



Cold chain dock arrangement



Tieman Master Control Panel with integrated loading timers

Beefing up security

HANDLING PERISHABLE FREIGHT AT A COLD STORAGE FACILITY CAN BE A COSTLY PROCESS IF NOT MONITORED CORRECTLY – ESPECIALLY FOR **PRIMO SMALLGOODS**, THE LARGEST PRODUCER OF HAM, BACON AND SMALLGOODS IN THE SOUTHERN HEMISPHERE. BUT THANKS TO SAVVY RISK MANAGEMENT AND RELIABLE AFFILIATE, **TIEMAN**, THE COMPANY CAN BOAST A FLAWLESS TRACK RECORD.

First established in 1985, Primo Smallgoods' story began from a small manufacturing facility in Homebush, Sydney. Today, the company has evolved into Australia's largest producer of ham, bacon and salami, employing an excess of 4,000 people, all dedicated to providing premium products to households around the country. Its on-going commitment to food safety and professional risk management is what inspired Primo to choose load handling equipment by Tieman when it came to fitting out the docking section of the company's massive new \$130 million smallgoods facility at Wacol, in Brisbane's west. "We've been a partner of Primo Smallgoods for more than 20 years, so when they built the Wacol plant, they

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involved us from day one to ensure they include the latest in modern load handling technology,” says Tony Krlevski, National Sales Manager Materials Handling at Tieman. “Primo's operation is very demanding, especially in regard to maintaining an unbroken cold chain. That's why they came back to a tried and trusted brand like Tieman, because they knew we would find an innovative solution to ensure a trouble free operation around the clock, while

protecting their assets.” With security and accountability high on Primo's agenda, it was no surprise the company purchase of 12 units of Tieman model 714 dock levellers when the facility was opened in late 2011. Primo would have eight fitted to the chiller section and four to the freezer area. Due to the chilled environment that Primo operates in, Tieman has upgraded this particular model providing a full hot dipped galvanised finish for each dock leveller to

ensure longer service life. Each dock leveller is equipped with an 800 mm deep frame to cater for varying trailer heights. With a nominal rollover capacity of 12,500kg and measuring 2.1-metres in width, and 4.04 metres in length, along with SL 60 pit restraints equipped, the new dock levellers are built to withstand the strain of forklifts driving in and out of the parked trailers. According to Tony, it is a sequenced operation that only requires one operator to handle. “Once the trailer safely backs into the dock, the dock operator will inflate the door seals, which will in turn will raise the door. When the dock leveller is activated and the lip rests on the trailer floor, the internal dock light will turn green signalling the trailer is safe to load and unload,” he explains. “In addition, which are designed to hold back a trailer in the event of an inadvertent drive off or if a trailer creeps. However, Primo also wanted to include additional options that could monitor the length of the process.”

As a result, Tieman's latest design would also incorporate the innovative 4Sight maintenance system developed by US loading dock equipment company, 4Front Engineered Solutions. “The 4Sight is the latest in dock management software and serves a range of purposes to Primo, from monitor unloading and loading times and is extremely efficient,” Tony says. “The 4Sight allows the user to run monthly reports and ascertain accurate trailer docking times. Since Primo is charged demurrage if a trailer stays on site too long, the system will calculate that number.” The 4Sight is controlled through a remote screen that provides real time monitoring of each dock location. Should the time limit approach for the trailer on the dock, the system will alert the warehouse management. “The 4Sight is also assisted by timers that are fitted to the master control panels, this ensures the dock staff are fully aware of real time during the operation,” Tony says. “That's what won Primo over, the ability to monitor each delivery right down to the letter, as well as the dock leveller's safety options.”



'4 Sight' remote-monitoring of dock activity

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To ensure a problem-free working routine, Primo also decided on Tieman's Serco Master Control Panels and Swing Arm LED dock lamps. “The Tieman Master Control and Combination Panels are the ideal solution. Compared to the conventional installation of separate control panels, the Serco alternative can save you a lot of money in installation costs per dock position and ensures a sequenced and secure operation throughout the loading and unloading phases,” Tony says. “Primo's loading docks are arguably the most important place within the new plant, because of the stock that comes in and goes out every day. It can be a costly process if not managed properly and that's why the company needs equipment it can rely on.” Tieman offer national 24/7 mobile service with over 60 service vans servicing all brands of materials handling docking equipment. ➡



Primo Chiller Docks

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