



Weighing & Bagging

NEPTEK supply a range of semi and fully automatic weighing and bagging solutions that are reliable, efficient, accurate and fast. Industries include food, feed, pet food, chemicals and minerals.



Weighing Solutions



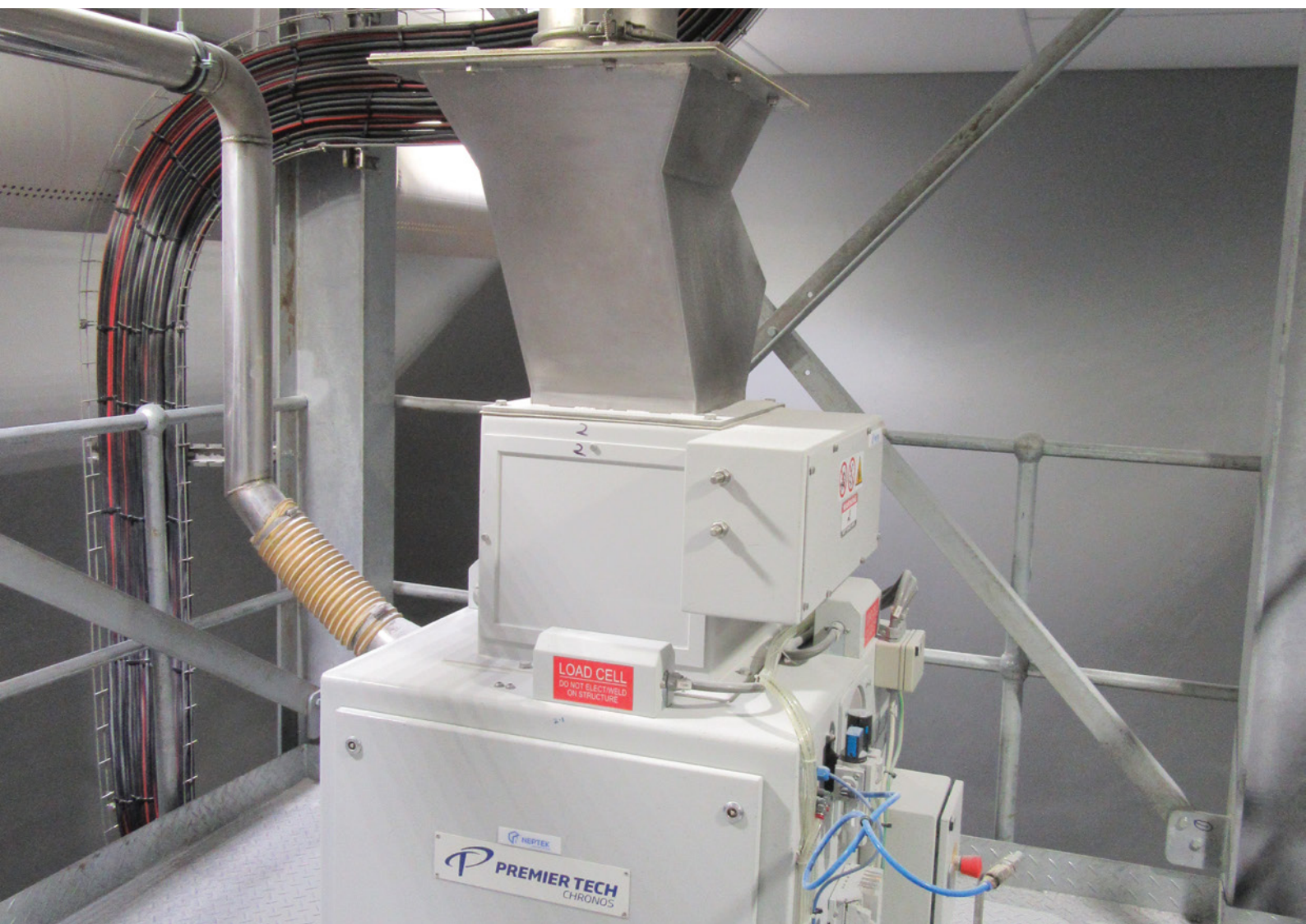
In-Process Weighers

In-processing weighing systems with a capacity of up to 35 tons per hour (material flow and bulk density dependent) to record material movements throughout the milling process. Three high accuracy loadcells provide fast stabilisation times for optimum throughput. Designed to minimise product build up on internal surfaces and in hazardous environments the weighers can be equipped with components that correspond with European directive ATEX.

Nett Weighers

Nett weighers are equipped with state-of-the-art load cell weighing technology allowing them to meet the highest demands for accuracy, reliability and performance.

Our precision weighing systems are available in single weigher, double weigher combinations or fully integrated in semi or fully auto bagging lines for weighing range from 5 to 50kg (larger weighments available on request). Combined with our digital weighing control modules the weighers comply with international standards.



Bagging Solutions



Semi-Automatic Bag Filling Lines

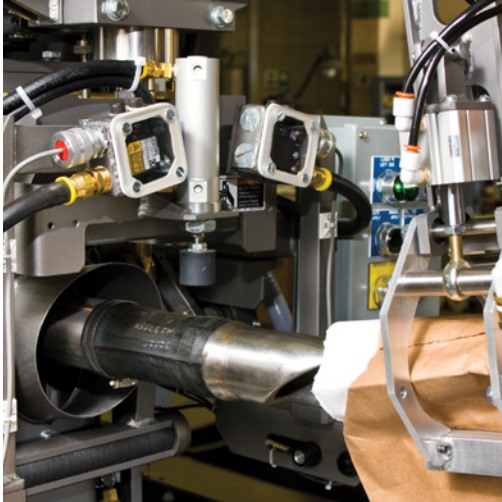
Semi-auto bagging lines automatically weigh the exact amount of product to be filled into the bag and then dump the pre-weighed product into the bag. The line is capable of handling open mouth bags ranging from 5kg to 50kg in size. The operator places the empty bag manually onto the weigher discharge spout and then presses either a foot pedal or switch to activate the bag clamps which clamps the bag onto the spout. Once clamped the product is automatically discharged into the bag. Once the bag is filled the operator releases the clamp and the full bag drops onto a conveyor belt that feeds the bag closing machine. An operator at the bag closing machine feeds the full bag through the machine as it is sealed closed. Bag closing options available are sewing, heat, tape or glue sealing.

Fully Automatic Bag Filling Lines

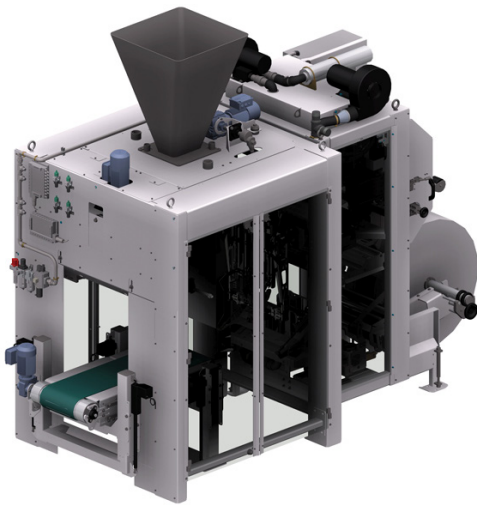
NEPTEK represent PREMIER TECH for the OML range of fully automatic bagging lines capable of handling open mouth bags from 5kg to 50 kg in size and speeds up to 1200 bags per hour (bag size and product dependent). The difference between the fully automatic and semi-automatic bagging line is that with the fully automatic bagging line the empty bag is fed from an empty bag dispensing magazine and automatically placed onto the bag spout. Once filled the bag is automatically fed into the bag sealing machine. Automatic adjustments are available on all open mouth bagging lines to facilitate quick product and bag changeovers. A selection of standard bag closing options are available. All equipment is PLC controlled with user friendly machine interfaces (HMI) and compliant with CE regulations.



Alternative Bag Filling Technology Available



- Valve Bagging



- Tubular Form, Fill and Seal



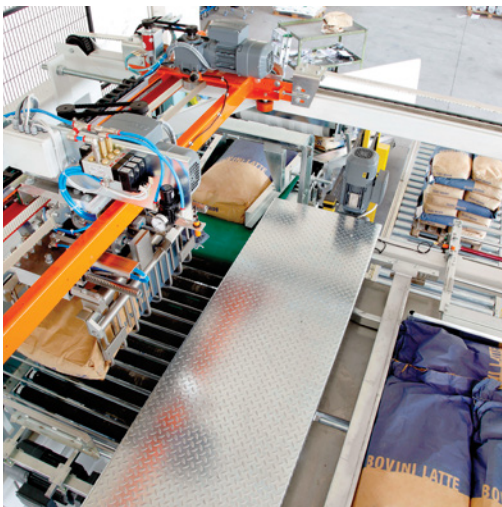
- Vertical Form, Fill and Seal

End of Line Palletising & Load Securing

(refer to palletising brochure)



- Palletising Robot (Fuji-Ace)



- Compact Layer Palletising Machine (Premier Tech)



- High Level Layer Palletising Machine (Premier Tech)



- Stretch Wrap Machine



- Stretch Hood Machine

Accessories



- Speedac NXT and IQ Weighing Controllers – Premier Tech



Features & Benefits

- Developed proven technology.
- Filling and packing accuracy.
- High performance.
- Controlled bag handling to avoid product contamination.
- Quick bag changeover to handle different bag sizes.
- Meet international safety and hygienic standards.
- Clean production area due to minimised dust emission.
- Excellent machine accessibility, allowing cleaning and maintenance to be carried out quickly and effectively.
- Local technical support and spare parts.