



OVERVIEW

Optidrive Plus 3^{GV}
reaches the heights
in South African
waterworks!

Global
Solutions...

wireless control for
hundreds of applications

with Invertek Drives
the solutions start here!

- easy to use and incredible performance
- leading edge design and technology
- highly committed to innovation
- products you can rely on
- global support and suppliers

For more information, visit
www.invertek.co.uk

COMPANY

DATONA CRANE SERVICES

Producing 100% torque with an open loop drive

Sterkfontein Dam, South Africa

Situated at the bottom of the Sterkfontein dam wall, the hoist is used to remove big valves and other equipment for overhaul and general maintenance. A key challenge in this application is the fact that the hoist has to provide a total lifting distance of 98 metres!

The 37kW, 380 Volt Optidrive Plus 3^{GV}, supplied for the project through Datona Crane Services, is able to produce full torque on the motor before disengaging the brake of the hoist, without the use of an encoder or closed loop variable speed drive. Further more, the customer was amazed at the incredible improvement in performance due to the elimination of the shock loading that they had previously experienced when using contactor control.

“The customer was totally delighted to see the infinite amount of control that the Optidrive Plus 3^{GV} gave them during their 11.5 ton load test and this not only in the hoisting motion, but also in the lowering motion too.” said Mark de Beer, General Manager of Invertek Drives in South Africa.

Mark continues: “We have been very successful in the use of the Optidrive range of products within the crane industry throughout South Africa. Needless to say, we have received a lot more enquiries regarding the use of Optidrives revolutionary technology in hoisting applications, and expect to rapidly grow our share of this market over the coming months.”



email: sales@invertek.co.uk web: www.invertek.co.uk

Invertek Drives Limited

Offa's Dyke Business Park, Welshpool, Powys. UK. SY21 8JF
Tel:+44 (0)1938 55 68 68 Fax:+44 (0)1938 55 68 69

