

LIGMATECH at LIGNA in Hanover, from May 6 till 10, 2013:

## **Innovative ideas save money and protect the environment - The LIGMATECH highlights at LIGNA 2013**

**More efficiency, more flexibility, more productivity – and all that with minimum labor input.** LIGMATECH offers these features to customers, who want to remain competitive in the craft and industrial sector. In order to meet customers' demands even better the company essentially revised their production range and optimized their processes. At the LIGNA in Hanover, LIGMATECH exhibits innovative and high-quality machinery and plant concepts, which, in addition, are intelligent and protect the resources. From May 6 till 10, 2013 the visitors can assure themselves of the attractive product range. According to the slogan **Size Matters** LIGMATECH presents their highlights in the fields of assembly technology, packaging technology and automation.

### **Intelligent packing saves money and time**

Industrial furniture manufacturers, carpenters or joiners are more and more demanding regarding the packing of their products. Whether ready-to-assemble furniture, a completely assembled carcass or high-quality fronts, every component is to be optimally packed in order to reach the customer without any damages. Therefore, the packing process is continuously analyzed and concepts are refined, which do not only reduce customers' complaints but also provide an essential saving of time and reduce expensive and often unnecessary packing charges.

As the **latest innovation in the packing sector** LIGMATECH presents a new machine for automatic closing of cardboard-boxes. The perfect complement to the flexible **cardboard-box cutting machine VKS**. The times of adhesive tape, cutter knife and pre-assembled cardboard boxes,

which often do not suit, are over now. An investment which is profitable for the customer, as the **advantages** is obvious:

- Automated closing of cardboard-boxes with side sealing technology
- Significantly reduced material costs by using hot melt
- Maximum flexibility for different product dimensions
- Highest packing quality

### **Reducing energy costs and saving security**

Environment is important for LIGMATECH. The company focuses on even more energy and resources efficiency by means of the new **ecoPlus** technologies. This is mainly realized, among others, with the new **electric continuous case clamp MDE 120** and the **BOOMERANG® portal-type return conveyor ZHR 541**. By using electronic controls, energy saving of up to 50 % is possible.

Safety also plays an important role for the developments in the LIGMATECH company. Especially for that reason, the safety technology for the carcass clamps and the BOOMERANG® return conveyors has been completely revised according to the latest CE directive. Thus, the protection of the employees is considerably increased and unscheduled downtimes are enormously reduced.

### **Intelligent all-rounder - Robot systems by LIGMATECH**

The robot solutions from LIGMATECH increase the productivity of the production completely automatically. Whether sanding, cutting, edge processing, drilling, milling, assembling, packing or commissioning – the robots are all-rounder. Regardless whether batch size 1, small series or serial production. Innovative feeding and stacking systems or pick & place applications provide a high capacity with maximum repeat accuracy and outstanding precision. At the LIGNA, LIGMATECH shows **robot**

**palletizing at the cardboard closing machine VKV 710** for efficient and flexible stacking.

### **LIGMATECH machine and plant highlights at LIGNA**

If you want to assure yourself of the advantages of the LIGMATECH developments, you will have this opportunity during the LIGNA.

#### **Hall 26:**

- **Cardboard-box cutting machine VKS 250** with new highlights
- **Latest innovation** for automatic closing of cardboard-boxes
- **Cardboard closing machine VKV 710 with robot palletizing** for more productivity in the production
- New **electric continuous case clamp MDE 120** for energy saving of up to 50 %

#### **Hall 11:**

- **BOOMERANG® ZHR 340** with a larger variety of parts
- **BOOMERANG® ZHR 451** for a high performance and more dynamics

### *Background to the company:*

*LIGMATECH Automationssysteme GmbH is a traditional medium-sized company from Lichtenberg/Saxony (founded in 1981). In 1990 LIGMATECH was integrated into the HOMAG Group AG. The company, which is specialized in the production of machines and plants, is the market leader in the woodworking industry in its three strategic business sectors assembly technology, packing technology and automation*

**Source of pictures: LIGMATECH Automationssysteme GmbH**



**Photo 1: Intelligent packing saves money and time**



**Photo 2: Intelligent all-rounder - Robot systems by LIGMATECH**

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