

Bags sorted with conveying solution

FOLLOWING the successful installation of the Innovative Conveying System (ICS) into Baileys Fertilisers manufacturing facility in Kwinana, Western Australia a second system has now been ordered.

"The existing ICS conveyor that was installed in August 2007 has been operating exceptionally well and has improved our production output significantly by eliminating product spillage and improving general operation," Baileys Fertilisers general manager David Bonfield said.

"The improvements, reliability and after-sales service provided by ICS with the first system we had installed was a major factor in choosing the ICS over other conveyor options for our new system."

ICS operates a policy of utilising data generated from actual field systems to aid in the continual improvement of the design and manufacture of future products. The second Baileys conveyor system will benefit from such improvements.

The second ICS will be installed to convey mulch, pot-



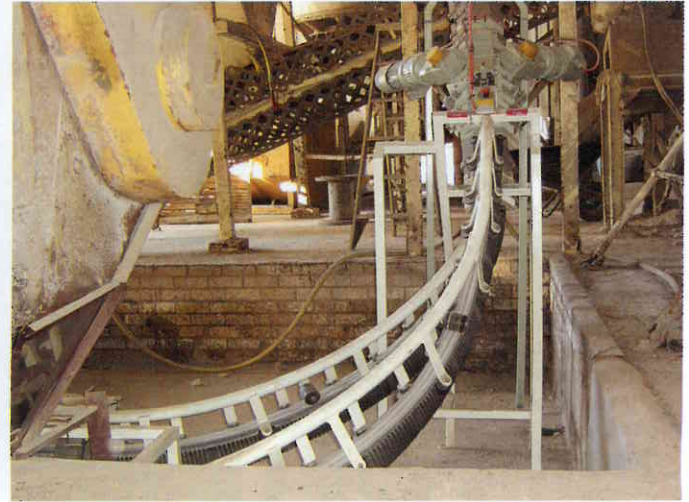
Innovative Conveying Systems International is providing a full turnkey solution, including a 12m³ hopper with feeder and full control integration with bagging machine to take the hassle out of conveying.

ting mix and soil conditioner at a rate of 10Tph from a feeder located outside of the manufacturing facility, approximately 30m to the bagging machine located inside the manufacturing facility.

The ICS will follow a straight conveying path with an incline of 45° before entering the man-

ufacturing facility and being suspended from the roof. The material will then discharge into the hopper for bagging.

ICS is providing a full turnkey solution, including a 12m³ hopper with feeder and full control integration with the bagging machine. The ICS will run below an existing conveyor which con-



The ICS will follow a straight conveying path with an incline of 45° before entering the manufacturing facility and being suspended from the roof. The material will then discharge into the hopper for bagging.

veys material to another hopper.

"We are excited at the potential conveying solutions that the ICS offers to the chemical manufacturing industry, particularly as the first installation at Bailey's has already proved itself," ICS managing director Michael Pietsch said.

The ICS can also provide a

viable conveying solution in the mining, construction and waste management industries for rates of up to 2,000 TPH.

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UV resistant covers are available.

Programmable pressure sensor

TURCK has released a programmable output pressure sensor with programmable PNP/NPN switch points. The sensor allows the user to select output as two switch points, or 4 mA to 20 mA analogue outputs with one switch point. This switch point or analogue start point can be programmed in the vacuum range to detect pressure in a positive pressure unit. The sensor allows the user to select units of pounds per square inch, bar, inches of water, feet of water, millibar, inches of mercury, metres of water, and kilograms per centimetre squared. The sensor's stainless steel construction meets IP67 standards, and rotating and non-rotating housing is available. A UV resistant cover for outdoor applications is also available.

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Submersible drainage pumps go hard

GRINDEX has launched a new series of submersible drainage pumps that can operate for longer in demanding conditions due to a redesign of the hydraulics section. According to the company, by preventing abrasive particles from reaching the vulnerable part of the pump, wear resistance is tripled. The new design ensures stable dewatering during the whole pump life. The new pumps have an ergonomic design which makes them easier to handle. They come with a cartridge seal which simplifies service routines because it can be fitted with a simple movement. The pumps feature an electronic motor guard. This stops the pump in such situations as a phase drop out, overheating or if the pump is overloaded. Another refinement is the air valve. In the event of dry running, the impeller automatically functions as a fan to cool the pump motor, bearings and seals when the air valve releases the hot air. Sykes Group is the Australian distributor for the Grindex range of products.

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The pumps have a longer lifecycle.