



Highly precise weighing of chaotic product sequences



Determination of volume and weight using DWS



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DWS-System for highest productivity

Logistics giant Chronopost relies on weighing and inspection technology from OCS

The French logistics service provider Chronopost is one of the leading parcel delivery companies in Europe. To obtain the best possible market position, the organisation uses inspection technology from OCS Checkweighers. Semi-automatic and fully automatic DWS systems from OCS ensure the highest productivity and optimal parcel processing in relation to the actual quantity and volume of parcels handled.

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CHECKWEIGHERS

A Wipotec Company

The French sector giant promises to its customers that it will deliver national and international parcels with a weight of up to 30 kilograms by the following day, under certain conditions. The conscientious implementation of this daily challenge is based on highly professional intralogistics, the threads of which come together not far from Paris on the site in Chilly Mazarin. 450 trucks per day and an hourly rate of 30,000 parcels with destinations in more than 200 countries all over the world ensure the performance data in this sorting centre are an impressive, true logistical masterpiece.



Pascal Triolé, Chronopost

„We do not lose any revenue“

Pascal Triolé is Director Industry and Procurement at Chronopost. He knows that his organisation can only achieve customer satisfaction via co-operation with highly professional partners. Against this background and to optimise the processing and handling of parcels, many years ago OCS installed DWS systems and around two dozen catchweighers in Chilly Mazarin and numerous other Chronopost sites. „Thanks to the usage of the DWS systems“, says Triolé, „we are able to determine exactly the logistics services we provide and if necessary to charge any additional amounts to our customers.“ This possibility of revenue recovery, continues Pascal Triolé, is of immense commercial importance for Chronopost. „It makes it possible to charge fairly for the service we provide. Thanks to the DWS systems we do not lose any revenue.“

DWS systems from OCS commercially indispensable

At Chronopost all items of freight are placed on conveyor belts with integrated DWS systems from OCS for sorting by destination. In each of these DWS systems there is a barcode reading portal using which unambiguous identification and therefore full control and traceability of each unit weighed can be ensured. After scanning, the parcel length, height and width are determined by a certified measuring system in parallel to the fast, precise determination of the weight. Parcel dimensions and barcode data are then transferred to the weighing system and added to the weight data to form a single data string and saved in an alibi memory. Based on the information collected, Chronopost then identifies which customers need to be charged extra.

Unlike the fully automatic registration of normal freight, the inspection of items of freight that are non-standard in relation to contents, size or weight is semi-automatic. Here each parcel unit is identified manually using a scanner. Weighing and measuring dimensions are then undertaken fully automatically also here.

The load cells used in the catchweighers and DWS systems used by Chronopost are from the OCS parent company Wipotec in Kaiserslautern. The load cells operate based on the principle of electro-magnetic force compensation. This method produces significantly faster settling times and therefore measured results that can be obtained significantly faster than comparable methods based on industrial-scale dynamic weighing.

„We value OCS as a reliable partner.“

Pascal Triolé places extraordinarily high value on the many years of collaboration with OCS. „With the DWS systems our organisation profits from very short payback periods of only a few months“, says the Chronopost manager. And he adds: „The systems from OCS are completely tailored to our needs and impress daily with their mature technology and straightforward operation. Here OCS has sustainably demonstrated its great flexibility and its technical ability.“



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