# Spanish Fashion Empire Mango Relies On TGW’s Technologies To Serve Over 4,000 Shops

**On advertising posters, supermodel Miranda Kerr is the testimonial of fashion company Mango. Soon, TGW will give the Spanish fashion empire a new logistics outfit in Palau Solità de Plegamans, Barcelona, by installing Mango's new distribution centre.**

The new logistics centre will unify the handling operations of flats, pre-configured assortments and hanging garments for shop replenishment. The steady growth of the fashion giant and the implementation of new store brands lead to an increase in the number of international shops and a permanent extension of the product range. TGW offered Mango best in class cost-effective solution, which supports their growth with minimum labour costs.

The installation combines complex processes and handles nearly 38,000 different articles (SKU´s). Up to 4,050 shops forward their orders to the logistics centre per day with an estimated total preparation volume of 350,000 order lines per day.

The overall system includes a large multifunctional automated carton warehouse system used as case storage buffer, order consolidation and despatch buffer for flats, garments on hangers and Cross Docking order cartons.

The order fulfilment solution for the unit picking is based on a combination of sortation system and goods-to-person workstations fed by a common shuttle engine enabling to prepare units of a very large product range including accessories, flats, and shoe boxes into order cartons classified by family group.

The automatic carton warehouse with 33 aisles accommodates TGW’s Magito stacker cranes with Twister load handler following the "Push-Pull principle". Another eleven aisles are operated by TGW’s Stratus stacker cranes with Twister load handling devices. In addition, TGW will implement 14 aisles with STINGRAY Shuttle technology operating on 13 levels. The carton warehouse will provide space for about 1 million storage locations. In addition to the extensive warehouse, a goods-to-person order picking system and a sorter, TGW will also implement the overall Warehouse Control System and Material Flow Controller.

Javier García Cerrada, Managing Director of TGW Ibérica, is very pleased with the Mango order: "This project has been a challenge in which the creativity and effort of the team was key to achieve success. We are looking forward to a great collaboration with the fashion experts of Mango." The installation is scheduled to go live in 2016.

www.tgw-group.com

**About TGW Logistics Group:**

TGW Logistics Group is a worldwide leading systems provider of highly dynamic, automated and turn-key logistics solutions. Since 1969 the company has been implementing different internal logistics solutions, from small material handling applications to complex logistics centres.

With about 2,000 employees worldwide by now, the Group implements logistics solutions for leading companies in various industries. In the business year 2013/14, the TGW Logistics Group generated sales revenues of 371 million Euros.

**Pictures:**

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