

# Press release

## Lenze launches the g350 – a Smart Product for the horizontal conveying

*Mechatronic Drive Unit delivers energy efficiency and superior performance in horizontal material flow*

**Roissy, June 18, 2018** - Lenze, a global leader and manufacturer of electrical and mechanical drives, motion control and automation technologies, has introduced the Lenze Smart Gear g350 – a compact mechatronic drive unit combining a gearbox, motor, electronics and software.

“Tailored specifically to horizontal material flow tasks, the g350 mechatronic drive unit is technically the best solution on the market today for material handling operations,” said Intralogistics experts. “It is available with torques of 25, 50 and 75 Nm in basic or advanced levels (including brake). These six versions cover an expansive solution spectrum and the solution is more energy efficient than drives customarily deployed in horizontal material handling.”

The g350 unit blends the motor and gearbox elements, so the gear ratio slips far into the motor housing. The integrated electronics and software make it possible for a fixed motor speed to be easily adapted via a user-friendly app for any NFC-enabled smartphone. At the same torque, speeds ranging from 42 to 221 rpm can be freely selected at the g350 gearbox output, resulting in a drastically reduced number of variations.

This reduction then affords cost savings because fewer in-stock components and less engineering efforts are needed.

Additionally, the g350 features integrated ramp functions and brake control options to ensure that conveyed goods are transported smoothly and safely without jerking motions that can damage materials and increase wear and tear on machine components. Optional Lenze

accessories allow the g350 unit to be fitted with custom features, such as additional torque support and a solid shaft, depending on the machine requirements.

Lenze drive solutions guarantee a smooth connection in any upstream or downstream horizontal material handling system—with improved energy efficiency and higher productivity.

**Characters:** 2100 about (spaces includes)

**You want to learn more?**

**Come discuss it from 26 to 29 November 2018 at all4pack,  
on our booth 6 S 117 in the hall 6**

Or call us to 01 49 90 12 12 or per email [sales.fr@lenze.com](mailto:sales.fr@lenze.com)

### **Illustration**

We welcome any free publication of this content.



**Legend:** Smart Product g350, a drive solution dedicated for the horizontal conveying.

(Photo Lenze)

### **About Lenze**

As a global leader and manufacturer of electrical and mechanical drives, a motion control and automation technology, Lenze offers a complete range of products and services: data analysis, control, visualization, electrical and electromechanical drives, software and services, all from a single source. In collaboration with the customer, Lenze experts develop consistent drive and automation solutions that facilitate the manufacturing, production and maintenance of machines. Lenze is one of the few vendors in the market to support OEMs throughout the complete machine development process.

In France, the subsidiary of Lenze SE has more than 40 years of experience with its sales headquarter located at Roissy-en-France, a manufacturing site and a logistics platform situated at Ruitz near Béthune. More than 150 people serve customers including sales engineers and application engineers in each region.

### **Additional info's are available by following these links:**

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