Modernlog – Winners of the Gold Medal of Grupa MTP



1. CVP Everest

Sparck Technologies BV

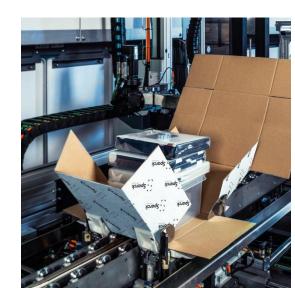
CVP Everest produces fit-to-size boxes at a speed of up to 1,100 boxes/hour. The packaged product(s), after being measured with a 3D scanner, are packed in a box without a lid and then they are transported by conveyors to the second module of the machine, where a lid of proper size is produced. Then the machine glues uses a hot-melt glue to attach the perfectly fitting lid to the box with the order. The box is extremely durable due to its bottom + lid construction (Fefco 300). The lowest possible height of the box (inner) is ~ 2.2 cm. Note that due to their minimal size, the smallest CVP Everest boxes are treated as letter shipments in most EU countries, which significantly reduces shipping costs. The CVP system is also available in a hybrid option (see attachment), which opens up further new possibilities for the user. CVP Everest is fully integrated with the customer's warehouse management system (WMS), therefore it prints and attaches shipping labels at the end of the cycle.



2. CVP Impack

Sparck Technologies BV

CVP Impack is an in-line machine that produces custom-made cardboard boxes at a speed of up to 500 boxes/hour. Produced boxes have a design similar to a typical flap box (Fefco 201) secured with adhesive tape on both sides. The packed item(s), after being carefully measured using a 3D scanner, is rolled in one production cycle into a perfectly cut-to-size cardboard box. The lowest height of the box (inner) is ~ 10 cm. After producing the box, CVP Impack will print and stick the appropriate shipping label downloaded from the customer's WMS. The machine is fully integrated with the customer's warehouse management system (WMS).



3. Sonixs TR-Connect strapping machine

MOSCA DIRECT POLAND Sp. z o. o

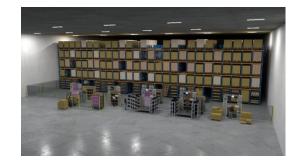
SoniXs TR-Connect – this automatic strapping machine with SoniXs TR-Connect remote access applications is a versatile machine for fully automatic processes. The integrated WebHMI interface provides insight into machine data such as availability, quality and performance. For frequently handled products, the user may customize the recipes. Optionally, it is possible to automatically change strapping settings via interface sensors. In advanced applications, the Mosca Digital package allows user to check the machine status using mobile devices. The open OPC UA interface enables SoniXs TR-Connect communication with many types of machines and systems.



4. Sky Storage - Automatic Storage System

REESINK LOGISTIC SOLUTIONS PL Sp. z o. o

Sky Storage is an advanced, integrated warehouse automation solution that combines technologies offered by Reesink Logistic Solutions: Movu Robotics - the Atlas Shuttle 2D system and the Geek+ system of autonomous mobile robots (AMRs). Sky Storage delivers increased efficiency, storage capacity and operational flexibility in warehouse environments. It integrates Atlas pallet handling technology provided by Movu company to ensure high-density, multi-level storage and retrieval by autonomous mobile robots (AMR) offered by Geek+company that operate in "goods-to-person" mode. Sky Storage is suitable for both B2B and B2C operations, supporting a wide range of item sizes for picking and storage. It allows operators to seamlessly add robots in order to scale operations. It is also compatible with smart equipment designed for automated smart warehouses, and maximizes warehouse space while ensuring high picking efficiency. Designed for flexibility and development Sky Storage is the ideal solution for companies looking to optimize their warehouse operations through automation.



5. Wearable Task Assistant

KARDEX POLSKA Sp. z o.o.

Increase efficiency, minimize errors and improve picking ergonomics with Wearable Task Assistant (WTA). WTA is an innovative wrist device that makes picking easier. A wireless scanner, Pick-and-Place support and a clear display on the wrist ensure a quick and error-free picking process. The system guides the operator, saving time and energy, and its advanced security features protect data and ensure operational reliability.

