

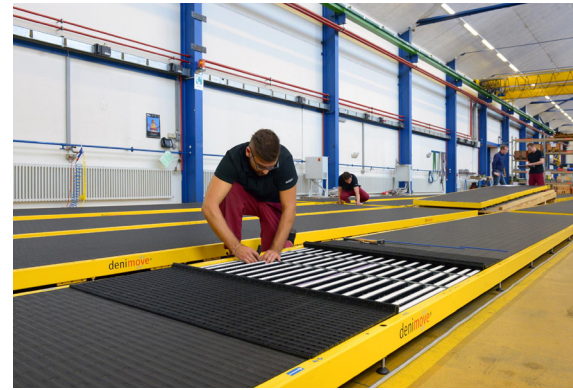
North American breakthrough

denimove worker-rider belt celebrates USA première

Weinfelden/Switzerland. Swiss system supplier [Denipro AG](#), the developer and manufacturer of denimove modular belts, has begun a cooperative marketing effort in North America with material flow specialists [Bastian Solutions](#) based in Indianapolis, USA. For their first project together, the Swiss supplied a 42-metre long worker-rider belt comprised of four modules. This recently went into operation assisting component fitters in the body shop at a Japanese OEM in the State of Indiana, to the customer's complete satisfaction. Quiet running, straightforward and low maintenance, coupled with high operational reliability are all characteristic of denimove technology.

«Joining forces with Bastian Solutions marks the beginning of a further advance in deployment of our ultra-flat conveyors. Our hope now is to rapidly acquire further denimove projects in the NAFTA countries», says Denipro CEO Daniel Fasser in light of the first denimove conveyor being installed in the United States. The present customer is a Japanese OEM with long-established production in the USA. The objective in deploying the worker-rider belt was to further increase efficiency and operational reliability in its body shop, where components are fitted to body shells. The denipro conveyor consists of four in-line modular belt

units covering a 42-metre section that altogether performs seven work cycles. Three twelve-metre-long modular belts accommodate two work cycles each, with another work cycle performed along a contiguous six-metre segment. Power for each conveyor unit comes from two drives operating as master and slave. Both are fully integrated within the conveyor unit to avoid a trip hazard, and replaceable within minutes should maintenance become necessary. Denipro is the only supplier in the world using a master-slave system. The modular belt is able to run at differing speeds, with the slave motor present to keep it perma-



Ergonomic assembly line: denimove conveyors can be installed very easily and rapidly.

nently tautened. This feature contributes greatly to the denimove conveyor's operational reliability and fail-safe performance.

The denimove modular belt likewise raises the bar in terms of work ergonomics. Denipro's consistently applied principle of «rolling, not sliding» ensures that the belt moves with great quietness and precision. The customer was sold on this benefit right away. At the same time, the new denimove line met with worker acceptance after a very brief acclimatisation phase. Plant personnel have long come to appreciate the greater ease of work brought about by the Denipro system. Along with work ergonomics, production quality rose as well.

Denipro partner Bastian Solutions is a globally active system integrator focused both on engineering and the implementation of intralogistics projects, and in particular their configuration and integration with associated information technologies and communication infrastructure. Not only does the company implement material flow projects for production and assembly (in the automotive, aerospace, food and pharmaceutical sectors among others); it is also present in areas such as distribution and multi-channel retailing.

denimove in action: here at VW in Emden (Germany).

