



VERDERFLEX® VERDERAIR® VERDERMAG®

ISSUE 1 Vol. 9

Pump Times

Maximize your profits

Maximize your profits through increased production and lower operating costs with our latest Verderflex DURA. Read all about the design features of the newest addition to the DURA range, launched at Electra Mining, in this edition of Verder Pump Times. In this issue, we also provide you with the plant design considerations in our second technical overview of the high density slurry series; give you some tips for Thickener Underflow installations; and introduce you to the new tube pump range: Verderflex INDUSTRIAL.

Also, see below who took home the fabulous 42" LCD TV from our business card draw held during Electra Mining.

Highlights:

- New DURA 35 design reduces maintenance costs
- High density slurry: An engineering challenge 2 of 6
- Thickener Underflow installation tips
- Industrial tube pumps
- Winner of the LG 42" LCD TV announced!!

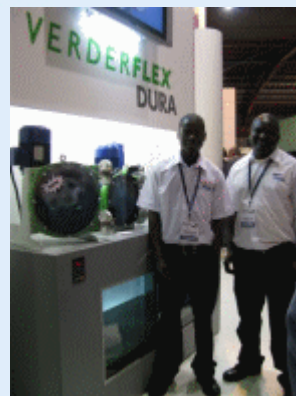
New DURA 35 design reduces maintenance costs

The new Verderflex DURA 35 was launched at the successful Electra Mining Africa exhibition held at Nasrec between 8 and 12 September 2008.

This is the first time that the new DURA 35 peristaltic hose pump has been shown anywhere in the world. The pump is more energy efficient, and runs at the same flow rate as the VF32 pump, however, requires less revolutions for the same flow rate, owing to its 35 mm diameter.

The DURA range has a longer hose life, owing to the new hose design, the pressure mechanism, and the reduced amount of the number of compressions, which ultimately reduces maintenance costs.

The smaller range of older generation Verderflex pumps, namely the VF10, VF15, VF25, and VF32, will in time be replaced by the new DURA range of



The new DURA 35 showcased at Electra Mining (seen with VPSA workshop fitters Kamayi Muchero and



pumps, which consists of the DURA 10, DURA 15 and DURA 25, with the latest being the new DURA 35 pump.

Jonathan Mapirwe)

The latest DURA model boasts the same features as the new generation pumps: an ultra-compact construction, which dramatically reduces the floor space needed for the pump by up to 70%. The rigid pump housing is designed for heat dispersion and strength, thereby reducing power consumption.

The range has been designed to provide much lower capital running costs, owing to the viscous nature of the products pumped by Verderflex peristaltic hose pumps. The pump requires less maintenance and the durable pump drive is suited to the pumping of slurries, 80% solids, abrasives or viscous liquids.

In the mining industry it can be used for dosing, reagent dosing, flocculant dosing, and pumping abrasive liquids in a slurry.

Full-scale production of the newly launched Dura35 pump range will begin in January 2009, at the company's manufacturing facility in Leeds, UK. A number of units, however, will be made available to the local market in the current quarter.



VPSA team provided technical advice on pumping applications



Verderflex VF125 still proves to be a show-stopper



VPSA team (from left): Desiree Verdon (Internal Sales Manager), Duncan Brown (Verderflex Product Manager Leeds), Andries Verder (Chairman: Verder Group), Keith Gass (Director), Kasha Wos (Marketing Manager) and Rob Shaw (Sales Engineer)

High density slurry: An engineering challenge

Technical overview 2 of 6

Part 2 of our technical overview delves into the design considerations for high density slurries and paste applications. Specifically, we look at the preparation and pumping processes that increasing solids concentration affects. Click [here](#) to read more.

Thickener Underflow installation tips

Hose Pumps are the pump of choice for thickener underflow duties. They can run very high SGs, over 2, increasing process yields. Furthermore, they withstand the abrasive wear from the sub-micron particles in the slurry – reducing cost of ownership compared to the high costs of repeated impeller changes on centrifugal pumps. Click [here](#) to read our installation tips.



Industrial tube pumps

In addition to our existing offering of quality pumps, the Verderflex Industrial range of tube pumps provides a balanced selection of simple to operate peristaltic pumps. The family offers the customer pump choices that are compact, can have multiple heads, are simple by design, can have hazardous area ratings. Click [here](#) for more information about the Autoclude range of industrial tube pumps.



Winner of LG 42" LCD TV announced

We thank all of you that visited our stand at Electra Mining and entered our business card draw for the incredible 42" LCD TV!

The card drawn belonged to Ricco Britz of LogiProc. Congratulations!!



Ricco with VPSA director
Keith Gass



Ecstatic Ricco with his new TV



Ricco couldn't wait to get home to install his TV for the weekend's rugby matches

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