



Interroll presents the most powerful synchronous drum motor

- **A new drive makes the belt conveyor even more flexible**
- **Proven output of up to 1.1 kilowatts**
- **High torques up to 100 Nm**

Sant'Antonino, Switzerland, May 24, 2017. The Interroll Group, the world-leading manufacturer of key products for internal logistics, is setting new standards when it comes to modern material flow solutions: Today, the company launched the world's most powerful synchronous drum motor for belt conveyor systems, with a proven output of up to 1.1 kilowatts. The drive, which is available immediately, stands out thanks to its particularly high torque and extremely high belt tension. This makes it especially suitable for a high throughput of material to be conveyed.

"Our drum motors help system integrators and plant manufacturers around the world implement high-performance, energy-efficient and compact conveyor solutions," says Dr. Hauke Tiedemann, Managing Director at Interroll Trommelmotoren GmbH in Baal, Germany. "Our engineers' comprehensive expertise when it comes to technology and customer requirements flows into the new synchronous drum motors, which add higher performance classes to our product range. With this new product, Interroll customers can flexibly and efficiently implement new application scenarios in the internal flow of materials."

High torque guarantees a high belt speed

The new motor allows for belt speeds of up to 3.34 meters per second, and effortlessly tackles steep acceleration and braking ramps. The drive is manufactured entirely from stainless steel, meaning that the food and pharmaceutical industries in particular are provided with a drive solution that meets the highest hygiene standards. When compared to solutions with traditional gear motors, the cleaning and disinfection times are reduced by up to 30 percent. The construction and design of the fully enclosed drive comply with the directives of the European Hygienic Engineering & Design Group (EHEDG). In order to also comply with the strictest of requirements, the drive uses only materials that are certified in accordance with the specifications of the US Department of Agriculture (USDA), the US Food and Drug Administration (FDA), and the EU directive EC 1935/2004.

The construction of the Interroll synchronous motors means that a unique level of energy efficiency can be achieved. These motors display a loss of performance of just nine percent. A planetary gear that is manufactured from hardened steel transfers 92 to 95 percent of the available power directly to the relevant conveyor system, and drastically reduces the energy requirement when compared to alternative drive systems.

Synchronous drum motors from Interroll offer high output and high torque. They provide maximum acceleration and braking performance with an extremely low level of energy consumption. The motors work at a low operating temperature and stand out thanks to a high start-stop potential for conveyor systems in various industrial sectors such as food processing, the packaging industry and dynamic weighing technology, and other logistics applications. Thanks to its compact design, extremely small outer diameters can also be implemented. This means that users can convey a wide range of products on one single system.

PRESS RELEASE



Contact:

Martin Regnet
Interroll (Schweiz) AG
Global PR Manager
Via Gorelle 3 | 6592 Sant'Antonino | Switzerland
+41 91 850 25 21
media@interroll.com
www.interroll.com

Interroll Profile

The Interroll Group is a worldwide leading producer of high-quality key products and services for internal logistics. The company offers a broad product range in the four product groups “rollers”, “drives”, “conveyors & sorters” and “pallet & carton flow” to around 23,000 customers (system integrators and OEMs) around the world. Core industries are courier, parcel and postal services, airports, food processing industry as well as distribution centers and other industries. Interroll products are in daily use at amongst others well-known global brands such as Amazon, Bosch, Coca-Cola, Coop, DHL, FedEx, Peugeot, PepsiCo, Procter & Gamble, Siemens, Walmart and Yamaha. Interroll is engaged in global research projects for logistics efficiency and actively supports industry associations in developing standards. Headquartered in Sant'Antonino, Switzerland, Interroll operates a worldwide network of 32 companies with around 2,000 employees. The company was founded in 1959. The Interroll Group has been listed on the SIX Swiss Exchange and included in the SPI index since 1997.