

The image shows a large-scale industrial processing facility, likely for minerals or aggregates. In the foreground, a yellow front-end loader is parked on a dirt surface. Behind it, a complex system of conveyor belts and metal structures is visible, with a large pool of muddy water. The background features a green field and a line of trees under a clear sky. A black banner with an orange border is positioned at the top of the image, containing the word 'GROMATEX' in white capital letters.

GROMATEX

**CONTAINING
ABRASIVE FLUIDS**



Providing pump solutions to industry, globally

Intrax is a global leader in specialist pumping equipment for difficult and challenging industrial applications. We are best known for excellence in bringing innovative and cost-saving ideas to our customers as well as offering unrivalled levels of customer service and response times.

Our combined wealth of experience and technical know-how in highly sophisticated applications has allowed us to work closely with the engineering teams on large-scale projects across the globe firmly establishing us as their trusted partner.



GROMATEX

an Intrax brand

Expertise

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.

Understanding

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 customer's 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recruited to deliver cutting-edge solutions without the prejudices of a lifetime of offering conventional and often outdated technology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

GROMATEX

THE GROMATEX STORY - “CONTAINING ABRASIVE FLUIDS”

Gromatex products are designed and manufactured to provide a long lasting but simple solution to containing and transporting abrasive fluids. A focus on heavy duty, abrasion resistant rubber and elastomer materials for pipework, coupled with a unique modular concept, the Gromatex range brings a whole new experience to the market.

Tried and tested in the harshest applications across the quarrying and mining industries internationally, Gromatex products have a reputation for being a cost effective solution to the challenge of moving abrasive fluids.

Among the heavy duty rubber lined products included in this range are flexible hose, pipework (such as bends, tees and other similar parts) and hydro-cyclones – all long lasting, simple products designed to contain abrasive fluids.

One of the key points of the range is the simplicity for the end user across all the products, from the design aspect to the fact that all common sizes are available in stock. Modular construction means the places that have the most wear can get the best attention.

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. Easy to specify and order from stock, designed to resist abrasive fluids for longer and flexible but strong. Gromatex - containing your abrasive fluids. Easy.



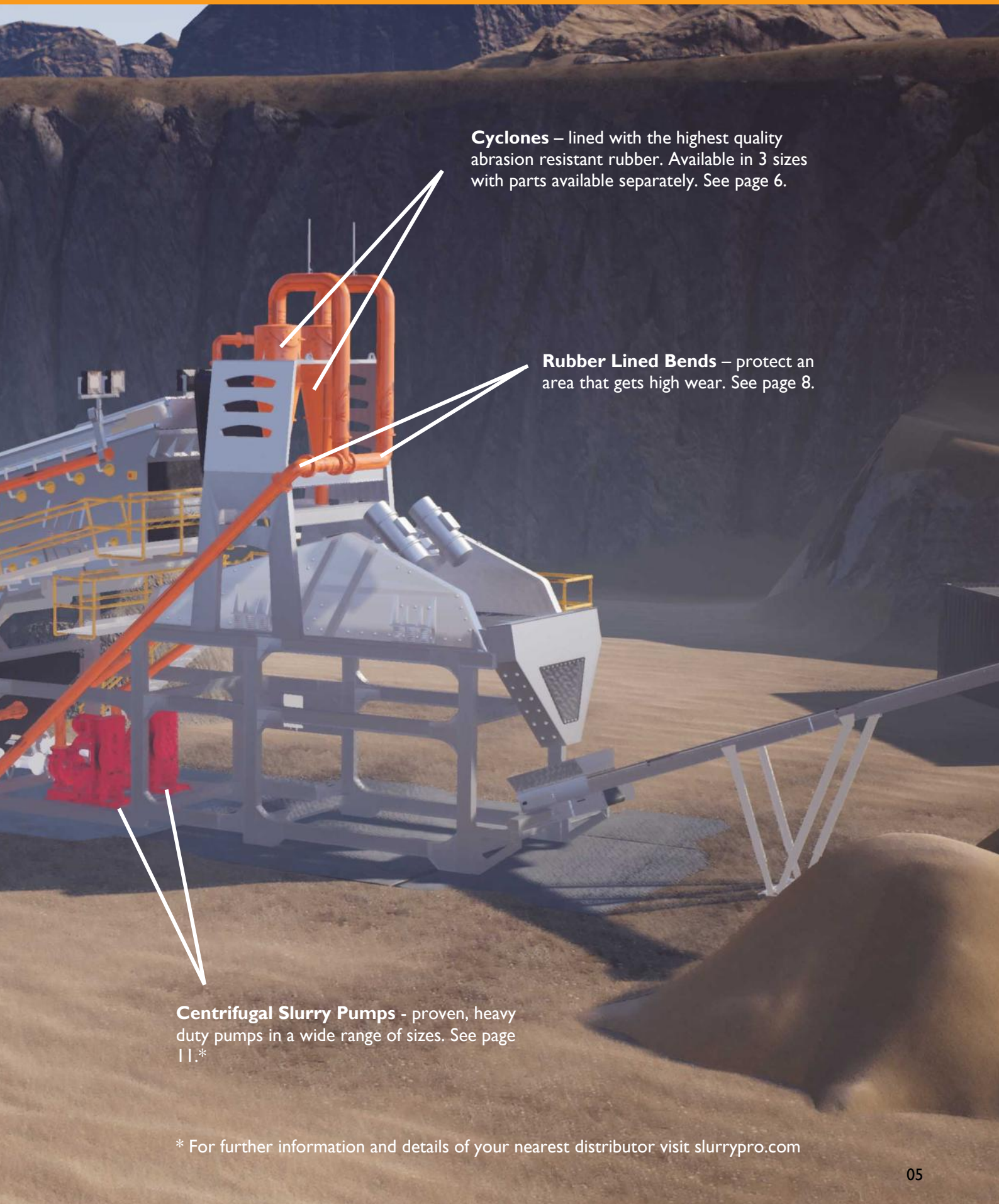
GROMATEX - CONTAINING ABRA

Straights – with a full range of accessories. See page 8.

Hosing – available in any length and a variety of widths. See page 7.

Vertical Slurry Pump - this heavy duty range features a cantilever shaft design that eliminates any bearings seals in the fluid end. See page 11.*

ABRASIVE FLUIDS ON YOUR QUARRY



Cyclones – lined with the highest quality abrasion resistant rubber. Available in 3 sizes with parts available separately. See page 6.

Rubber Lined Bends – protect an area that gets high wear. See page 8.

Centrifugal Slurry Pumps - proven, heavy duty pumps in a wide range of sizes. See page 11.*

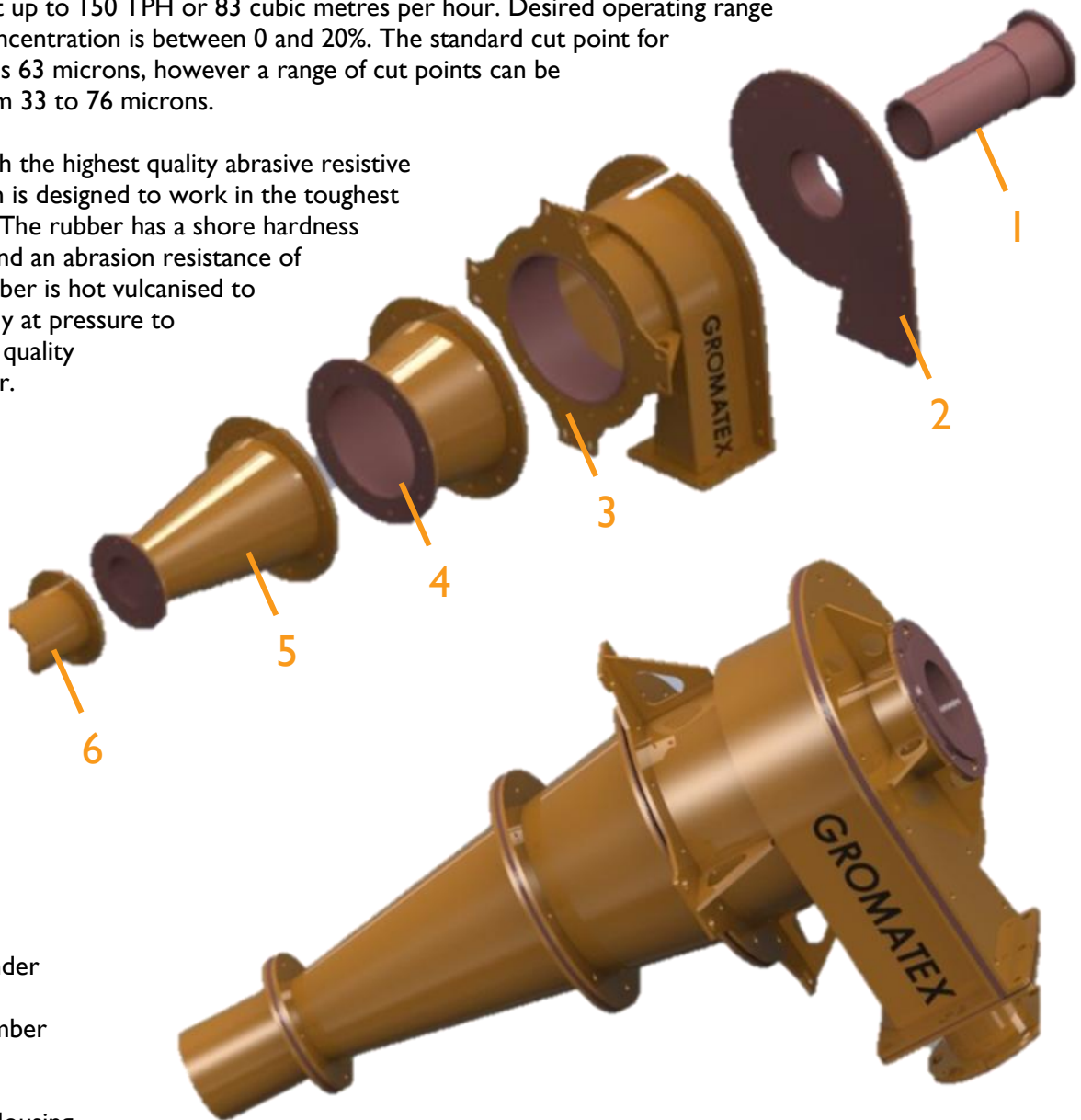
* For further information and details of your nearest distributor visit slurrypro.com

CYCLONES

GROMATEX C20 HYDROCYCLONE

The C20 is currently the medium sized cyclone of the Gromatex hydro cyclone range. It has a 500mm feed chamber and a 6" inlet. Typically paired with an 6-5 pump, this cyclone has a max output up to 150 TPH or 83 cubic metres per hour. Desired operating range for slurry concentration is between 0 and 20%. The standard cut point for this cyclone is 63 microns, however a range of cut points can be achieved from 33 to 76 microns.

It is lined with the highest quality abrasive resistive rubber which is designed to work in the toughest applications. The rubber has a shore hardness of 40IRDH and an abrasion resistance of 108. The rubber is hot vulcanised to the steel body at pressure to ensure a top quality seamless liner.



KEY

- 1. Vortex Finder
- 2. Lid
- 3. Feed Chamber
- 4. Cone 1
- 5. Cone 2
- 6. Spigot & Housing

All cyclone parts are available to purchase separately. Cyclone refurbishments also undertaken

Model	Feed chamber	Inlet size	Max	Slurry concentration range	Standard cut point
C15	380 mm	4"	55 m3/h	0 – 25%	63 (27-63) microns
C20	500 mm	6"	83 m3/h	0 – 20%	63 (33-76) microns
C26	660 mm	6"	110 m3/h	0 – 18%	75 (40-102) microns

RUBBER LINED HOSE

W.P. Bar	I.D.		O.D.	Average	Thickness (mm)	Bending	STD. Coil
	inches	mm	mm	kg/m	Wall	Radius (mm)	Length (m)
10	2	51	75	3	12	300	61
10	3	76	113	7	18.5	350	61
10	4	102	133	8	15.5	500	61
10	5	127	160	12	16.5	650	61
10	6	152	189	14	18.5	750	61
10	7	178	213	16	17.5	1000	12
10	8	203	238	18	17.5	1750	40
10	10	254	289	22	17.5	2000	12
10	12	305	344	28	19.5	2500	12
10	14	356	407	37	25.5	3000	12
10	16	406	458	47	26	3500	12
10	18	456	512	55	28	4500	12

I.D. = Internal diameter. O.D. = Overall diameter

Please note: All hose can be purchased in any cut lengths to suit your requirements.

Application:

For pneumatic and hydraulic transport of abrasive materials

Temp range:

-30 deg C to +80 deg C

Pressure rating:

10 bar nominal pressure

Electrical continuity:

No

Lining:

Black natural rubber blend - Hardness 40-45 shore A. Antistatic and abrasion resistant

Reinforcement:

Opposing layers of high tenacity polyester tire cord with embedded steel wire helix

Cover:

Black CR blend, oil, abrasion and weather resistant. Corrugated finish

Lengths available:

76-152mm Up to 61m

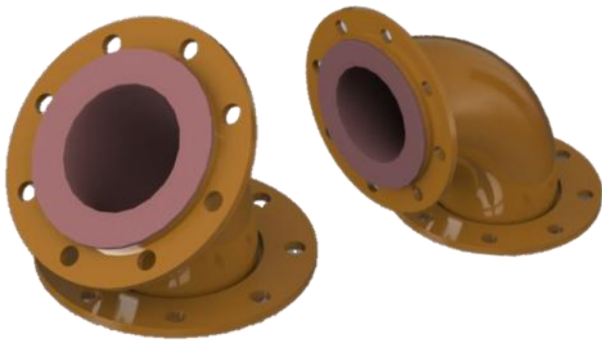
203mm Up to 40m

254-457mm Up to 12m



RUBBER LINED PIPEWORK

Gromatex Rubber Lined Pipework has been specially developed for the quarrying industry, and offers a combination of mechanical strength and abrasion resistance. The development of a modular configuration gives you the ability to focus on areas of the highest wear, and makes the replacement wear parts much easier.



BENDS (45° and 90°)

Long radius bend. Sizes available: 4", 6", 8" and 10"



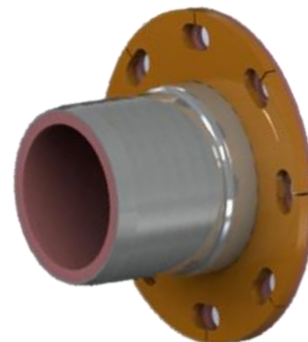
TEES

90° Tee connection. Sizes available: 4", 6" and 8"



REDUCERS

Concentric bell reducer. Sizes available: 4" to 3", 6" to 4" and 8" to 6".



HOSE TAILS

To connect a flexible hose to a flange. Sizes available: 4", 6" and 8".



STRAIGHTS

Straight lengths of pipe, flanged. Sizes available: 4", 6", 8", 10" and 12".



BESPOKE OR SPECIAL RUBBER LINED PARTS

Rubber lined flexible slurry hose with clamp couplings. Sizes available: 2" to 18".

CASE STUDY: COLLIER GROUP

GROMATEX CYCLONE INCREASES THROUGHPUT AND CUTS SILT RETURN BY HALF

Collier Group is a family owned business operating near Edinburgh, Scotland, with divisions that deal with quarrying, ready mix concrete and blocks, recycling aggregates and haulage.

Their new, high output wash plant used on the quarry and to recycle aggregates not only allows them to produce aggregate to a high specification that is ideal for surface dressing but also enables them to cater to orders for large quantities. This wash plant produces quality concrete sand as well as various sizes of washed aggregates. However, they weren't satisfied with the performance of the cyclones on the plant as they weren't separating enough silt from the water, meaning their lagoons, where the water overflow is deposited, were filling up with silt.

Following a visit from an Atlantic Pumps sales engineer, Atlantic Pumps recommended a complete new Gromatex cyclone, with an adaptor kit to supply a direct replacement to the current unit. They also recommended an installation service to ensure a minimal amount of expensive downtime for the wash plant and hassle for its operators.

The new cyclone has now been installed and Collier group are delighted with its performance. Some of the benefits include:

- Higher throughput: The Gromatex equivalent to the previously installed cyclone can handle a higher flow, meaning they can process more aggregates through their plant
- Cleaner water overflow/better cut point: the quantity of silt exiting with the water over flow has reduced to about half of what it was, meaning less wear in the return pipework and less frequent maintenance to the settling lagoons.

One of the owners, Duncan Collier, was very impressed with the knowledge shown by the installation team and the effectiveness of the solution provided. On a recent visit, he commented that they wouldn't hesitate to recommend Atlantic Pumps for any pump, pipework, or cyclone requirements.



AUDEX

DESIGNED WITH YOUR INDUSTRY IN MIND

Audex are respected manufacturers of industrial submersible and vac-prime self-priming dewatering pumps. Our pumps have been specifically developed for use in the toughest and most abrasive of applications and environments. Trusted by operators of quarries, mines and recycling facilities, Audex pumps represent quality and reliability giving you superior performance and reduced downtime. Pumps that suit your application better because they have been designed with your industry in mind.

Audex pumps are available in a range of sizes from 2" to 10" 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 submersible range of pumps are available with a seal fail detector system which 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 re-build. Audex pumps also allow you to adjust the diffuser to compensate for wear.

Audex also manufacture a range of pontoons to mount our pumps on when installing in a lagoon, and discharge units to monitor site discharge.

All this adds to up to increased pump life and less pump related down-time even in the most stringent environments.

Audex Pumps – designed with your industry in mind.



SLURRYPRO®

A BETTER SLURRY PUMP 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.





**ATLANTIC
PUMPS**

HANDLING ABRASIVE
APPLICATIONS

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