



Established success for Caprari's subsidiaries in Australia and Spain



Heavy duty in mining application
Caprari Pumps Australia is the Australasian subsidiary for the world renowned range of **Caprari Pumps**, Italy, one of the leading European manufacturers of quality pumps.

Caprari pump systems are available for a wide range of industrial, municipal, and horticultural applications. Caprari pumps are manufactured under DNV certified ISO 9001 Quality and ISO 14001:2004 Environmental Management Systems. The comprehensive Caprari range, which includes deep water, surface water, and a range of waste and drainage pumps, incorporates many innovative features offering significant benefits to the user. The Caprari PM series of pumps is available in sizes from 50mm to 150mm. The pumps are capable of flows up to 160l/s

and head pressure up to 1,000 meters. The PM series comes in a number of different configurations including gland packed and mechanically sealed; PN25 to PN100; single and double shaft extrusions; to name a few. High performance, efficiency, and robust construction are the main feature of this series.

The challenges of mine dewatering have been around since mining started. As underground mines get deeper, the challenge of dewatering increases. This challenge has been taken up by Tru-Flo Industrial Pumps of New South Wales, Australia. The pumps used in the photographed installation at Douglas Coal are Caprari PMST100HS/8A; an eight-stage horizontal multistage pump delivering 39l/s at 550 m head. These particular units were fitted with bronze impellers,

mechanical seals, and bearing temperature sensors. Caprari pumps have been chosen for their efficiency and reliability, as down time at the mines is expensive.

In-line systems, Caprari electric pumps for wastewater

With a history of sound market dealings and experience, the Caprari Group's Spanish subsidiary, Bombas Caprari, S.A., is about to celebrate its 30th anniversary in 2010 and now presents two special and important projects with Caprari electric pumps for wastewater installed in series as their main feature.

The first of these systems comprises K+ Series submersible pumps while the second features K-Kompact Series pumps in a dry pit installation. In this case, the customer is Coptalia, S.A.U., an enterprise that has business all over Spain in sectors that include: Street cleaning, beach cleaning, MSW (Municipal Solid Waste) collection, management and use of wastewater treatment plants, public highway maintenance, gardening, and works in general. Coptalia, S.A.U., is a medium-large undertaking with experience with both the Caprari brand and its solutions for professional users.

Advantages in the projects to be underscored: Sturdy construction, versatile installation (vertical or horizontal) and application (different types of impeller: Single-channel, double-channel, retracted open impeller -- vortex). The IP55 standard surface motor makes servicing and fault prevention easier.

Caprari places its specific skills and experience developed and established during more than 65 years in the business at the disposal of professionals who deal with the integrated water cycle. ■

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New FLEX-PRO A4 high volume peristaltic metering pump

The new FLEX-PRO® A4 is **Blue-White's** Highest Volume Peristaltic Pump.

A4 benefits include: Peristaltic pump design that does not have valves that can clog; outputs to 171 GPH/648 LPH; 2500:1 turndown ratio and continuous feed; output pressure ratings to 125 psi/8.6 Bar; pump tubes in Norprene or Tygothane meet FDA criteria for food; meets 3A Sanitary Standards.

The pump also offers: Automated PPM

dosing; operator-friendly digital touch pad with menu driven software; no maintenance brushless variable speed motor; patented tube failure detection system; heavy duty single piece rotor; the LCD displays motor speed, input signal values, service and alarm status; inputs include: 4-20mA, 0-10Vdc, and pulse signal inputs for external speed control, 30 VDC contact closure for remote start/stop, equipped with multiple analog and digital I/Os for SCADA



system connections; self priming even against maximum line pressure, bypass valves are not required.

The A4 won't vapor lock or lose prime. ■

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