


# Advanced Melters for Maximum Uptime

## Nordson technology supports one of Northern Europe's largest E-Commerce operations

Elgiganten AB (Elkjøp Nordic AS)

Nordson
Packaging

# E-Commerce in Northern Europe: Elgiganten Relies on Reliable Packaging Technology

**In Torsvik, Sweden, Elgiganten operates two large logistics centers that serve as central hubs for product distribution across the Nordic countries. These facilities play a key role in supplying both retail stores and E-Commerce customers and are among the region's most important logistics sites.**

**The Swedish magazine *Packnews* visited Elgiganten to report on its packaging machinery and, in particular, its Nordson adhesive application systems. Elgiganten is one of Nordson's most important customers in the Nordic region.** Source: Elgiganten har fastnat för Nordsons limapplikatorer; Packnews, author: Bo Wallteg.

## The Challenge

Elgiganten's two logistics centers in Torsvik, Sweden, form the backbone of the company's Nordic distribution network. From these facilities, approximately 80 percent of Scandinavia's population can be reached. Across a total area of nearly 200,000 square meters, 650 employees ensure that products for retail stores and e-commerce customers are picked, packed, and shipped efficiently. The product range includes a wide variety of consumer electronics, from large household appliances and mobile phones to headphones and other entertainment electronics. While smaller items for e-commerce are often packed individually and manually, products for brick-and-mortar retail are processed through the packaging lines in larger packaging units.

The packaging line consists of 13 case erectors. The majority are French B+ machines, now part of Sealed Air, which specialize in E-Commerce packaging. Their key advantage is flexibility, as they are based on modular designs that can easily be adapted by exchanging modules as needed. Not all equipment comes from B+; the packaging lines also includes machines from Lundgrens and Ranpak, among others. In addition, lid-closing machines are used. The corrugated boxes are available in three sizes and various heights: small, medium, and large. The largest format measures 60 × 40 cm.

Nordson adhesive application systems play a central role in the packaging lines and make a significant contribution to smooth packaging operations. "We value the reliability of the systems and the excellent collaboration," explains Jorge Leyton, Technical Manager at Elgiganten.

High equipment availability is particularly critical during seasonal peak periods. "During peak season, the pace increases significantly. It is therefore essential that all equipment operates at its best. Uptime is a decisive factor for us, and we achieve a very high level of availability," says Jorge Leyton.

Although the existing melters continued to operate reliably, Elgiganten decided to modernize. "We cannot say that the old systems had reached the end of their service life. Rather, it is a matter of upgrading at the right time. As technology ages, the risk of unplanned downtime and increasing maintenance requirements grows," says Jorge Leyton.

The company therefore sought a solution that would support long-term equipment availability, reduce maintenance requirements, and at the same time provide access to modern digitalization capabilities.




## The Nordson Solution

Elgiganten is investing in a total of eleven new Nordson ProBlue® Flex melters. Four systems have already been installed, with seven more scheduled to follow. The new systems are equipped with Blue Series™ II hoses, whose enhanced thermal management enables reduced energy consumption and shorter heat-up times. Improved thermal consistency ensures a precise and uniform adhesive temperature from the melter to the point of application.

A key advantage of the new adhesive application systems is the integrated Melt-on-Demand functionality. This technology melts only the amount of adhesive actually required. As a result, thermal stress on the adhesive is reduced while energy consumption is lowered. It also prevents molten adhesive from remaining in the system for extended periods.

The ProBlue Flex systems also feature advanced backup and configuration capabilities. Settings can be stored in the BBconn Cloud and transferred to other units, enabling a high level of process standardization. Manuals can also be downloaded directly from the BBconn Cloud. In addition, users gain detailed insights into system performance. Through the BBconn cloud platform, operating data can be analyzed, alarms evaluated, and configurations managed without interrupting production. Furthermore, Wi-Fi connectivity allows key system data to be accessed remotely and enables efficient management of system settings.




*Andreas Walkendorff, Jorge Leyton und Henrik Pettersson. Elgigantens Ansprechpartner bei Nordson.*

Much has changed over the past ten years, and according to Jorge and Andreas, the difference in operating the new equipment is enormous. Both agree that the systems are incredibly easy to use.

"All you have to do is select the correct program on the display and start it. After that, it is, of course, important to ensure there is sufficient adhesive available and that the necessary cleaning is carried out. The automatic adhesive feeding system is equipped with a sensor that indicates when adhesive needs to be refilled. This contributes to smooth, safe, and user-friendly operation. We only need to service the adhesive systems twice a year, and we do that ourselves," says Jorge.




"And if we need spare parts, we simply let Nordson Packaging know, and their customer service team ensures a quick and efficient response," says Andreas, adding, "To date, there has been very little downtime. Nordson's systems are extremely reliable and deliver maximum uptime and optimal process control. That means minimal interruptions and a high level of operational security for us."

The installation of the new melters was also largely carried out by Elgiganten's own technical team. "What is unique about Elgiganten is that Jorge Leyton and his colleague Andreas Walkendorff carry out the entire installation themselves. We only serve as backup support. That is highly unusual," says Henrik Pettersson, Area Manager at Nordson Packaging.

## Voice of Customer: A Partnership for the Future

"With this investment, we aim to further maximize equipment availability. At the same time, we can reduce maintenance requirements, increase automation, and take advantage of additional digitalization opportunities," says Jorge Leyton.

Elgiganten views this modernization as part of a continuous improvement process. Further investments are already planned for the future.

"We are constantly evolving and will continue to invest going forward. In doing so, we want Nordson to remain our trusted partner," says Jorge Leyton.




PACKAGING

Every package matters.

That's why manufacturers around the world rely on Nordson Packaging, the leading global manufacturer of hot melt adhesive dispensing solutions, to improve efficiency, reduce waste, and maintain consistent package quality.

Our advanced hot melt adhesive dispensing solutions are engineered to support higher productivity, maximize uptime, and lower total cost of ownership. With over 70 years of application expertise and a commitment to innovation, we help customers overcome production challenges and achieve reliable, high-quality results.

Wherever your operations are located, our global expertise and local support help keep your packaging lines running smoothly, every day, everywhere.

©2026 Nordson Corporation | All Rights Reserved | PKR-26-09 • 09/2026

/company/nordson-adhesive

@NordsonAdhesiveSystems

**Nordson Packaging** | www.nordson.com/packaging

Nordson Packaging