

Siemens revolutionizes parcel unloading

- **Siemens Logistics sets new standards with a fully automated unloading solution**
- **RUBUS® enables a throughput up to 20 times higher than manual processes**
- **Easily adjustable to different facilities without structural modifications**

As the number of parcels continues to grow worldwide, courier, express, and parcel (CEP) service providers are challenged to realize handling in short periods. In response to the need for fast unloading of trucks, and in line with industry requirements, Siemens Logistics has developed RUBUS®, a fully automated unloading solution. Thanks to RUBUS, parcel service providers can unload trailers at unprecedented speeds. Hub operations become more efficient and more flexible than ever before.

“Siemens' RUBUS optimizes the parcel unloading process fundamentally”, said Michael Reichle, CEO of Siemens Logistics. “With this new technology, unloading is possible without any manual intervention. It is therefore up to 20 times faster than before. With RUBUS, we are setting a milestone in innovations and support our customers in significantly increasing their productivity.”

Gert Seidel, CEO of Siemens Logistics in the United States, explained: “RUBUS has been successfully integrated into existing facilities in the USA and has shown top performance during operations. Additional benefits are a much faster trailer turn around, no physically demanding manual unloading, and facilities can be designed with a smaller physical footprint and significantly fewer inbound dock doors.”

Every single step in the parcel handling chain contributes to system throughput. One core issue at parcel hubs is to quickly discharge trucks, which are arriving at higher and higher frequencies. This demand stretches manual unloading processes to their limits,

so optimizing the operation is crucial. RUBUS uses a unique method where parcels are unloaded fully automatically and at high speed with the aid of belts. The system allows a throughput of up to 25,000 items per hour. This rate is controllable, and it can be throttled dynamically at a central control station to match available system capacity. RUBUS can be configured for bulk flow as well as stream flow. In addition, it is easily adjustable to any facility without structural modifications.

Siemens Logistics has its own national company in the USA, headquartered at DFW Airport, Texas. Also there located is one of the research and development sites of Siemens Logistics. The US team is part of a worldwide network of regional companies and offices. With this local presence, the company ensures nearby competence to handle projects and provide optimum service.

For further information on Siemens' unloading technology, including a product video, please see www.siemens-logistics.com/en/unloading

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Siemens Logistics GmbH, headquartered in Constance, Germany, is a fully owned subsidiary of Siemens AG. Siemens Logistics is a leading provider of innovative and high-performance products and solutions for mail and parcel automation; for airport logistics including baggage and cargo handling; and for the digitalization of logistics processes using high-end software. Comprehensive customer service completes the portfolio. Siemens Logistics is represented worldwide through its regional companies and active in more than 60 countries. Major customers include renowned airports as well as postal and parcel service providers around the globe. Further information is available online at www.siemens-logistics.com.

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. The company is active around the globe, focusing on the areas of power generation and distribution, intelligent infrastructure for buildings and distributed energy systems, and automation and digitalization in the process and manufacturing industries. Through the separately managed company Siemens Mobility, a leading supplier of smart mobility solutions for rail and road transport, Siemens is shaping the world market for passenger and freight services. Due to its majority stakes in the publicly listed companies Siemens Healthineers AG and Siemens Gamesa Renewable Energy, Siemens is also a world-leading supplier of medical technology and digital healthcare services as well as environmentally friendly solutions for onshore and offshore wind power generation. In fiscal 2019, which ended on September 30, 2019, Siemens generated revenue of €86.8 billion and net income of €5.6 billion. At the end of September 2019, the company had around 385,000 employees worldwide. Further information is available on the Internet at www.siemens.com.