

Press release

## **Quick and ergonomically correct unloading of containers**

**UNIVEYOR has in cooperation CPH Design developed a container unloader, the Empticon<sup>®</sup>, where a single operator quickly and efficiently can unload all types of container full of cartons without lifting a single one himself.**

### **Improves the work environment**

"The Empticon completely takes over the hard and wearing work of unloading containers, whether it is taking place manually directly onto pallets or by means of a telescope conveyor. With the Empticon the many undesirable lifts normally characterizing the traditional way of unloading a container are history," says the Managing Director Per Bjerring, UNIVEYOR.

### **Ergonomic and staff-saving design**

The Empticon is easily and ergonomically correct controlled by one single operator. The machine is operated from a hand-held control desk, where the operator navigates using a joystick. A suction mechanism leads the cartons onto a conveyor, which transports the cartons out of the container; thereby avoiding the many high, low, awkward and heavy lifts normally characterizing the unloading of high cube containers and trailers. Since the operator does not lift any heavy loads, he can work all day in the same workstation. At the same time it does not take much training to be able to operate the Empticon. Instruction and training can be completed within few hours.

### **High capacity – short payback time**

The Empticon has a high capacity and a short payback time. The capacity is around 600 cartons per hour and the machine can handle cartons of very different sizes. The Empticon unloads 20-45 foot high cube containers and trailers, and the machine can advantageously be connected with e.g. robot palletizing, sorters, miniload stores or fully automated storage equipment.

### **A container loader too**

"Of course the possibility of using the Empticon reversed also exists; that is, in connection with the loading of containers. When a container needs to be loaded, an ergonomic solution is also much needed."

### **Advisory group of logistics experts**

"The development project has been initialized and completed in cooperation with CPH Design. Furthermore, we have in this project also used an advisory group of logistics- and supply chain experts as well as users from five large companies – Hennes & Mauritz, Jysk, Bestseller, Leman and TOP-TOY, who all receive a large number of containers with cartons. The first Empticon machine is delivered in the beginning of February 2007 to H&M's Danish central warehouse in Greve."

### **Intelligent logistics solutions**

"UNIVEYOR supplies intelligent logistics- and handling solutions based on meticulous analyses of the company in question. Whether it concerns a complete solution or a smaller update, we ensure that our customers can be efficient and able to deliver to their customers. We have no standard solutions – only individual custom-made solutions based on tested standard elements."

### **UNIVEYOR is ground-breaking**

"UNIVEYOR has significant, competitive customers from a wide variety of industries, and we are constantly challenged to come up with new and innovative solutions. We have a strong team of

committed and experienced experts ensuring that UNIVEYOR set the agenda for the use of the newest technology.”

**About UNIVEYOR**

*UNIVEYOR is an international supplier of solutions for automatic handling and logistics.*

*UNIVEYOR has app. 200 employees and a turnover of app. 270 million DKK. The company is based in Denmark and has a subsidiary in the UK.*

*The company is part of the Columbus McKinnon group, who has a yearly turnover of 3.6 billion DKK making it one of the largest global actors within materials handling.*

For more information see [www.univeyor.dk](http://www.univeyor.dk).

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