

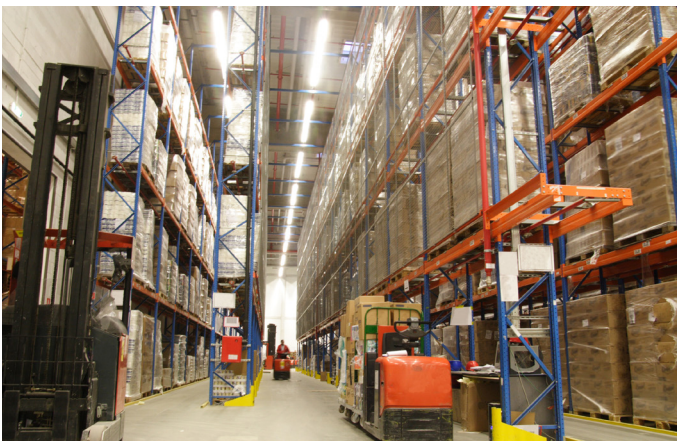
WAREHOUSES & LOGISTIC CENTERS



CONTROL TIME, SPACE & COSTS IN YOUR BUSINESS

Warehouses and distribution centers are often very large, consisting of multiple floors and even multiple buildings. Waste transportation and handling can be a huge challenge in this environment. The key factor is to organize the waste handling strategically and efficiently to contribute to the best possible business economy.

With Orwak solutions you can turn waste handling into a stream-lined process to save space, time and costs. Cut waste-related risks in the workplace, increase work-force productivity, handle diverse types of waste in different locations, and reduce waste disposal costs. And on top of that: Turn recycling into a source of income!



LESS WASTE = LESS RISKS IN THE WORKPLACE

Accumulated waste in warehouses and distribution centers can constitute a fire hazard, cause trip/fall injuries, and block passage ways for forklift and staff. In addition, frequent inhouse/onsite transports of waste increase the safety risks for staff and equipment. With Orwak solutions you can rapidly minimize the volume of waste material, reducing the risks associated with accumulating loose waste and keeping aisles, passageways and work areas clear.

Compaction directly at source reduces the need of in-house/ onsite transport of waste. High-density bales require much less storage space than piles of loose waste, and thanks to the small footprint of the Orwak systems you can be sure that they take up very little floor space.

MORE PRODUCTIVE USE OF TIME

Your staff should spend their time on productive activities, not waste handling. With the efficient solutions from Orwak, their time will not be wasted on manually handling empty boxes and other packaging materials. Install our solutions in vital areas throughout your premises.

This allows your work-force to handle waste faster and more efficiently at the source of waste. Compaction also reduces waste volumes and the need for in-house waste transportation. Thus your work-force can concentrate more on their jobs and increased productivity.



DISTRIBUTED OR CENTRAL WASTE HANDLING? OR BOTH!

Waste quickly accumulates in different locations in a warehouse or distribution center. With Orwak solutions you handle the waste on-the-spot by placing small sorting and compaction systems at several strategic locations close to the sources of waste; receiving/packing stations or other typical sources of waste. Other options are moving waste to a central location for compaction, or a combination of distributed and centralized solutions to suit your needs.

EFFECTIVE HANDLING OF DIVERSE WASTE TYPES

The vast mountains of waste can be a challenge in any business, but so can the range of waste types that must be processed daily. The robust compaction solutions from Orwak will help you deal effectively with a wide variety of materials: incoming packaging like cardboard/paper, plastic, steel and plastic bands. Our multi-chamber balers provide sorting of waste at source and produce compact waste for recycling or disposal.

LOWERING COSTS AND GENERATING INCOME

Reducing waste disposal costs and fees are important to any business. Orwak not only helps you to reduce these costs and fees, but also creates a new source of income:

- + Sorting at source > Higher waste material quality for recycling > Income from recyclable material
- + Highly compacted waste > Fewer container pickups > Reduced waste disposal fees
- + Sorting > Less waste for disposal > Reduced waste disposal fees

Investing in an Orwak solution guarantees the best total waste handling economy!



CASE STUDY

THE BRIQUETTE PRESSES DEAL WITH 700 TON CARDBOARD A YEAR

Stadium is a leading chain in sales of sports items and sports fashion in Scandinavia. To constantly supply all stores with products, a new enormous distribution center was built in Sweden. The giant warehouse has a floor space of 32,000 m² and is three stories high.

Close to 700 ton cardboard are generated per year when goods are delivered in bulk to the distribution center to be transported in smaller quantities to the stores.

To be able to handle the never ending stream of cardboard, Stadium has invested in 6 briquette presses of model Brickman 900K. They have a compaction ratio of up to 20:1 and rapidly process the cardboard to compact briquettes.

Orwak got involved at an early stage of the planning of the new building and presented Stadium with a proposal how to organize the waste handling efficiently. The Brickman are fully automated briquette presses - designed for environments with substantial



flows of material. The cardboard is fed into the machines through shafts and out come the briquettes without any further action required from the operator.

Earlier, Stadium had a much smaller central warehouse. Pär Förnander, in charge of purchase, tells us about the former more traditional solution with a dumpster outdoors. It was time-consuming and required a lot of internal transportation to get rid of the waste.

Pär Förnander:

"The briquette-press-solution works very well for us and it is well-adjusted to the conditions in this building. All the machines are installed on the first floor, but boxes from the second and third floors are led to them through shafts!"

COMPACTION SOLUTIONS FOR MOST TYPES OF WASTE

ORWAK develops solutions for sorting and recycling waste materials that improve business efficiency, contribute to a cleaner working and natural environment to provide the best total waste handling economy.

We offer an innovative range of products that promotes sorting at source and make waste management more profitable.