#### **HAVER & BOECKER**



DIE MASCHINENFABRIK



### ENERGY SAVING TIPS FOR YOUR PACKING LINE



### OPTIMIZE PERFORMANCE

Packaging systems are more efficient when they are set up correctly. The entire line is optimized during installation by the OEM. Operators should be careful when adjusting equipment settings. Automating the line can stabilize performance, and digital monitoring can alert you in real time to any adjustments needed to bring performance back up. Continuous strong equipment performance leads to the highest energy efficiency.



### AVOID SHORT DOWNTIMES

During short downtimes, peripheral equipment such as bucket elevators, belt conveyors and dedusting filters continue to run and consume energy. Restarting all devices again and again costs time and more energy. Avoid downtime with automated and digital solutions, ensure a continuous flow of material and make sure your packaging fits well with your equipment and materials. Think about systems that ensure safe and continuous empty bag handling in the line and minimize cleaning efforts. All of this helps to reduce energy consumption.



### SWITCH PERIPHERAL DEVICES OFF

Save energy during longer downtimes by switching off all equipment and the compressed air supply for the system as well as all downstream and parallel energy consumption. Work with the original equipment manufacturer to install an automatic shutdown on the machines to make this process effortless.



### PREVENT PRODUCT LOSS

Product loss essentially means that all the energy used to produce the product is wasted. Avoid spillage, dust emissions and product loss during bagging by upgrading your existing equipment, optimizing equipment settings and choosing customized packaging. Work with your OEM to do this.



### OPTIMIZE FREQUENCY OF PRODUCT CHANGES

Do not change the packaged product more often than necessary. With each product change, equipment must be emptied and cleaned, leading to product loss and downtime, energy waste and ultimately, inefficiency of the entire packaging line.

## FILL BAGS

Make sure that the bags are filled exactly to the retail weight. Underfilling means that the bag cannot be sold, resulting in wasted material, bags and energy. In contrast, overfilling means that too much product is given away for free, wasting the energy used to make the product. The right equipment and perfectly designed empty bags ensure weight accuracy.



### HAVE YOUR EQUIPMENT SERVICED REGULARLY BY THE OEM

OEMs provide technical support for their machines and equipment. Take advantage of predictive maintenance to minimize the risk of downtime, prevent failure and operate energy efficiently. The OEM provides regular service, operational and maintenance support for your equipment.

# ↔ KEEP YOUR ↔ EQUIPMENT CLEAN

Keeping your equipment clean prevents dust and dirt from entering the equipment components, ensures the equipment continues to run smoothly, allows you to better monitor the condition of the equipment and reduces wear and tear. It also extends equipment life and maximizes performance, reducing average energy consumption per bag.



### BELEGATE PROCESS CONTROL TO THE OEM

Only healthy processes are truly efficient. Have your entire process inspected regularly and thoroughly. Call in an expert to inspect everything from product infeed from the silo, packaging and bag handling to palletizing and loading. The expert will recognize the areas that are not functioning optimally, that waste energy and that could lead to problems in the future. With their expertise and analytical know-how, the OEM can help.



### USE OEM TECHNOLOGY

Original spare parts guarantee that your system will run optimally. Do not allow inferior spare parts to cause unplanned downtime and outages. Extend the service life of your systems and improve energy efficiency with the right rebuilds & upgrades.

### **CONTACT US**

Call Haver & Boecker today to speak with our professionals for individualized recommendations on how to optimize your line for energy savings.

### **CHRISTIAN REINKE**

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