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## Presseinformation / Press Release

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Secure and dependable transfer

### **denimove as a versatile conveyor system for the most varied industries**

**Atlanta/Weinfelden, April 4, 2016. Originally, Denipro AG developed the denimove ultra-flat conveyor for the synchronous transport of workers on the body shell assembly line (people mover). But after becoming established in the manufacture of automobiles, the people mover system was quick to catch on in other industries, too – for example in fresh-food logistics, in the food trade and in the consumer goods industry. To convey heavy goods and span longer distances, the Swiss specialist in rolling conveyor technology is now offering a heavy-duty version in addition to the standard denimove 120 model. It's called denimove heavy. Thanks to a more powerful, externally mounted motor, transfer sections of a maximum of 50 metres in length can now be realized for transporting payloads up to 5,000 kg. The standard denimove version with the drive mounted inside the conveyor is configured for lengths between six and twelve metres.**

“With denimove, factors like total smoothness, low vibration and gentle motion have a crucial role to play,” says Denipro CEO Jens Kirchhoff, drawing on his own experience with various car makers, which have long been using denimove with a high level of acceptance from the workforce. One such manufacturer, Volkswagen AG, is using the Swiss system on the body shell assembly line at its Emden facility, on an installation that's over 60 metres long. Workers are in this case fitting a colourful mixture of components (including boot lids, tailgates and bonnets) to two VW Passat models (saloons and estates). The low-maintenance, dirt-resistant plastic

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modular belt conveyors from Weinfelden give Volkswagen a very dependable and ergonomic system that helps the company achieve high throughputs.

Denipro has now introduced further improvements to this modern floor conveyor technology, and added new features. Development engineers in Weinfelden have equipped the transfer system with a more stable and flexible frame structure and tuned the roller elements underneath the modular belt for even higher energy efficiency. Some improvements, such as the new collector tray, are only apparent at a second glance. The rather inconspicuous container mounted on the end of each denimove unit has been specially designed to collect screws and other small parts that, as experience shows, are always falling onto the belt and can lead to serious and costly downtime and interruptions. The tray is emptied after long or short intervals, depending on how often workers “lose” small parts and other objects. To do so, it can be removed with a simple click, emptied, and then reattached.

At only 120 millimetres in height, the standard version, denimove 120, is equipped with an almost indiscernible internal drive that’s perfectly adequate for moving the belt along a distance of six to twelve metres. The new heavy-duty version, denimove heavy, has a much more powerful, externally mounted motor that can drive a belt section of up to 50 metres in length and 3 metres in width. While denimove 120 has been designed for loads up to 450 kg, the more powerful denimove heavy can set up to 5,000 kg in motion. Denipro envisages uses for the heavy-duty version in a host of application areas outside the automobile industry. In Great Britain, for example, an initial customer project is up and running for the transport of refrigerated containers with the aid of denimove heavy. But the standard denimove 120 version, too, has found takers amongst food wholesalers and supermarket chains, where, for example, workers simply push scrap packaging onto the denimove belt for transfer of the waste to disposal.

Both denimove versions adhere to the sophisticated Denipro modular concept. Thanks to this modular design, the system can be individually adapted to the customer’s specific requirements and assembled on site in the shortest possible time. Even after years of operation, upgrades or modifications involve little outlay, while the drive stations can also be replaced in a matter of minutes. The result:

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extended downtime can be avoided, and all maintenance schedules are reduced to a minimum of time and expense.

## Pictures and Captions



160308\_Denipro\_Denimove\_Modex 2016a.jpg 160308\_Denipro\_Denimove\_Modex 2016b.jpg

denimove in operation at VW in Emden, Germany: the Denipro modular belts provide workers with an ergonomical platform for the fitting of components.

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### **About Denipro AG**

Denipro AG, with headquarters in Weinfelden, in the Canton of Thurgau, Switzerland, is a specialist in rolling conveyor technology. Since 2008, the Swiss company, which was founded in 1984, has launched four innovative products, all based on the principle of “rolling, not sliding”. The advantages of this principle: less friction and wear, plus far less energy consumption and maintenance. As a system supplier, Denipro stands for relatively simple solutions with a totally modular concept that offer customers high added value. Like its associate companies Ferag AG, WRH Marketing AG and PMC Print Media Corporation, Denipro is part of the global Walter Reist Holding AG group.

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