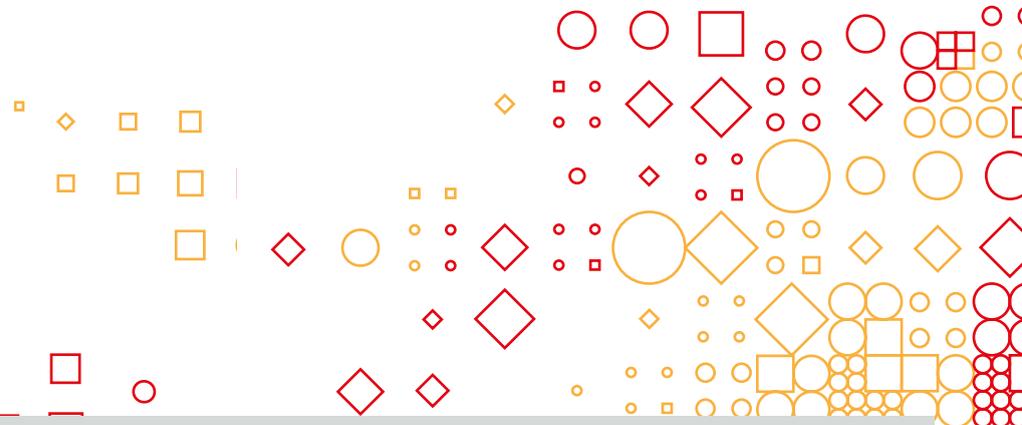


Packaging Solutions



Fully integrated packing lines

Weighpack prides itself in supplying fully integrated packing lines for fasteners and similar components. This integration has clear benefits to our customers: all machines in the line operate together efficiently, using the same Weighpack Overall Management System (OMS) control software. This enables your operators to work more efficiently, improves reliability, increases your throughput and reduces cost.

Line operations

Our packing and processing lines can include the following operations:

- packing products into boxes, bags, blisters, buckets and returnable containers
- feeding fasteners, fibres and other products
- lifting and tipping bulk product bins
- product weighing and counting
- erecting and closing boxes
- labelling and printing
- palletizing and de-palletizing
- mechanical and visual inspection and verification
- eddy current testing
- conveying loose products
- product untangling and separation
- stretch wrapping
- WMS-ERP data exchange
- inserting VCI sheets
- inspecting returnable containers
- thread rerolling
- bar code and QR code scanning
- sorting, by size, weight or quality

Experience
Customisation
Flexibility
Reliability



Custom designed for your application

Decades of serving the fastener industry means we can ask the right questions when designing a line which is perfectly tailored to your operations. We can combine our standard solutions with machines specially designed for your products, to optimise packing efficiency and minimise process interruptions. A large rotating basket to separate entangled long fasteners, and a bolt rerolling, inspection and packing line are just two examples of our custom-designed units.

Built for the long run

Our machines are robustly designed for a long life and minimum maintenance. We use quality components such as Festo pneumatics and Siemens PLCs which are available worldwide. Maintaining our machines is straightforward and can be done by your own technicians or by our maintenance team.

We build the units in our own workshops in The Hague, the Netherlands, where we have the space to set up full packing lines and test them before delivery. You can attend the tests in person, or remotely. For a remote Factory Acceptance Test (FAT) one of our technicians walks around the line wearing an AR headset so you can see exactly what is happening when you instruct them to check items of interest.

Servicing

Most routine maintenance of Weighpack lines can be done by your own technicians, using widely available components so you avoid vendor lock-in. We also have a team of service engineers who travel worldwide to undertake more complex maintenance and upgrades. Our lines have a WP Connect communication feature so you can give us remote access to monitor the operations if necessary. Your technicians can also use a phone camera or AR glasses to show our support team what is happening in your plant. This makes maintenance easier and more efficient, saving the cost and complications of international travel.

OMS: Overall Management System

Our lines are controlled using OMS which we developed in house, based on many years of close collaboration without customers. The software is specifically designed for controlling packing lines and ensures that your operators have a unified interface for every unit in the line. This reduces the staff training effort and minimises operator error.

OMS communicates with all the machines in your packing line and displays their operating status, current recipe, number of products and boxes processed, and more. The software uploads recipes to the line and enables you to store and recall all line variables to minimise change-over time. OMS can interface with other software such as ERP systems.

Stand-alone machines

We also supply a range of stand-alone machines:

- box forming and closing machines
 - furnace feeders
 - bulk product bin loaders
 - vibratory feeder hoppers
 - case packers
 - robot palletizing systems
 - belt conveyors
 - re-packing stations
 - connecting units
 - bag makers
 - semiautomatic and manual packaging solutions
- These units are often used to upgrade to existing lines supplied by others.

One supplier - one point of contact

Because we design, build and supply integrated lines rather than a collection of separate machines you benefit from a single point of contact. Whatever your question about the line, we are familiar with every aspect of it, so we can support you effectively. We keep detailed records of all the lines we supply, to facilitate future upgrades and modifications.



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