Configurations, Fast!**

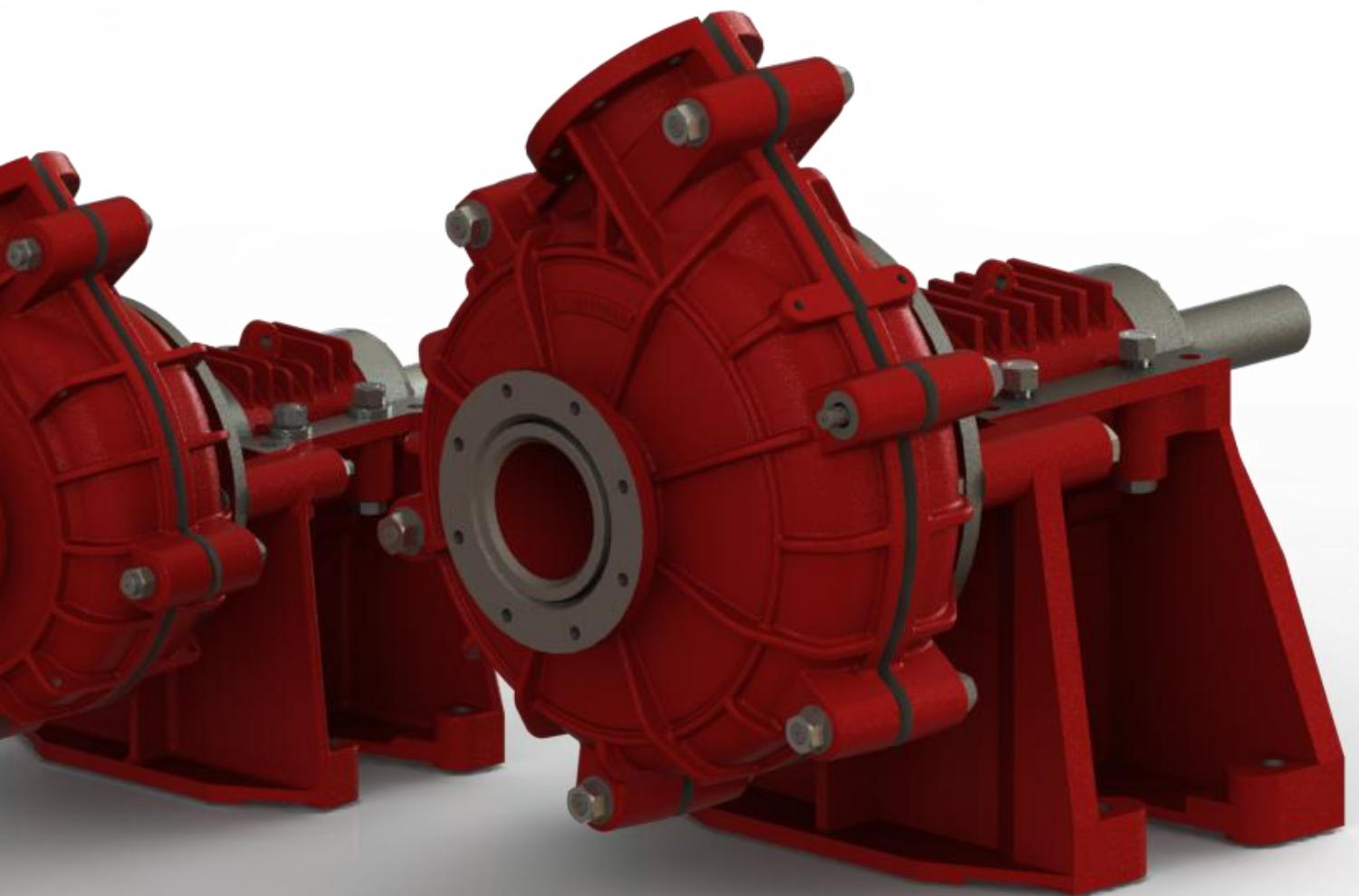
State-of-the-art manufacturing procedures make for reduced turnaround times, even for alternative pump configurations and built-up skids.

### **Not Just Heavy Duty, Super Duty!**

Designed for the worst duties with oversized shafts and bearings, thicker casings and reinforcing ribs, SlurryPro Pumps continue to deliver even in the most arduous conditions.

### **Effortless Upgrade**

Critical dimensions are interchangeable to other common centrifugal slurry pump designs making it easy to trade up for a SlurryPro.



In your market, SlurryPro are distributed by our partners  
Atlantic Pumps. For further details please contact:

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e: [info@atlanticpumps.co.uk](mailto:info@atlanticpumps.co.uk)

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**ATLANTIC  
PUMPS**

Released  
Jan 17

SLURRYPRO