

PUMPS

Concrete pumps enter local market

CARLA THOMAZ | FEATURES REPORTER

Concrete block, brick and paving machinery manufacturer Pan Mixers has launched the new range of concrete pumps by international manufacturer Sermac into the local market.

The Sermac concrete pump was launched at the Pan Mixers International Product Fair, which brought equipment and industry experts together.

Pan Mixers, which became the sub-Saharan distributor for Sermac in February this year, launched the new Star Series 6 range, with concrete flow rates of up to 60 m³/h and a maximum concrete pressure of up to 108 bar. The system is trailer mounted for increased mobility and efficiency across the various areas of a construction site.

Sermac vice-president **Dario Viello**, marketing manager **Alessandro Viello** and consultant for Sermac **Giancarlo Montesoro** were present at the launch of the Sermac pumps in South Africa.

"Sermac felt that we were an excellent fit for its operations, having examined our infrastructure, technical support facilities, service and reliability. We felt this was a natural extension of our customer base. Pan Mixers is already involved in the construction and concrete industry, so it suits our profile perfectly," says Pan Mixers MD **Walter Ebeling**.

He adds: "We have two Sermac pumps in the country right now. The SCL 100 CHP stationary pump, which runs at 100 m³/h, and the 4Z36, which has a four-piece Z-boom with a 36-m reach. It was the largest crane that we could import without having to use a double axel on the front wheels of the truck. The pump is mounted on a Mercedes 2628 truck."

Pan Mixers GM **Michael Dörner** notes that after years of research, development and testing under extreme conditions, the Sermac truck-mounted concrete pump uses a special S-valve that guarantees greater outputs and lower maintenance. The pump also has a self-compensating system between the ring and the wear plate and a double automatic system that provides for the lubrication of the S-valve and of the pumping pistons, allowing for regular and silent functioning. The high-performance pumping unit consists of a hydraulic pump combination that is mounted to a transfer shift gear driven by the engine power takeoff system.

The boom and pump are controlled through a proportional system distributor and all func-

tions are managed by radio remote control, with a variable regulation of the concrete output.

The company reports that the new Z-design pumps allow for opening and closing of the boom in confined areas and Sermac has incorporated large cylinders in the pumping group, making it easier to pump difficult or stickier concrete. The Z-folding type comes in lengths of

between 21 m, with four sections, and 41 m, with five sections. The boom types are equipped with auto lubricating systems on pins that reduce the frequency of maintenance by up to five times compared with traditional systems.

"What is exciting about the Sermac equipment is its quality. Every component is made of the best-quality product available, resulting in an overall product that competes with the best in the world," adds Ebeling.

Able to pump 140 m³/h of concrete, the pumps are suitable for the local construction and housing markets. The company reports that it is ideal for any large area and it offers neater, faster and more accurate placing of concrete, as well as reducing the amount of manual labour required.

ENGINEERING NEWS COUPON ON PAGE 92 E173101