Boozt.com
Sweden

AutoStore

Case Study
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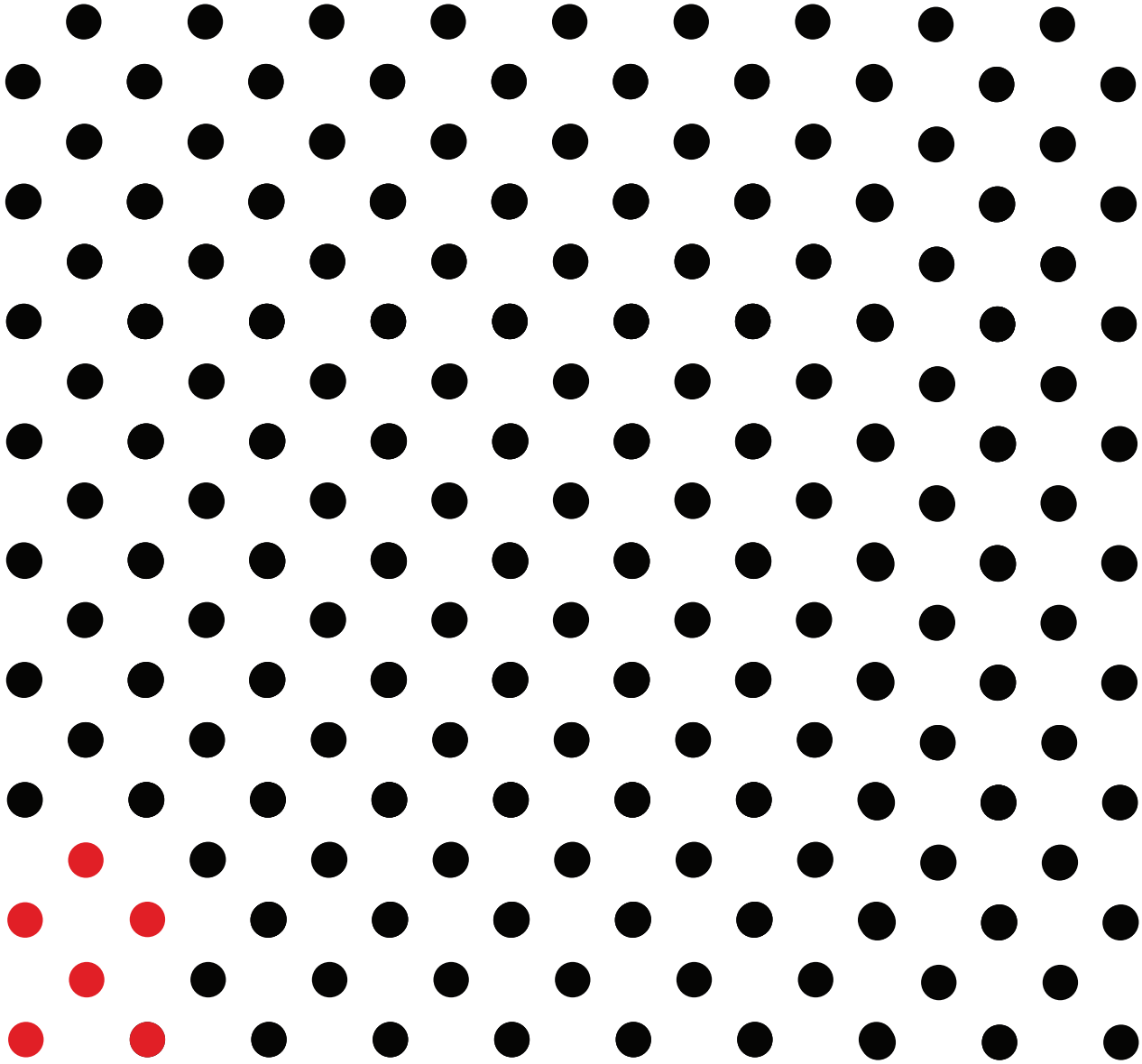

English Original

BOOZT.COM

End-User:	Boozt.com
Industry:	eCommerce fashion
Partner:	Element Logic
Country:	Sweden
Year:	2016
Robots:	130
Bins:	130 000

Boozt Initiates Major AutoStore Expansion to Prepare for Projected Growth

Boozt.com is an online shop for clothes, shoes and accessories. Opened in 2009, the rapidly growing retailer describes itself as a technology company selling fashion online. It merchandises more than 600 Scandinavian and international designer brands, including Day Birger et Mikkelsen, Filippa K, Esprit, Ganni, ECCO, Tiger of Sweden, GUESS, Polo Ralph Lauren, MOLO, and Desigual.

Boozt sends out 400,000 products to customers every month and expects that the number will continue to increase rapidly. To accommodate this growth, they have invested in AutoStore, a leading automated storage and fulfilment solution.

Working with Element Logic, a respected systems integrator in Scandinavia, Boozt first installed a 42,000 square meter AutoStore system at its central warehouse in Ängelholm, Sweden in March 2017. The original installation included 130,000 totes and 130 robots, allowing it to compress its inventory area to one-third of the space it previously required while boosting the efficiency of the pick and pack process by 100%.

The rationale behind the inventory increase and productivity gains is quite simple. AutoStore achieves its industry leading storage capacity by utilising tightly stacked plastic bins in a dense aluminium storage grid. The Boozt AutoStore system also features delivery robots, durable plastic storage containers, operator ports, controller and access points. Inbound products are placed in containers and deposited in available bin locations by radio operated robots.

Enhanced productivity

Only a few seconds are required for a robot to retrieve a bin and bring it to the edge of the grid where it is presented to the operator, in the goods to person approach. Because travel time is eliminated for order fillers, productivity is greatly enhanced.

The fastest moving items are typically located at or near the top of stacks. When the needed bin is located deeper in a stack, the robot repositions the containers on top to gain access to it. The most active SKUs remain at or near the top, thereby minimising the amount of digging required by AutoStore's energy efficient robots.

Boozt was drawn to the AutoStore solution based on its industry leading storage utilisation and flexibility for future growth. Additionally, the short installation and commissioning time for AutoStore system expansion played a major role. One important consideration is that a facility's AutoStore system can be expanded without shutting down ongoing fulfilment operations.

And given the rapid growth rate of the company, plans are already underway to increase the capacity of the highly successful AutoStore system at Boozt.com. During 2018, Boozt is looking to boost its capacity by 120,000 more containers and 120 additional robots. In the fall of 2017, an interim increase will see 50,000 totes and 21 robots implemented to increase capacity for the 2018 spring fashion collection.

“We have now been operating our Autostore since the end of March 2017 with very encouraging results,”

Once the 2018 AutoStore expansion is complete, it will feature 250 robots and 250,000 containers. At that time, it will eclipse the recently commissioned California Puma facility which features 172,000 totes, 170 robots and 23 ports, as the world’s largest AutoStore installation.

“The expansion of AutoStore gives us complete flexibility and lets us add additional boxes and picking robots when the order volume increases in 2018,”

Niels Hemmingsen, COO of Boozt.

AutoStore

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