

SYKEDUP

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SYKES

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SYKES TRIUMPHANT IN CENTRAL AFRICA

COVER STORY > A notable quarrying company based in Zambia, Central Africa, contacted Colin Bracken, Regional Manager, Africa, to provide them with a complete solution to their pit dewatering problems.

The pit was being dewatered by submersible pumps that were proving to be troublesome as well as unreliable, costly and time consuming to repair, resulting in interruptions to the mining process. Colin suggested they invest in Sykes pumps that are specifically designed for this type of application and have been tried and tested in open cast mining operations around the world.

The main proposal and subsequent purchase included two HH220i pumps, coupled to 260 kW electric drives, twin discharge facility, all securely mounted on marine engineered floating pontoons with adjustable ballasts.

The equipment was engineered and assembled in Dubai by Primax (a division of Sykes Group) then shipped to Zambia via sea and road freight. The client compared the design and engineering quality to other equipment they have on site and noted that there was no comparison – the Sykes design and configuration was said to be amazing and first class.

The two units have now been successfully commissioned on site and as can be seen from the before and after pictures, the results are undisputable. It will more than likely take another six weeks to completely dewater the pit, it initially held approximately two million cubic metres of water. The pumps will then keep the pit accessible 365 days a year allowing continuous production. The Sykes pumps were supplied with stainless steel shafts, impellers and front and rear wear plates and glycol cooled mechanical seal as standard.

BEFORE



AFTER



SYKES HONG KONG – up and pumping

Sykes Group has been operating in Hong Kong since June 2007 and has already moved ahead in leaps and bounds, particularly in assisting sewage over pumping.

Due to the high density of population in Hong Kong, they required a quiet pump to complete a sewage over pumping job for municipal contractors and demanding work for foundation companies. As you can see from the photograph, the Sykes QS is right in the thick of things! A two vane impeller has been fitted to the pictured QS to allow it to handle massive debris and fibrous materials contained in the sewage.

Sykes QS pumpsets have been designed to operate within all current noise requirements on both worksites and in urban areas.

Hearing degradation is of great concern to all and Sykes recognised the need to design a range of sound proofed (QS) and super-sound proof (SQS) pumpsets to minimise workers compensation claims and create a pleasant working environment.

The QS series pumpsets are extremely quiet (62 dBA at seven metres) when operating at full load.



TRIM-WELL

THE SOLUTION FOR WELLPOINTING

Sykes Trim-Well wellpoint dewatering system is lightweight, corrosive resistant and incorporates control valves to trim and control the dewatering process.

The Sykes Trim-Well valve and elbow are extremely durable. Made from UV inhibiting rubber, the components are rust and abrasion resistant and designed to withstand harsh conditions. The components are lightweight for ease of handling and cost effective transportation, and can be cleaned simply with compressed air or water.

There are three precise, tamper resistant settings on the control valve which allow for simple checking and adjustment with a control valve tool. The polycarbonate sight valve is strong enough to withstand high pressures and impact and allows the operator to monitor the fluid evacuation rate.

With only three parts, the Sykes 'Trim-Well' system is simple to use and maintain as fewer component joints means less opportunity for air leaks making the dewatering process more efficient. The push fit design means the wellpoint valve and elbow are self-sealing which makes installation and removal quicker thus reducing costs and labour.

The Trim-Well system was custom designed by Sykes to suit all wellpoint dewatering applications.



For more information contact your nearest Sykes office



SYKES GROUP IN CHINA

Sykes Group's continued growth in the global offshore markets throughout Asia has seen the establishment of new offices in several key market territories. One such territory is the Peoples Republic of China.

In mid 2007 Mr Paul Liu was appointed as the Territory Manager of one of the world's fastest growing economies. With the office based in the western zone of Shanghai, Paul set about the dubious task of company registrations and office establishment, which has certain hurdles unheard of in the West.

Market awareness was high on Paul's agenda and with his strong background with his previous employer, he was well aware of the challenges that lay ahead in re-educating a market of end users that have never seen an auto prime pump system – ever!

Nonetheless, slow and steady progress is being made and several new markets are quietly being massaged into a new way of thinking. The photo shows the standard of "acceptance" for contract dewatering – a two inch centrifugal pump with a suction header tank and discharge venturi system.



The new, larger multi-national construction companies will be moving away from these slow and inefficient systems to the high efficiency auto prime Sykes units. Time means money and foundations need to be prepared as a matter of urgency without incurring late penalties.

SYKES BLAST CAGES

PROTECT & SERVE



Sykes Group were recently approached by one of their mining customers to assist in solving the age old problem "how to avoid damage to pumpsets from rock fallout during blasting".

High Head Mining Pontoon Mounted Pumps are often left in place in High Wall sumps when blasting takes place and have traditionally been protected by means of a solid 6mm canopy covering the engine.

As pumping technology improves and ancillary software and devices installed onto pumpsets to monitor flow rates, pressure, temperatures, shutdowns and telemetry improves, it has become necessary to protect these items from damage. The cages also act as a deterrent to vandals, as well as protecting the unit from day to day damage.

Sykes solution was not a new one as Sykes have been building cages and canopies around pumpsets for years. However these cages, around the entire pumpset, needed to be engineered to ensure complete protection from fallout of large rocks and debris during blasting.

As can be viewed from the photographs, Sykes are able to provide a blast cage to suit specific requirements and access to the equipment is not comprised



For further details on blast cages please contact your local Sykes Group representative



NEW GENERATION PUMPS FROM GRINDEX

Increased durability and simplified service gives submersible pumps with longer life.

The new drainage pumps introduce several features that gives the pumps triple length durability. Moreover, durability is sustained with the same high performance. Furthermore, the new pumps are both easier to handle and faster to service. High availability on service and spare parts are highly prioritised together with simplified service.

In Grindex new generation of submersible drainage pumps, the wear resistance has been tripled, in some applications even more. It has been achieved by preventing abrasive particles from reaching the vulnerable parts of the pump, thus minimising wear. The newly designed hydraulics section with its closed impeller is dramatically reducing the performance drop caused by long-term wear. This makes the new pumps capable of operation in really demanding applications with maintained capacity. The new design also allows easy adjustment of the impeller to regain optimal performance. It simplifies the service and ensures both longer lifetime and stable dewatering during the whole pump life.

The new pumps still feature the SMART Grindex electronic motor guard. This stops the pump in such situations as a phase drop out, overheating or if the pump is overloaded for some reason. SMART contributes to long levity and high reliability. Another refinement is the air valve. In the event of dry running, the impeller automatically functions as a fan to cool the pump motor, bearings and seals when the air valve releases the hot air.

Additionally, the pumps are fitted with rubber shock absorbers, which help to protect vulnerable parts of the pump from impact damage. All-in-all, these changes mean that the new Grindex pumps can work at practically full power for their entire working life, a life length that has been dramatically increased.



Sykes Group are distributors for Grindex products. Please contact your local Sykes branch for more information or visit sykesgroup.com

Sykes strive for strong relationships

Sykes New Zealand exhibited at the Pacific Trade Expo in early March 2008, a great forum for Sykes to strengthen existing relationships and develop new business within the Pacific.

The profile of the exhibition was such that the Prime Minister of New Zealand, Helen Clark opened the event, accompanied by a number of Cabinet Ministers from central government and leaders from the many Pacific nations.

Since 1967 Sykes have supplied and supported our products across the globe. A more serious focus within the Pacific was undertaken by the group over the last ten years and successful results in the region prove that the Sykes range of auto prime pumps, Dragflow (an abrasive handling submersible, suitable for sand slurries) and the reliable Grindex range are appropriate products for demanding and harsh applications only found in the Pacific.

Modern communication and many hours travelling allow the New Zealand team to offer strong technical back up and after sales support to the vast area. This is appreciated by our valued clients ranging from private sector contractors to local and central governments in Micronesia, Fiji, Papua New Guinea, Cook Islands, Samoa, French Polynesia and Tonga. Product efficiencies for the end user (energy and performance) is the foremost focus for all the Sykes Sales Team, ensuring long term savings relating to the running costs and a longer life of the capital investment.



(Left to right) Rt Hon Nanaia Mahuta Minister of New Zealand Customs and Local Government, Mr Brendon Glassey, Hynds Pipe Systems, Mr Melino Maka Vice Chairman New Zealand Pacific Council and Mr John Chapman, Sykes Sales Representative.

John Chapman, New Zealand Sales Representative, has spent many years on the New Zealand Fiji Business Council Executive, of which Sykes New Zealand are active members. Both groups have provided John with a strong network of contacts that assist with everything from shipping to getting that urgent part to a distant port overnight.



For more information on our activities or assistance with applications in the Pacific please contact john@sykesgroup.co.nz or phone 0064 (0) 21 479 537

Primax continue expansion into the United Kingdom

Sykes Group have maintained a presence in the United Kingdom over a number of years, namely through distributors. We are now proud to announce the appointment of Chris Mace (previously New Zealand Manager) to the position of Primax United Kingdom General Manager.

Primax are a division of Sykes Group. Chris will be working closely with Nathan Collins, Sales Engineer, to form and strengthen relationships with customers, demonstrating the benefits and attributes of the Sykes Group range of products.

The official launch of Primax United Kingdom was at the premier trade show event – SED exhibition, held during May 2008. This was a double event as the first ever YAKKA manufactured by Primax, United Arab Emirates, was on show.

The Primax YAKKA, Australian Design Award winner, is pictured being prepared for transport to the United Kingdom.



sykesgroup.com

Sykes Group is proud to announce the launch of their new website, which was available to view from Wednesday 28th May 2008.

As always our website displays all the Sykes range of products including technical data, photographs, testimonials, videos and case studies.

As Sykes Group continued to expand, it became clear that a website with more allowances for regional information was required. So while Sykes is an internationally renowned company, you can be assured that the locality of your local Sykes Group division, will not be lost!

To celebrate the launch of the new and improved Sykes Group website, we would like to offer you the opportunity to win a holiday voucher valued at AU\$1,000. All you have to do is visit sykesgroup.com and sign-up for our eNews to be in the running!

Entries close Friday 29th August 4pm eastern standard time. Terms and conditions apply, see the website for details.



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Product of interest

- Sykes Pumps
- Portable Traffic Lights
- Variable Message Signs
- Speed Advisory Signs
- Grindex Pumps
- Dragflow Pumps



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