



GRINDEX

in the Hire Rental Industry


Grindex Electric Submersible Drainage and Sludge Pumps have for years been the first choice of large and small hire and rental companies worldwide.

The reason for this is that Grindex pumps are designed for continuous, unattended operations. They have proven their reliable and dependable performance in a wide range of challenging applications worldwide from building and construction, mining, tunnelling, quarrying, marine and offshore engineering, fire brigades, agriculture and of course, the rental industry.

Grindex Drainage Pumps are designed for pumping water with particles in suspensions up to the size of the strainer holes, pumping ground water and pumping raw water. Grindex's Unique Built in Protection ensures reliability as only Grindex pumps have air valves and the SMART system to provide complete protection of the motor and enable unsupervised operation.

Grindex Features include :-

1. Air Valve – allows pump to run dry and on snore conditions as cool air is circulated around the motor and out the air valve until water returns to the pump.
2. SMART – including Phase Guard, Rotation Guard and Temperature Guard.
3. Starters – built in DOL or Star Delta Motor Starters.
4. Phase Shifter – Phase Shifter and 20 meters of cable ensures pump can not run backwards and also allows for easy phase reversal.
5. Aquatite – double hard faced mechanical seals.
6. Casing – corrugated stainless steel outer casing.
7. Diffusers – adjustable polyurethane diffusers.
8. Impeller – chromium alloy white cast iron impeller for greater wear resistance.

 **For more details on Grindex Submersible Pumps please contact your local Sykes Branch.**

Sykes Safeway – Solingo Hybrid

The versatility of the high resolution Solingo 1800 was adopted by a Department of Defence airbase recently. The multi-lingual sign was purchased by the Base to provide messages to drivers as they arrive and leave the base. The two pronged approach focuses on vehicle related safety and providing general information about base events to service person's, civilians and sub-contractors.

A hybrid Solingo Variable message sign was custom manufactured to meet the requirements set out by the Base's procurement team. The Solingo 1800 sign was selected for the intensity of brightness and extreme viewing angle and coupled to the Solingo 2400 style trailer which was selected for the freedom it offered in both sign rotation and solar energy retrieval. The viewing angle of the Solingo 1800 is a significant factor as it maximises the opportunity for drivers to take in messages displayed.

A Sykes training package was carried out on site to ensure user confidence and maximum utilisation from the day of delivery.



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Product Of Interest

Sykes Pumps

Portable Traffic Lights

Variable Message Signs

Speed Advisory Signs

Grindex Pumps

Dragflow Pumps

Sykes Group Offshore Rentals

Sykes off shore rental locations have been on the increase over the last few months. We now have an active interest in three rental locations, New Zealand, Hong Kong and United Arab Emirates.

Sykes New Zealand has been part of the Sykes Group since 1995, and the NZ rental division has been a vital part of the successful growth in this Region. The Rental Division in the UAE is a joint venture partnership between Sykes and Kanoo Group of Companies. The joint venture was formed in 2005 and the rental business is marketed under the name of Arabian Equipment Rentals (AR) and services the large and expanding construction market in the Middle East.

The newest addition to the Rental Division has been the establishment of a rental branch in Hong Kong. The Hong Kong Rental branch will be renting both diesel and submersible pumps into the booming construction market in the Asian region.

The demanding rental industry is an important part of the Sykes Group business forming a vital contribution to our sales to end users and our expansion into off shore markets with direct rental to a variety of customers.



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- **Quality Endorsed**





Problem solved at one of Victoria's biggest fishing ports

Recently Scott Hilton and Damien Jurina of Sykes Group, Melbourne, were approached by Gippsland Port Authority, Victoria, to assist with the ongoing problem of the local Lakes Entrance inlet silting up and limiting access for small craft and fishing contractors to the Port.

Previous and current dredging methods were unable to overcome this issue due to the inability of the Dredge to get close to the channel inlet walls. This issue got to a critical situation and as a result Sykes Group were contacted for a solution.

In conjunction with Bruce Green of Gippsland Port Authority and Charlie Whelan of Whelan's Earthmoving, Sykes supplied the solution – a Dragflow HY85B Hydraulically Driven Submersible Slurry Pump c/w 2 off EXHY20 Hydraulic Agitators mounted to Whelan's 30 Tonne Excavator. The Sykes Dragflow Pump is capable of moving up to 450m³ per hour of slurry of which approximately 30% or 135m³ per hour of this will be sand.

The reach of the 30 tonne Excavator made it possible to manoeuvre the pump to the exact position and clear all the sand so access was restored to vessels.



For further details on the Dragflow Dredging Pumps please contact your local Sykes Branch or National Product Manager Chris O'Brien.



Visiting Indonesia

Recently our Team Leader NSW Jason Davidson, spent two weeks in South East Kalimantan (Borneo) Indonesia, providing maintenance pump repair/application training to Trakindo staff and end users.

First port of call was Sutui, where mining contractor Thiess recently purchased a number of new pumps consisting of XH150's and DV150's and have a fleet of HH220i's.

Mike Brewer, Sykes Regional Manager Indonesia and Singapore, and Jason conducted a site inspection and customised training around site specific issues for the pump crew, maintenance crew and mining engineers.

After a long road trip, the two moved on to Batulicin (photograph of site on page one), where Trakindo have a range of hire pumps. Meetings were held with Trakindo staff and Hire Customers Representatives to improve their troubleshooting skills and installation knowledge.

During a highly enjoyable speed boat ride, Jason and Mike found the next mine site at Senikan, where their task was to commission a HH220i, which was still awaiting a suitable pontoon. Again meetings were held with Trakindo and Thiess staff, showing Sykes Group high level of commitment to the region.

Next they moved further north to Balikpapan, which is Kalimantan's Trakindo headquarters, to fine tune the correlations of Sykes, Trakindo and end user spare parts processing.



Last stop was Kideco, which Jason found was an experience all of its own!

"Then I was exposed to the worst cavitation I have ever seen," said Jason.

A sit-down was arranged by Trakindo to discuss the problem of short pump life they were enduring and mine engineers and managers had many questions. After working through the system and installation shortfalls, Jason and Mike provided solutions that will appease the situation and can also be implemented at low cost.

"By training Trakindo staff personally I had the opportunity to immediately answer any questions or queries the staff had, immediately," said Jason.

"At the end of this trip, I was once again filled with a sense of achievement and extremely proud of the commitment by Sykes to Trakindo and the Indonesian market."



FROM 2000 TO 6

Sykes Group recently entered their Yakka150 in the Australian Design Awards (ADA), the peak promotional body for the Australian design industry and the only national awards program for product design. The Awards set benchmarks of quality and excellence in design through a sophisticated application and assessment process.

Sykes Group entered the Yakka, as it set in motion a new era in pump design and earlier this year these prestigious Awards were finalised and announced. The Sykes Yakka was successful in progressing through the initial judging stages which culled from 2000 entries to a shortlist of 90 and ultimately to the 32 finalists.

The award ceremony was held in Melbourne at the National Gallery of Victoria where the 32 industry finalists gathered.

The ADA entries are extremely diverse and cover many industry types with the Sykes Yakka successful in gaining first place in the Agriculture and Heavy Machinery category.

The award night also included the announcement of a shortlist of six finalists who had been judged as standouts within the entire competition. The Sykes Yakka was a clear-cut choice to be included within this shortlist and was in the running for the overall major award. The other five finalists were a high powered bike lamp, a yachting racing block, the VE Commodore, a self-service kiosk and a waterless urinal.

These products all achieved a high level of excellence when measured against a common set of criteria including innovation, functionality, quality, originality, ergonomics, safety, sustainability and commercial viability.

Although not successful in this final category (the ultimate winner was the bike lamp) the Sykes Yakka did remarkably well and certainly attracted attention from all the guests and judges at the awards ceremony.

Like all successful projects, contribution for the Yakka came from all areas of the Sykes Group, however a special mention is necessary for the Engineering Team. Additionally Sykes Group also needs to recognise and thank the team from *Design + Industry* for their creative and artistic participation in the 'Yakka Project'

The judges from the ADA were very thorough in their judging and tested, pulled apart and scrutinised the Yakka from every angle. The Engineering team of Gert, Cal and Steve had designed and developed the Yakka product to pass the judges scrutiny with flying colours.



Yakka Versatility

The new Sykes Yakka150 silent operating pumpsets are now available in a variety of pump sizes, mounting configurations and materials of construction.

Sykes Group have now added to the Yakka pump range with the addition of the Yakka100, and the Yakka80H. The new Yakka pump additions all feature the great advantages of the Yakka150 model; acoustic enclosure, easy access for maintenance, 24 hour operation, fuel efficiencies, and Sykes stainless steel impellers and wear plates as standard.

The Yakka pump range is available trailer mounted for multiple site relocations or on a tradition skid base. Both options have been manufactured from heavy grade structural steel and galvanized for longevity. The Yakka trailer frame in particular has been build with the demanding construction and mining industries in mind.

Like all of the Sykes range of pumps the Yakka models are available in our standard construction of stainless steel internals and SG iron pump housing, or for the special applications all pumps are available in complete stainless steel or CD4MCU.

Congratulations!

Congratulations to the Sykes Group UAE team on achieving compliance in the ISO 9001 audit course. It was a great team effort from all the staff, showing their commitment to making ISO work.

Sykes Group is committed to quality with both manufacturing sites quality endorsed.



Hoses and Fittings

Sykes Group are able to supply heavy duty suction hose, fully vacuum rated for water, and chemical applications in sizes from 3" to 12" diameters. Available in standard 3m and 6m lengths, fitted with easy to use bauer fittings, or manufactured to exact length requirements.

High pressure lay-flat discharge hose, is available in sizes 3" to 8" which is durable, superior quality and rated to 10 bar, oil resistant and built for industrial use. It is a lightweight, waterproof flexible hose, resistant to weather, abrasion, process fluids and is rugged enough to take repeated daily rough handling and is supplied in easy to handle 25m lengths or long lengths where required.

All hoses can be fitted with galvanised bauer couplings or for the more chemical arduous applications, stainless steel bauer couplings if required. Bauer couplings are quickly and easily coupled/uncoupled with a few simple hand movements, providing greater flexibility of installation – even on difficult sites – with articulation on coupling joint up to 30°. Sykes stock a complete range of flanged bauer fittings, reducers, elbows, adaptors and strainers.

As a manufacturing agent of exclusive quality pumps, our factory is able to offer "off the shelf" hoses and fittings which are available for despatch for urgent requirements. We are able to manufacture hose assemblies to your exact requirements, providing a quick and reliable source to purchase.



A full information leaflet is now available on our hoses and fittings, which can be obtained by email info@sykesgroup.com or by phoning our direct national sales enquiry line on 1800 131 950.

Spare Parts Kits

As always, Sykes Group are continually working to develop procedures to make life easier for our customers.

As a result Sykes have developed recommended Spare Parts Kits for their range of pumpsets. These Kits enable your maintenance department to minimise downtime for preventive maintenance and enable production to suffer a minimum of downtime due to not having the right part at the right time.

These Kits are equipment specific and various kits are available to reflect your individual needs. An additional benefit for our customers is that these Kits are significantly discounted in comparison to purchasing individual parts, plus an added discount if purchased at the time of purchasing your pumpset.

Our Spare Parts Kits offer the same high-quality parts used in our industry tailored pumpsets. All parts in these Kits meet or exceed our stringent requirements for superior capability and reliability.

These Kits are available for minor servicing requirements, major servicing or area specific problems. Spare Parts Kits are available in PDF format for all pumpsets identified by model and serial number. The file contains an itemised list of the parts with an easy identification picture of all spares and their corresponding part numbers. If you are interested in obtaining a file of your Spare Parts Kit please contact us with your model number and serial number.



Contact us by email on info@sykesgroup.com to obtain an easy to read leaflet or phone our national sales line 1800 131 950.



Exhibitions

Coming up soon is AIMEX Asia-Pacific's International Mining Exhibition. It has been held in Sydney every four years since the 1970s and begins 4th September this year.

Sykes Group use the opportunity of AIMEX to showcase our business by presenting new products, network with our industry professionals as well as check out the competition!! Located at Stand R122, Sykes Group will have on display a HH220i as well as have a number of staff on hand, qualified to answer all questions and enquiries.

Below is a photograph of our stand from AIMEX03 being manned by Paul Romalis, NSW Regional Manager and Chris O'Brien, National Product Manager. (Note - The stand was usually much busier than this!)

Earlier in the year Sykes Group attended CivEnEx Sydney, which is Australia's first and largest exhibition for local government, public works and construction. This year at a new location – Western Sydney International Dragway at Eastern Creek, the show offered free entry and free parking for all visitors.

We showcased new products including the new SOLINGO 2400e LED variable message sign, the new Yakka150 'quiet solution' pumpset and Sykes solar traffic lights. Sykes range of fuel efficient pumps was also on display along with various other pumping products including a range of Grindex and Dragflow pumps.

