

# SYKED UP

Volume 18

THE FBP300  
HAS ARRIVED!



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# Larger Perth Premises for Sykes Group

As Sykes continues its growth by supplying more pumping equipment into the Western Australian mining sector, the need to keep pace has seen a requirement for larger premises.

The new premises at 14 Glyde Court Malaga Perth, has increased floor space to cater for all facets of Sykes business. Increased office space to accommodate sales and projects, larger stores area for spares and pump stock holding and a larger workshop area to ensure after sales service and product support remain a high priority.

With the extra capacity Sykes can continue to grow and support its many customers with pumping solutions.



## PUMP SELECTION MADE EASY

Sykes Group have launched its new and improved Pump Selection Program designed to make selecting the right Sykes Pump for your application as easy as 1,2,3.

The step by step well illustrated software guides you by asking for all the relevant information required to make the right Pump Selection such as Flow Rate required, Static Heads, Pipe Length and Type and details of any fixtures and fittings.

Once this information has been entered the program will automatically give you a selection of the most appropriate Sykes Pump to suit your application so an informed decision as to the most suitable and economic pumpset can be made.

Contact your local Sykes representative or Sykes Group Product Manager – Chris O'Brien on [marketing@sykesgroup.com](mailto:marketing@sykesgroup.com) for details of how to register to get your copy of this valuable Pump Selection Tool.



## Sykes Release the FBP300

Sykes new FBP300 has been released and has been well received in the market place with orders starting to flow in. With a maximum head of 140m and a maximum flow of 330l/s, Hard Iron Casing, Impeller and Wear plates as well as low operating speed of 1200 RPM this design is ready to stand up to the toughest conditions.

The Research and development team at Sykes has designed the FBP300 to be extremely robust, reliable and efficient. This all leads to lower operating costs, less fuel usage and less maintenance. The flexibility of the FBP300 pump makes it highly suitable for rental businesses and mine sites where application and duties are varied.

As with all the Sykes products the FBP300 is a feature packed mining pump and the heavy duty construction is sure to stand the test of time

- Superior NPSHR
- Heavy duty bearing frame set up
- Adjustable wear system Front and Back
- External wear adjustment screw
- Grease packed gland with expeller ring
- Standard Compressor Prime
- Proven Design – Simple, Reliable, Rugged





# IN ACTION:

Sykes CP150iC

Sykes Olympic Pump range has been designed to provide greater cost efficient fluid handling solutions. With efficiency levels that translate into benefits for the user and the environment.

Application: Backup systems for a sewer pump station that would otherwise overflow into a local water system.

The solution was the Sykes CP150iC coupled to their existing hydraulic power pack which was driving a submersible pump unable to cope with the inflow.

Using the Sykes hydraulic driven automatic priming CP150iC pump allowed the customer to utilise their existing equipment.

The unit is mounted in a fixed position at the pump station and if required in an emergency pumps at 100L/sec at a 15metre head.

The outcome was extremely successful ensuring a simple and reliable emergency backup system is always on standby.



## New generation pumps from Grindex

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

### NOW AVAILABLE IN 1000 VOLT FOR UNDERGROUND MINES



The new drainage pumps introduce several features that increases pump life / durability 3 fold, whilst at the same time maintaining pump efficiency. The new Grindex Pumps are both easier to handle and faster to service, due to availability of ex-stock spare parts.

Wear resistance has been achieved by preventing abrasive particles from reaching the vulnerable parts of the pump. The newly designed hydraulics section with its closed impeller dramatically reduces performance drop caused by long-term wear.

### Pumps prepared to underground mining specification still include the unique Air Valve feature

The new pumps are fitted with a restrained & protected screened cable and 1000V plug so they are ready to "Plug & Go". In the event of dry running, the impeller automatically functions as a fan to cool the pump motor, bearings and seals as the air valve opens and releases the hot air. The pumps are also fitted with anodes to improve their corrosion resistance.

The cartridge seal arrangement ensures seal integrity and ease of installation. 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.

To enquire about Grindex Pumps and Products please contact your local Sykes Sales Representative.



**Sykes Group**   
**wishes you a very  
merry Christmas**



## Colourful solution for coal mines

Recently an open cut coal mine in the northern region of Queensland's Bowen basin took delivery of five Sykes HH220i High Head, high efficiency skid based pumps. Pumps that are capable of flows exceeding 200 litres a second at more than 100m of Total Dynamic Head were called for and that's exactly what the customer received.

The pumps are positioned at various pit locations around the lease and pump up to a main ring pipe that circumnavigates the operation. With previous wet seasons highlighting the need for large volume high head pumps to remove the torrential rain from the mining operation as fast as possible the Sykes HH220i was the right pump for the job. Apart from the emergency pumping requirements that come with the northern monsoon season, the pumps are used in regular day to day pit dewatering applications.

Some of the five pump sets were fitted with fuel header tanks to enable remote refuelling from the top of the high wall via fuel dollies.

An innovative idea by the client saw all five units painted differently to enable quick identification of each unit as the

pump set configurations are identical. This enables interchangeability around site giving greater flexibility to the pump fleet.

Pictured are the yellow, red and green Sykes HH220i units with the white and blue units deployed in pit operations.

Sykes Group personnel pride themselves in working with each client to customise the pump build to suit each individual application and requirement.

Please phone your nearest Sykes Group representative to discuss your custom pump set.



## Sykes Diesel Engine Control Panels Move into the Future



Sykes have standardised the engine control panel to provide greater ease of use and consistency across our entire range.

The 2 base models will cover over 95% of our build requirements with the remainder covered by a slight variation of the standard layout.

Only 2 base models are used with the S15 fitted as standard for Mechanical Engines and an option to upgrade to an S35M Auto Start Panel. The S35E Auto Start Panels fitted as standard to Electronic Engines.

Sykes Diesel Engine Control Panels are purpose built for industry requirements, with simple plug in and activate feature for extras such as flow meters, pressure transducers, level control, work lights, auto operation, controlled shutdowns, Modbus enabled, remote operation etc just to name a few of the features available.

Overall the Sykes Control panels are far superior and more flexible than other panels available.



## Sykes Dewatering Packages

For many years various Water Authorities and Councils Australia wide have been purchasing Sykes QS Quiet Solutions Pump Sets and the Sykes Trimwell Wellpoint Dewatering Systems as a package in order to complete the civil works required in their respective shires.

This inspired the decision to set up several civil work gangs which in turn has provided local employment opportunities, promoted a skilled workforce and ensures product availability.



# fish'n comp

Some go fishing for the catch, others just go for the fun and freedom. Most don't need an excuse to go, for those who do here it is...Sykes wants you to enjoy your break and go fishing with your Sykes Fishing Lure & enter our Fishing Competition.

**How to enter:** Contact your local Sykes representative to get hold of your Sykes lure. (be sure to get in quick as numbers are limited). Then send in you Big Catch Photo and Story to: marketing@sykesgroup.com by

**April 30 2010** to have the chance to win . The winners stories and photos will be posted in the June 2010 edition of SykedUp!

**Prizes:** \$1000 & \$500 Vouchers and more!  
NOT OPEN TO SYKES EMPLOYEES



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**Product Of Interest**

- Sykes Pumps
- Grindex Pumps
- Dragflow Pumps
- Other: \_\_\_\_\_



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