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## **Assembly Lines in “Media Heaven”: New drive for W<sup>5</sup>-traxX system**

**Wampfler develops an electrical friction wheel drive for media supply system / Enhanced spectrum of use for assembly lines / Presentation at the “Motek” international trade show**

Weil am Rhein, August 2007. Wampfler has developed a new electrical friction wheel drive for the W<sup>5</sup>-traxX media supply system. This greatly enhances the spectrum of use and performance capability of demanding assembly lines. Specialists will provide the first comprehensive introduction to the innovative drive at the world’s leading trade show for assembly and handling technology, the “Motek”, in Stuttgart from 24 to 27 September. Wampfler AG will be presenting its technology at its own trade show booth in Hall 9.

The new friction wheel drive features adjustable speed controls of up to 20 m/min and moves payloads of up to 100 kilograms. Its compact form enables conveyor systems in closed rail systems using curved profiles – this makes it possible to achieve radii of up to 800 mm. Both the drive and control unit are based on a 24 VDC motor. Limitation of the radius of operation and reverse motion are controlled using an inductive limit switch. The small SPS can be programmed freely, making it possible to specifically adapt the solution to a variety of customer requirements.

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## **W<sup>5</sup>-traxX automation solution**

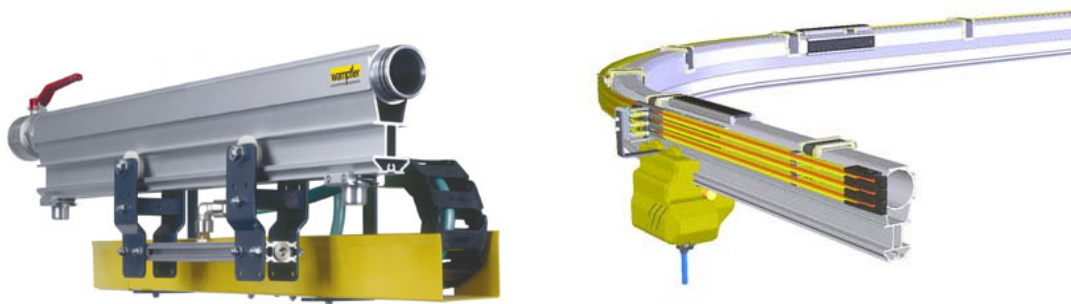
The W<sup>5</sup>-traxX media supply system integrates the compressed air line into an aluminium carrier profile and continuously supplies mobile consumers with compressed air, electrical energy and data via energy guiding chains, conductor rails or festoon systems. An adaptable, contact-free position gauging system complements the range and permits exact determination of the position of the trolley and automated data acquisition in the assembly line.

The modular design features a mounting system on all sides with clamping profiles to guarantee simple installation and flexible retrofitting or reorganisation. A comprehensive safety package completes the new solution from Wampfler: Double O-ring seals, captive screw connections and retainer devices are standard on all travel gear axles, thus ensuring maximum safety.

## **Short profile of Wampfler:**

Wampfler AG is part of the Delachaux Group and is headquartered in Weil am Rhein, Germany. It is a world leader in production of mobile energy supply and data transmission systems. Wampfler is represented by twelve of its own companies and by several partners in nearly every key country. In 2006, the Wampfler Group, a team of approximately 500 people, generated sales of nearly 100 million Euro.

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*Caption: Wampfler AG's W<sup>5</sup>-traxX media supply system has been enhanced with an electrical friction wheel drive.*

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