

DSV ROAD AB

DSV is a global supplier of transport and logistics services with 21,300 employees worldwide and facilities in more than 60 countries. DSV Road AB is one of the three DSV companies in Sweden, with 1,120 employees handling land-based transportation.

MEASURING STATIONS FOR PALLETS

Traditionally, DSV's cargo terminals only made random checks of the weights stated for pallets and parcels, but eight Swedish DSV terminals have each had a measuring station for pallets and parcels installed. The measuring stations enable the automatic recording of weight and volume, and the detection of bar codes can be done automatically or manually via a hand-held scanner.

Using this new system, DSV is now able to invoice the exact weight and volume to their customers, even if the stated dimensions of pallets do not match the actual results of measuring. The increased invoiced value therefore enabled a very short payback time.



Rob Visser, Warehouse Manager, Sweden:

"Qubiq's machinery has proven to have a large impact on our increased invoiced value. Today, bulk handling is a natural part of terminal handling, causing an increased proportion of goods to be stretch-wrapped and weighed automatically."

AUTOMATIC RECORDING OF WEIGHT AND VOLUME – MANUAL READING OF BAR CODES

A standard measuring station consists of 6 pallet locations, volume scanner, weighing cell, hand-held scanner and complete control system. The capacity is 120 pallets/hour.



When an FLT places the pallet on the infeed roller conveyor, the pallet travels through the volume scanner and reaches the weighing unit, where it stops.

The operator scans the bar code, and a visual check is made of the recorded weight and volume. The bar-coded information including weight and volume is then transmitted to the customer's system, whereupon the pallet is conveyed to the removal point.

The computer provides for the logging of measured data, the transfer of data, and the showing of data for measured pallets as well as the manual recording of any goods that cannot be handled by the conveying system. An operator's panel shows fault messages and enables manual operation and corrections, just as it shows the data of each position in the system.



The measuring station can be installed as a stand-alone unit or as an integrated part of a conveying system, for instance in conjunction with a box sorter.