

## **Weir Minerals Division**

2494 S. Railroad Avenue  
Fresno, CA 93707  
USA

Tel: 559 442 4000

Fax: 559 442 3098      [www.weirminerals.com](http://www.weirminerals.com)

Excellent  
Minerals  
Solutions



For Immediate Release:

### **Weir Minerals Floway Pumps introduces the VTSP- Vertical Turbine Slurry Pump**

The patented VTSP design addresses the market need for an abrasives solids handling vertical turbine pump.

#### **Johannesburg, South Africa – February 10, 2015**

Weir Minerals Floway Pumps introduces the new Floway® VTSP- vertical turbine slurry pump - addressing the industry demand for a longer lasting, abrasives solids handling vertical turbine pump. Following several years of design innovation, research and testing, the VTSP has been demonstrated to last four times longer in solids handling services when compared and tested with the Floway® vertical turbine pump bearing assembly.

The patented VTSP bearing design allows for continuous operation in services with a maximum solid content of 10 percent by weight and excursions of 20 percent by weight during temporary upset conditions. This design results in a longer mean time between required maintenance and an overall reduction in the customer's total operational costs.

"We listened to our customers when they expressed the need for an abrasives solids handling vertical turbine pump which would last longer than the available designs in the market today," said Barry Cockerham, Managing Director of Weir Minerals Floway Pumps in Fresno, California. "We responded with the VTSP which we believe will provide extended life while maintaining the highest product quality."

"Wear life is critical in many pump applications and the existing technology was not producing acceptable results", said Daniel Boldt, Product Engineering Manager at Weir Minerals Floway Pumps. "Due to the demanding nature of abrasive services, design innovation was required to realize a significant improvement in wear life. After extensive design work and both in-house and field testing, the new VTSP product line demonstrated a notable advantage over traditional vertical turbine designs."

Weir Minerals Floway Pumps has supplied pumps and processing products for the Minerals industry for over 80 years. We are dedicated to engineering, manufacturing and servicing high quality, long lasting products such as the VTSP. In designing this product line, our research and design teams took wear life, hydraulic performance and overall quality into consideration. The Weir Minerals Floway Pumps engineering teams are continuously searching for design solutions to increase efficiency and wear life in order to meet the rigorous demands of our customers.

**WARMAN®**  
Centrifugal Slurry Pumps

**GEHO®**  
PD Slurry Pumps

**LINATEX®**  
Rubber Products

**ENDURON®**  
Comminution Equipment

**KHD\***  
High Pressure Grinding Rolls

**VULCO®**  
Wear Resistant Linings

**CAVEX®**  
Hydrocyclones

**FLOWAY® PUMPS**  
Vertical Turbine Pumps

**ISOGATE®**  
Slurry Valves

**MULTIFLO®**  
Mine Dewatering Solutions

**HAZLETON®**  
Specialty Slurry Pumps

**LEWIS® PUMPS**  
Vertical Chemical Pumps

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license by The Weir Group.

For more information about the Floway® VTSP design, visit [www.weirminerals.com/VTSP](http://www.weirminerals.com/VTSP) or contact Howard Jones or Kevin Roelofse at Weir Minerals Africa on +27 11 9292600

### About The Weir Group PLC

Weir, a FTSE 100 company founded in 1871 and headquartered in Glasgow, Scotland, is a global provider of engineering solutions to the minerals, oil and gas and power sectors. Weir is committed to going where our customers go, with a worldwide network of more than 200 manufacturing facilities and service centres. The business has a presence in more than 70 countries, with more than 14,000 staff around the world working in three divisions; Minerals, Oil & Gas and Power & Industrial. Weir's customer base includes the world's largest mining houses, major oil services businesses and nuclear and conventional power generation companies.

Annual revenues were more than U.S. \$4.1 billion in 2012, of which more than half came from the provision of services and aftermarket support. Emerging markets contributed 35% of overall Group revenues. See [www.weir.co.uk](http://www.weir.co.uk) for further information.

### About Weir Minerals

Weir Minerals employs more than 7,000 people worldwide delivering end-to-end solutions for all mining, dewatering, transportation, milling, processing and waste management activities. Weir Minerals has an advanced product range incorporating brands such as Warman® centrifugal slurry pumps, Geho® PD slurry pumps, Linatex® rubber products, Vulco® wear resistant linings, Cavex® hydrocyclones, Floway® Pumps vertical turbine pumps, Isogate® slurry valves, Multiflo® mine dewatering solutions, Hazleton® specialty slurry pumps, Enduron® comminution equipment, R. Wales™ specialty rubber products, Lewis® Pumps vertical chemical pumps and KHD™ high pressure grinding rolls (used under license from Humboldt Wedag GmbH)—covering virtually any application, in any environment. The Weir Minerals global network ensures they are close to their customer wherever they may base their local operations.

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FROM : CORALYNNE & ASSOCIATES  
TEL : +27 011 849 3142  
EMAIL : [communicate@coralynne.co.za](mailto:communicate@coralynne.co.za)  
WEBSITE: [www.coralynne.co.za](http://www.coralynne.co.za)

FOR : RENE CALITZ  
WEIR MINERALS AFRICA (PTY) LTD  
TEL : +27 011 929 2622  
EMAIL : [r.calitz@weirminerals.com](mailto:r.calitz@weirminerals.com)  
WEBSITE: [www.weirminerals.com](http://www.weirminerals.com)

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