

The background is a photograph of an industrial facility, possibly a refinery or chemical plant, featuring complex piping, structural steel, and large storage tanks. A semi-transparent teal overlay covers the entire image. In the upper left, there is a teal circle containing the word 'intrax' in white.

**intrax**

Providing pump solutions to industry, globally

group brochure | [intraxglobal.com](http://intraxglobal.com)



## From the Directors

Intrax is a global leader in pumps and pumping solutions for abrasive and aggressive industrial applications. We are best known for our excellence in bringing innovative and cost-saving ideas to our customers as well as offering unrivalled levels of customer service and responsiveness. The company is registered in the United Kingdom and trades under a number of different styles in different regions and market sectors. A number of our brands are detailed on this page.



**AUDEX**

**GROMATEX™**



**SLURRYPRO®**

**TECHNIFLO**





## Focus

Intrax tackles aggressive and abrasive pumping challenges that conventional pump manufacturers shy away from. An in-depth cross-organizational knowledge of aggressive fluid handling and an association with leading polymer developers and foundries globally provides a level of expertise disproportionate to the individual companies and brands.

## Empathy

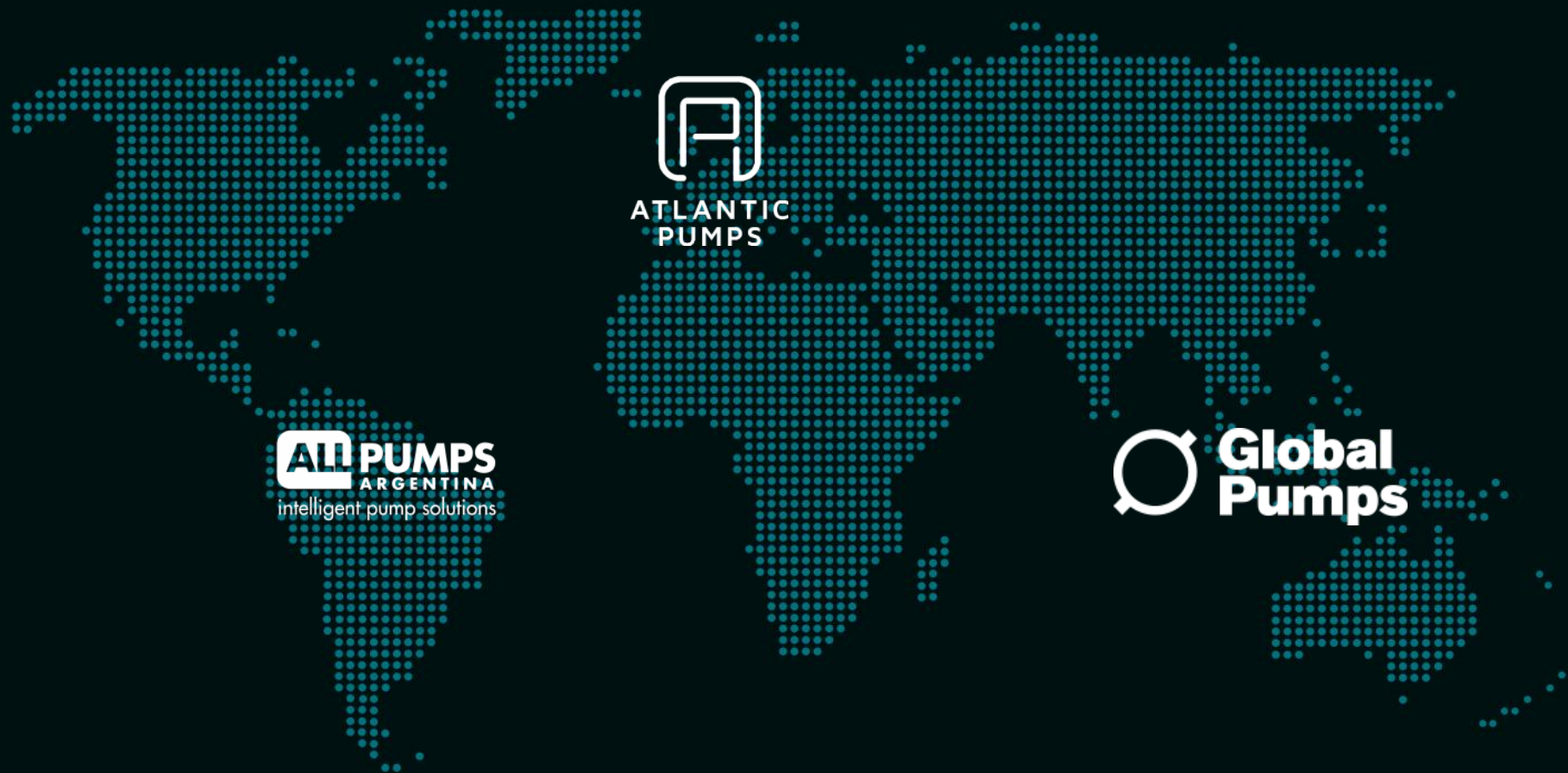
The Intrax companies and brands have truly evolved to relieve customer pain points and hence bring a refreshingly different approach to the rigid stance often taken by market incumbents. Intrax products have also evolved intelligently, influenced by individual customers demands, and this progress is on-going.

## Energy

Our partners often comment on the energy and motivation within our companies and how enjoyable it makes their interactions with us. We think that this is because of the ethos of our brilliant, highly-trained workforce who have been recruited to deliver cutting-edge solutions without the prejudices of a lifetime of offering conventional and often outdated technology.

## Innovation

A relentless drive to improve on the status quo of high value pump installations. Intrax has a culture of market disruption bringing value to customers, ranging from small, yet significant, product modifications which address regional challenges, to in-depth R&D and new product designs.





## All Pumps Argentina

A specialist pump manufacturer with a focus on aggressive and abrasive fluids in the mining, chemical, petrochemical and water treatment industries across Argentina and the region. Operating to international standards with ISO9001, Trace and Siclar accreditations, All Pumps Argentina S.A. is a key local partner to multinational primary industry organisations. A dynamic and bilingual team interact with customers to gain a thorough understanding of requirements from initial project scope to commissioning and ongoing maintenance support.



## Atlantic Pumps

A customer service driven company, Atlantic Pumps specialise in slurry and dewatering pumps for abrasive applications. We believe passionately that through intelligent specification we can reduce downtime and associated costs. Our primary focus is in mines, quarries, mineral processing OEM's and recycling markets throughout Europe, the Middle East and North Africa.



## Global Pumps

Established in 1977, Global Pumps delivers innovative solutions for difficult and challenging pumping applications with an uncompromising focus on reliability. We provide expert advice and stock an extensive range of unique pumps and spares sourced from around the globe. Our technical service and engineering division manufactures and repairs pumps with fast turnaround, and we deliver anywhere in the world.



### Mining

Some of the most demanding pump applications are found in mining. There are a wide range of pump requirements in the mining sector and we've made this a main area to specialise in. Our approach is driven by long term cost savings driven by effective supply chains, longer wear life and energy efficiency. We are continually developing better materials and innovating for the tough and difficult applications that area in mining processes around the globe.



### Quarrying

The quarrying industry requires durable, high-performance equipment that can stand years of wear in rugged environments. High quality, high performance centrifugal and submersible slurry pumps are at the core of our product range, which has been hand selected to offer products that are consistently reliable in environments where water and solids need to be removed or controlled. The aggregates market is a competitive area, requiring equipment which is cost effective in the long term. Downtime is simply not an option and we are always striving to improve our products and services to this end. By providing pumps you can rely on, we can massively reduce your maintenance costs. What's more, we pride ourselves on providing the fastest response time, thereby reducing your downtime to insignificant levels and keeping your business moving at all times.





## Oil and Gas

Despite being largely dominated by API standard pumps such as the Techniflo API series, the Oil and Gas industry demands large amounts of reliable auxiliary pumps such as the AUDEX and MUDPRO ranges. Intrax products perform reliably from the most demanding and rugged upstream conditions to flood control in complex refineries. Due to the sheer volume of product and size of site operations requirements are often extremely time critical and this is recognised by Intrax partners around the world who are committed to providing industry leading response times.



## Chemical

The harsh environments, variable system conditions and high value fluids found in the chemical industry require robust, chemical resistant and reliable pump technologies. This typically challenging environment provides multiple opportunities to generate serious savings through implementation of new technology such as the non-metallic range of Techniflo pumps. Intrax products have successfully pumped billions of litres of the most corrosive and complex fluids including diluted and dirty acids and chemically aggressive slurries.

## Our Customers



## Our Customers

Intrax have been honoured to work with many companies ranging from well-known global corporations to small independents. We work to understand your corporate goals, which makes our solutions more appropriate and compatible to your needs. We are committed to delivering consistent customer service wherever you are located in the world and whatever the size of your operation.





## Research & Development

Innovation is one of the founding principles of Intrax. We have a culture of market disruption which has come out of our constant desire to bring better value to our customers. We look for improvements in every part of the industry, from minor product modifications to complete new product designs, from finding completely new abrasion-resistant pump-lining materials to being at the forefront of the “Internet of Things.” We are working with our partners in the industry, globally-recognised research institutions and innovative software development companies to bring many exciting projects to the market. We retain a focus on our customers in our core markets, aiming to make their lives easier and maintain excellent customer service.

### The Pump Register

The new online tool that helps oversee your pumps and maintain the highest level of service. The Pump Register from Intrax is an online tool upon which we record all the details of the pumps on your sites, including make, model, head, flow, application, general notes and a photo. We visit your sites, register all the pumps for you and add a unique serial number. This tool massively speeds up quoting and hence delivery time if you have a pump that goes down. It helps identify details when new spares are required, and allows service reminders to be set up and services logged. In addition to the above points, the Register is also a portal where users can log in to and add their own pumps and record services themselves. Site managers have access to all the pumps on their site, whilst area managers are granted access to the pumps at all of the sites in their region.

# AUDEX

One of the fastest growing submersible pump manufacturers in the world, Audex are committed to producing quality pumps at a reasonable price.

Audex submersible pumps are engineered for use in the abrasive environments found in the quarrying and mining industries. Available in a range of sizes from 2" to 8" discharge, these robust pumps feature heavy-duty cast bodies, oversize shaft and bearings, hardened impellers and nitrile-lined diffusers and wear plates to maximize wear life when pumping abrasive liquids. Polyurethane lined diffuser and wear plates are available for extreme wear applications and the pumps are available in high head and stainless steel variants.

The Audex range of pumps are available with a seal leak detector system. This monitors moisture levels and shuts down the pump in the event of seal wear or failure. This avoids costly rewinds and allows for a quick parts replacement without a costly full pump rebuild. Audex pumps also allow you to adjust the diffuser to compensate for wear.





## GROMATEX™

Gromatex is a manufacturer of slurry pump spares and slurry hose, and is rapidly becoming a by-word for durability in wearing pump parts.

Manufactured in the UK using a unique elastomer compound, this material has the same characteristics as traditional rubber products but is tougher and more abrasion resistant. This has the potential to give incredible cost savings, both in terms of the replacement costs and, perhaps more importantly, in reduced downtime.

Gromatex have developed their range exclusively for the pump market and produce parts which are compatible with the Linatex, Metso and Warman ranges. It has been designed with abrasive slurry very much in mind and has been proven in some of the most extreme environments including acidic sands, fine slurries and chemical applications. It has also been tested and proved in the mining industry, playing a central role in increasing wear life in some of the most demanding mineral processing applications.

Product development is a key to the on-going success of the Gromatex range and we welcome feedback and fresh challenges. Ultimately, our aim is to reduce our customer's maintenance and downtime anxiety and this drives us on to create ever tougher and more resilient products.







# SLURRYPRO®

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.



Chemical process pumps developed by the chemical process specialists. Techniflo pumps have pioneered the safe transfer of aggressive applications such as sodium hypochlorite, sulphuric acid, nitric acid and sodium hydroxide for over 20 years.

With a huge portfolio of chemically resistant metallic and non-metallic configurations the Techniflo pump designs are widely applied across the chemical, mining and petrochemical industries. Techniflo pumps typically replace conventional pump types reducing downtime and operational costs.

Given the aggressive and often dangerous applications for Techniflo pumps a focus on reliable and innovative designs ensures that end users receive the most effective pump solution under ANSI, API or non-standard configuration.

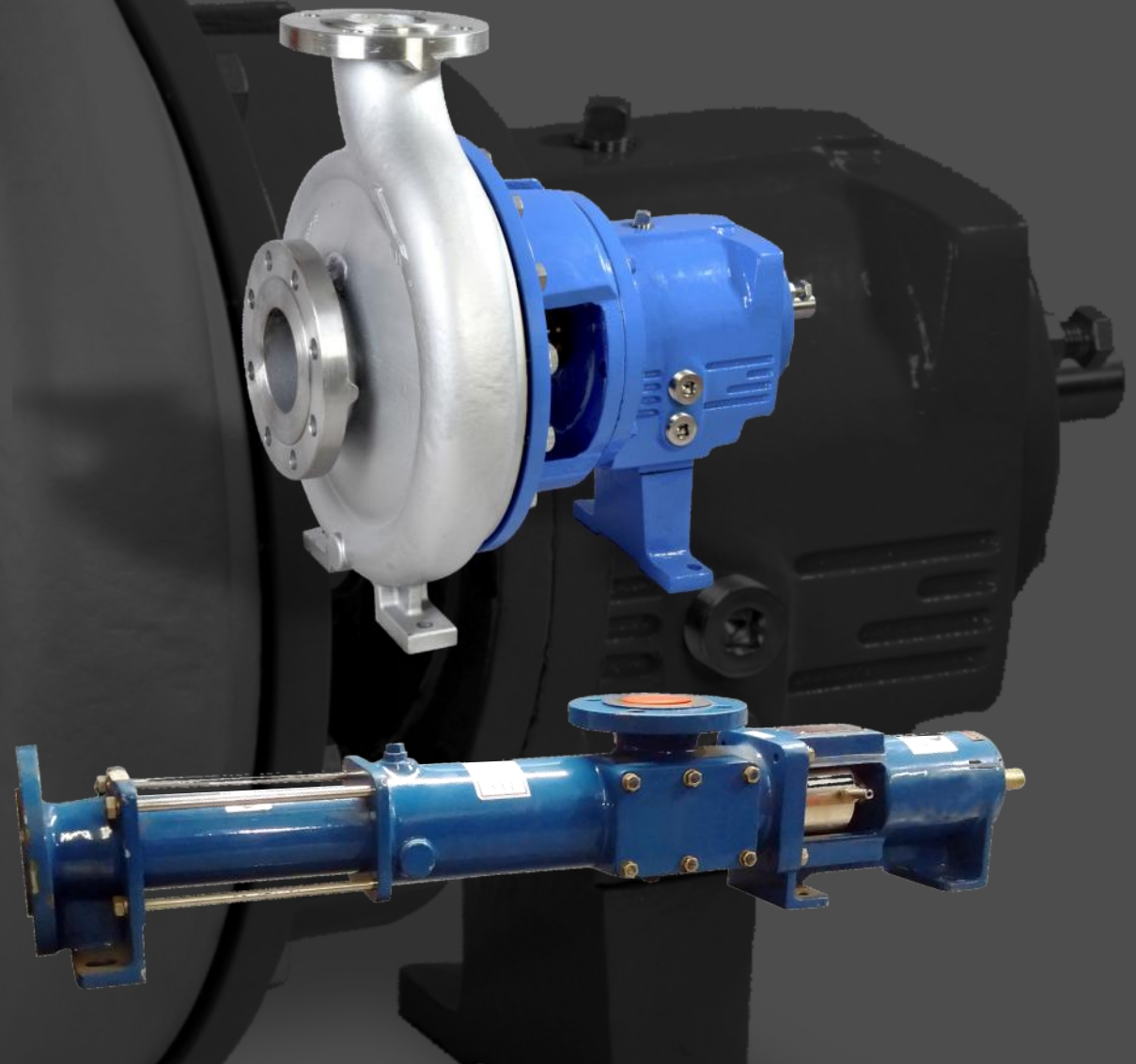




A range of ANSI dimensional centrifugal process pumps and heavy duty progressive cavity pumps designed by engineers frustrated by repeated failures found within major brand manufacturers. Developed for punishing / demanding, high load applications in the mining, chemical, manufacturing and water treatment industries.

With oversized bearings and power trains TORO pumps typically run more reliably and cooler meaning less downtime, better plant efficiencies and reduced operating costs for the end user. Details leading to increased reliability such as powder coated bearing housings, labyrinth bearing protectors and magnetic drain plugs are standard in the TORO ANSI pump range.

For the TORO progressive cavity pumps the ability to deliver at reduced rpm with oversized bearings and transmission components ensures industry leading MTBF (mean time between failure).





## Testimonials

“your approach is so refreshing”

Senior Procurement Executive, Imerys

“Products are fit for purpose and backup is good. Spare parts readily available”

Michael, Instrument Coordinator, SA Water

“your speed of delivery of slurry pumps has transformed our ability to deliver major projects”

MD of major wash-plant manufacturer

“now I know who my friends are, Paul! The next-day delivery of slurry pump spares arrived by 2pm as promised”

Relieved quarry manager

“the improvement in quality of the aggregate due to the SlurryPro pump you installed now means work is being diverted to this wharf from other wharves in the area”

Manager of Cemex Marine site

# Intrax Companies Cooperate to Provide Solution for Lithium Mine

From the engineering phase to on site commissioning on the other side of the world, Intrax companies are able to provide industry specific support for OEMs, engineering companies and end users. In a typical multidisciplinary approach, Intrax company Global Pumps developed a range of pumping solutions with a Melbourne based engineering company for a Lithium processing pilot plant. When the plant was shipped to the “lithium triangle” (the top of Argentina, Chile and Bolivia) another Intrax company, All Pumps Argentina, was able to provide on the ground technical support.

The pilot plant is now entering stage two and equipped with local knowledge Global Pumps engineers were able to specify latest generation equipment using a mix of Intrax brands and other market leading manufacturers and at the same time ensure that components such as motors and gearboxes were fitted locally from readily available local manufacturers. In addition to start up assistance, All Pumps Argentina were able to assist the customer navigate local legal and legislative requirements and approvals to get the project stage completed on time. Key criteria for selection of a pump supplier for the Lithium project were:

- A supplier who understands and focuses on aggressive and abrasive fluid pump systems
- A supplier with the ability to provide start up support
- A partner to ensure compliance with specific regional legal and technical requirements
- The ability to provide locally supported components and boots on the ground support
- Reliability and ongoing support (Intrax products have a standard 5 year guarantee)

## Time is Money in the Readymix Industry

Atlantic Pumps recently demonstrated their ability to supply industry at short notice when they came to the rescue of a readymix site, helping to avert a costly site closure. The UK based pump distributor was contacted by Hanson's Justin Johnson, District Operations Manager for the Manchester area, after a submersible pump used to drain a recycled water tank failed, leaving the tank in danger of overflowing. This would have damaged the plant, breached the conditions of the environmental permit and caused costly downtime. The Atlantic Pumps team had an Audex AS Series 3 inch – 5.5kW pump installed and operational on site in under four hours from Justin's initial phone call to their office! Commenting on the speed of the operation, Managing Director, Andy Smith said “It has been the guiding principle from day one at Atlantic Pumps that we respond to our customers' needs quickly. In this instance it was clearly demonstrated that rapid assistance to a customer's needs saved them from some large costs. With the ready-mix industry showing welcome growth, the uptime of a plant is more valuable than ever. We are here to ensure your business keeps working and delivering you a return on investment.”

## Slurry Pumping in San Juan Province, Argentina

When a gold mine required resolution for an abrasive slurry transfer duty they turned to Slurrypro.

An initial order of two 8x6 SlurryPro pumps and a 4x3 pump were supplied with the legendary 331 liners and impellers suitable for the most abrasive slurries. After three years of successful operation the process plant underwent a number of design changes which affected the required flow from the pumps. All Pumps - the local Intrax company - was able to work with the process plant manager not only to resize the pump drive to adjust to the new duty point but additionally optimizing wearing part life.

Key factors in making the decision to move ahead with SlurryPro were:

- Extremely robust design and oversized bearing arrangement
- Local availability of spare parts, service and technical expertise
- Existing relationship with local Intrax company
- Lead time and on site presence for pump start up and ongoing maintenance

## Pumps for a Major Washing Plant Manufacturer

A leading manufacturer of washing plant systems used in the quarry, sand & gravel and recycling industries was experiencing frustrations when sourcing slurry pumps for their systems. They were finding the lead times quoted by their existing supplier stretching to three months or more, forcing them to hold larger stocks than they wanted, and slowing down the delivery of their systems, which are exported all over the world.

Atlantic Pumps, with their clear focus on pumping solutions for abrasive applications, and their commitment to rapid response and supply, are natural suppliers to this industry. They are working with a number of OEMs to ensure the sourcing of pumps for their equipment is a pleasure not a pain. Their on-going product development and research into longer-lasting wear parts is of interest to these companies and to the end-users of these systems.



# Transferring Copper Electrolyte Mixture with Techniflo Mag Drive Pumps

Techniflo Mag Drive pumps used to transfer copper sulphate and sulphuric acid. Global Pumps received an enquiry for a high quality pump capable of transferring copper electrolyte mixture. The mixture, consisting of copper sulphate and sulphuric acid, also had a few suspended solids making it a very abrasive and corrosive media for any pump. Therefore, the client was after a durable pump that could withstand the effects of corrosion and wearing without internal damage.

Global Pumps carries a wide range of specialty pumps for harsh pumping applications and when faced with unique applications like this one, engage in analysing a variety of pumps and their specs in order to select just the right pump for the application at hand. In this case, the Global Pumps sales team chose a model from their specialty range of Techniflo Mag Drive Pumps. These pumps are designed for handling corrosive media such as the copper electrolyte mixture, and are made from professionally tested hard-wearing materials, including ETFE (Ethylene tetrafluoroethylene).

The pump duty is 90m<sup>3</sup>/hour at 30m head pressure enabling it to effectively process large quantities of liquid. The pump also has a leak-free design as it has no mechanical seals or gland packing and is driven by rotating magnets. This is a huge benefit as it eliminates the need of replacing the wearing seals, encases the liquid and reduces the power needed to run the pump. Techniflo Mag Drive pumps are kept in stock in Global Pumps' warehouse and the pump was despatched to the customer less than one week after the enquiry was submitted.

The Techniflo Mag Drive pump has now been installed for over 3 months and the customer has been benefitting immensely from its efficiency and effectiveness. The ETFE internal body has withstood the corrosive substance exceptionally well and the pump is still performing like brand new.

## New CEMEX UK Marine Dredger to Feature SlurryPro Pumps

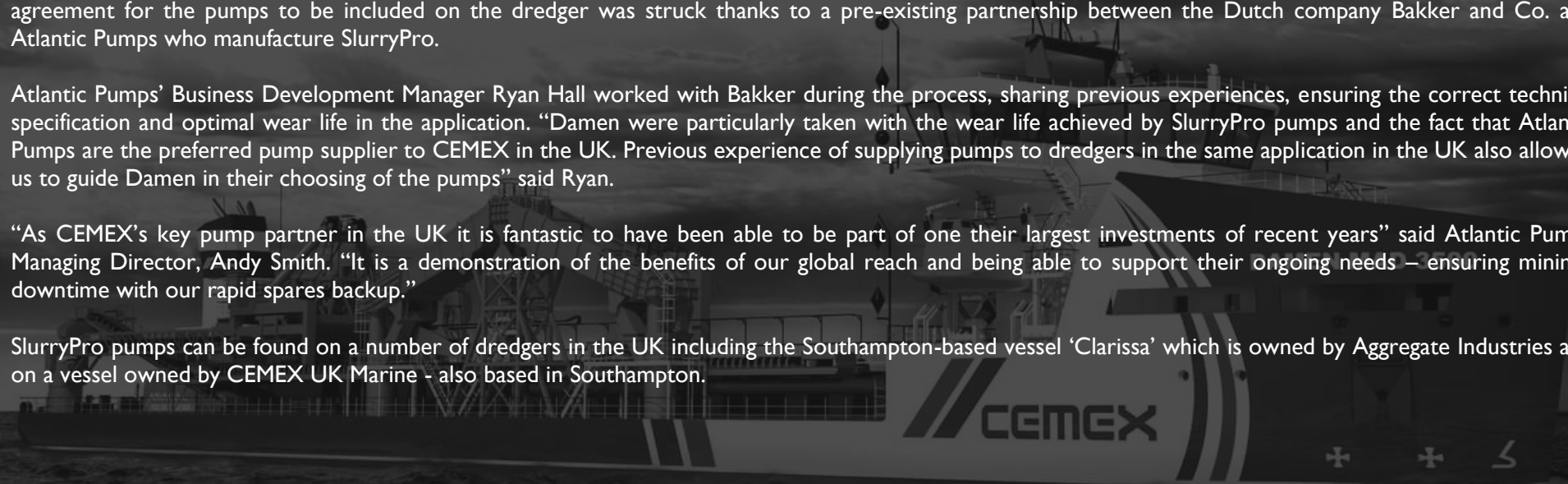
A new multi-million pound marine aggregates dredger will include two built-up SlurryPro 6x4 centrifugal pumps.

The CEMEX UK Marine dredger, which has recently been named 'CEMEX Go Innovation', is being built by the Dutch defence, shipbuilding, and engineering conglomerate Damen Shipyards Group and will be delivered in late 2019. The vessel is the first in the next generation of environmentally designed dredgers and is designed to extract sand and gravel from the sea bed up to depths of 55 metres, including in the challenging conditions experienced in the North Sea. An agreement for the pumps to be included on the dredger was struck thanks to a pre-existing partnership between the Dutch company Bakker and Co. and Atlantic Pumps who manufacture SlurryPro.

Atlantic Pumps' Business Development Manager Ryan Hall worked with Bakker during the process, sharing previous experiences, ensuring the correct technical specification and optimal wear life in the application. "Damen were particularly taken with the wear life achieved by SlurryPro pumps and the fact that Atlantic Pumps are the preferred pump supplier to CEMEX in the UK. Previous experience of supplying pumps to dredgers in the same application in the UK also allowed us to guide Damen in their choosing of the pumps" said Ryan.

"As CEMEX's key pump partner in the UK it is fantastic to have been able to be part of one their largest investments of recent years" said Atlantic Pumps Managing Director, Andy Smith. "It is a demonstration of the benefits of our global reach and being able to support their ongoing needs – ensuring minimal downtime with our rapid spares backup."

SlurryPro pumps can be found on a number of dredgers in the UK including the Southampton-based vessel 'Clarissa' which is owned by Aggregate Industries and on a vessel owned by CEMEX UK Marine - also based in Southampton.





From the engineering phase to on-site commissioning on the other side of the world, Intrax are able to provide industry specific support for OEMs, engineering companies and end users.



intrax

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