

Press release



For immediate Publication
29 March 2018

Customised ELGi compressor–drill-rig-combo delivers efficient drilling solutions

An ELGi diesel compressor, customised by Integrated Air Solutions to fit a state-of-the-art JCB-derived drill and blast drill rig, provides direct flow to all on-board air-dependent equipment and delivers substantial cost savings for the end user.

Integrated Air Solution, a GiGi Investments Company, is the exclusive regional distributor of the world-leading ELGi compressor range. Successfully tried and tested over 25 years in Southern Africa's harsh climate, ELGi air compressors have proven their suitability to compressor applications across the region. "As one of only a few companies in South Africa to offer highly customised air compressor solutions, Integrated Air Solutions remains the unrivalled market leader when it comes to providing individually customised and engineered high pressure compressor packages," states Group CEO, Graham Russell.

Russell explains that in close consultation with Kemach Equipment technicians, Integrated Air Solutions replaced the counter-weight at the rear of the JS205 with the customised ELGi compressor. Customisation included shortening of the 900cfm compressor from 4m to 3,2m as well as fabrication of the custom sub-frame compressor housing.

The JS205 excavator was converted into a drill rig by Basie Roelofse from contract drilling company, Liyema Drilling. The combination of the compressor and drilling machine on a single platform met the call for a compact, economical and uncomplicated drill rig. The on-board compressor solution provides a multitude of cost saving benefits: The need for a standard 60m airline link between rig and compressor is eliminated and direct flow means that a much smaller compressor can get the job done. As a tow vehicle is no longer required, the complete system subsequently only has two engines, the excavator and the compressor, with reduced fuel consumption, maintenance and repairs as a result.

ELGi's skid-mounted 475 to 1500 cfm range of compressors are ideal for mounting on drill rigs or utility trucks and are well suited for water well drilling and borehole drilling applications. ELGi is one of the few companies in the world to offer the full line of single stage (up to 250 psi) and two stage (above 250 psi) compressors in this range and these machines are widely used by drill rig OEMs globally. The range features a centralised control panel for ease of use while large access doors facilitate maintenance.

2/...customised ELGi-drill rig combo

GiGi Investment Group

In

Integrated Air Solutions (Pty) Ltd • Directors: G.H. Russell (CEO), G.F. Cousins (Chairman), F. van Wyk • www.air-solutions.co.za •
49 Malcolm Moodie Crescent, Jet Park, Boksburg, 1459 • Tel 011 894 2906 • Fax 086 627 6089 • Reg. No. 2017/052597/07 • VAT No. 4280277288



Integrated Air Solutions boasts decades of experience with the ELGi brand, and are highly committed to supporting the full sales and service value chain. "In addition to carrying an extensive stockholding of compressors, parts and accessories, our trained service and workshop technicians are always available to ensure the highest levels of uptime for mission critical air installations," affirms Russell.

The drill and blast drill rig is also fitted with two separate independent fire-suppression systems from Integrated Air Solutions' sister company, FOGMAKER South Africa (Pty) Ltd. This triple action system makes use of water, the purest extinguishant, to attack all three components in the fire triangle namely heat, oxygen and fuel. Suitable for any engine compartment, the system uses high-pressure water mist (50-micron droplets) to effectively suppress a fire and cool down the compartment to prevent re-ignition.

Close collaboration between Integrated Air Solutions, Kemach Equipment and Liyema Drilling has ensured the seamless integration of a premium excavator, a premium compressor and a locally designed, bespoke drilling tower to produce an innovative drill and blast drill rig that conforms to all OEM specifications. Liyema Drilling is currently successfully operating the JS205 drilling machine at a coal mine in Delmas. /ends

ELGi Air Compressors

ELGi offers a complete range of compressed air solutions ranging from oil-lubricated and oil-free rotary screw compressors, oil-lubricated and oil-free reciprocating compressors, centrifugal compressors to dryers, filters and downstream accessories. The company's portfolio of over 400 products has found wide application across many industries. Whether it is the paint on your wall, the car you drive, the medicines you take or the leather bag you carry, ELGi products have probably been used either in their production, maintenance or usage. More than **2 million ELGi** compressors operate across 70 countries, offering the lowest cost of ownership in the industry.

Integrated Air Solutions

Integrated Air Solutions are the exclusive regional sales and service partners for ELGi Limited, a leading global air compressor manufacturer offering a broad line of innovative and technologically superior compressed air systems. ELGi has earned worldwide distinction for designing sustainable solutions that help companies achieve their productivity goals whilst keeping the total cost of ownership low.

Based in Boksburg, Gauteng, Integrated Air Solutions personnel have decades of experience with the ELGi brand, and are highly committed to supporting the full sales and service value chain. Apart from carrying an extensive stockholding of compressors, parts and accessories, our trained service and workshop technicians are always available to ensure the highest levels of Uptime for your mission critical air installations.

When it comes to providing individually customised and engineered high pressure compressor packages, Integrated Air Solutions are the unrivalled market leaders. www.air-solutions.co.za

A GiGi Investments Company

Integrated Air Solutions is a GiGi Investments Group company.

GiGi Investment Group companies include:-

Integrated Pump Technology (Pty) Ltd

Integrated Pump Rental (Pty) Ltd

Integrated Air Solutions (Pty) Ltd

Integrated Ship Handling (Pty) Ltd

Fogmaker South Africa (Pty) Ltd

Issued on behalf of:

Integrated Air Solutions

49 Malcolm Moodie Crescent, Jet Park, Boksburg, Gauteng

T: +27 (0) 11 894 2906 F: +27 (0) 11 86 627 6089

Media contacts:

Graham Russell – Group CEO

E: graham@air-solutions.co.za

Cristina Straussner – Group Marketing Co-ordinator

E: cristina@gigi-group.co.za