



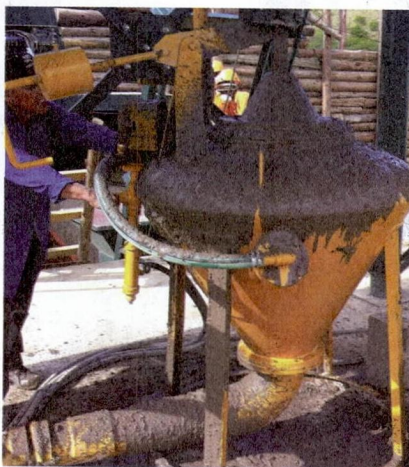
## Concrete placer pumps gain steady share in hydro projects

SEM Concrete Pumps, which is a member of the PMSA group of companies, has extended its market reach after recently supplying two of its locally manufactured concrete placer pumps to hydro projects in South Africa and Lesotho.

Durban-based SEM has been a leading manufacturer of concrete pumps since 1968, and was officially acquired by Pan Mixers South Africa (PMSA) – the leading supplier of concrete brick, block and paving-making machinery and technology in Africa, in October 2011.

SEM specialises in the manufacture of versatile and user friendly concrete placer pumps that are predominantly used in underground mining applications, however SEM General Manager Sarika Lutchman highlights the fact that the company's pumps have recently been commissioned at a number of dam building projects in Coffee Bay in the Eastern Cape and in Maseru, Lesotho.

"In September 2012, we commissioned the SEM 250 concrete placer pump for the client, who has been contracted to build a dam wall in the Coffee Bay region. The pump is ideally suited for use in the construction of dam walls, as it boasts a 250 litre capacity-per-batch, a maximum output



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of 19 m<sup>3</sup> per hour and a maximum pumping distance of 150 m horizontal or 18 m vertical, and is supplied either on a fixed stand or on a two-wheel site trailer," she explains.

Lutchman notes that in August 2012, the company also supplied a SEM 250 concrete placer pump to the construction company in Maseru for the building of a dam as well. Concrete pumps have also supplied

the SEM 500 which is the largest concrete placer pump in the SEM range to an engineering company for a project in Rocky Drift. "The SEM 500 has a 500 litre capacity-per-batch, a maximum output 30 m<sup>3</sup> per hour, and a maximum pumping distance 150 m horizontal or 18 m vertical. The SEM 500 is also supplied either on a fixed stand or on a two-wheel site trailer and, due to its large output capabilities, is mainly used for civil works and large development projects."

Due to the fact that there are no moving parts in the SEM concrete placer pump range, Lutchman points out that the danger of mechanical breakdown and subsequent downtime is almost entirely eliminated. "This simple, yet robust design ensures that SEM concrete placer pumps are able to operate at maximum efficiency, even in the most challenging site conditions."

Lutchman believes that SEM sets itself apart from the competition due to the fact that most other manufacturers supply piston pumps, which are considerably larger and more expensive than the SEM range. "The capital cost of the SEM range of air-operated concrete placer pumps is up to 90% less than that of a similar piston-driven pump." *Enquiry No: 20*