

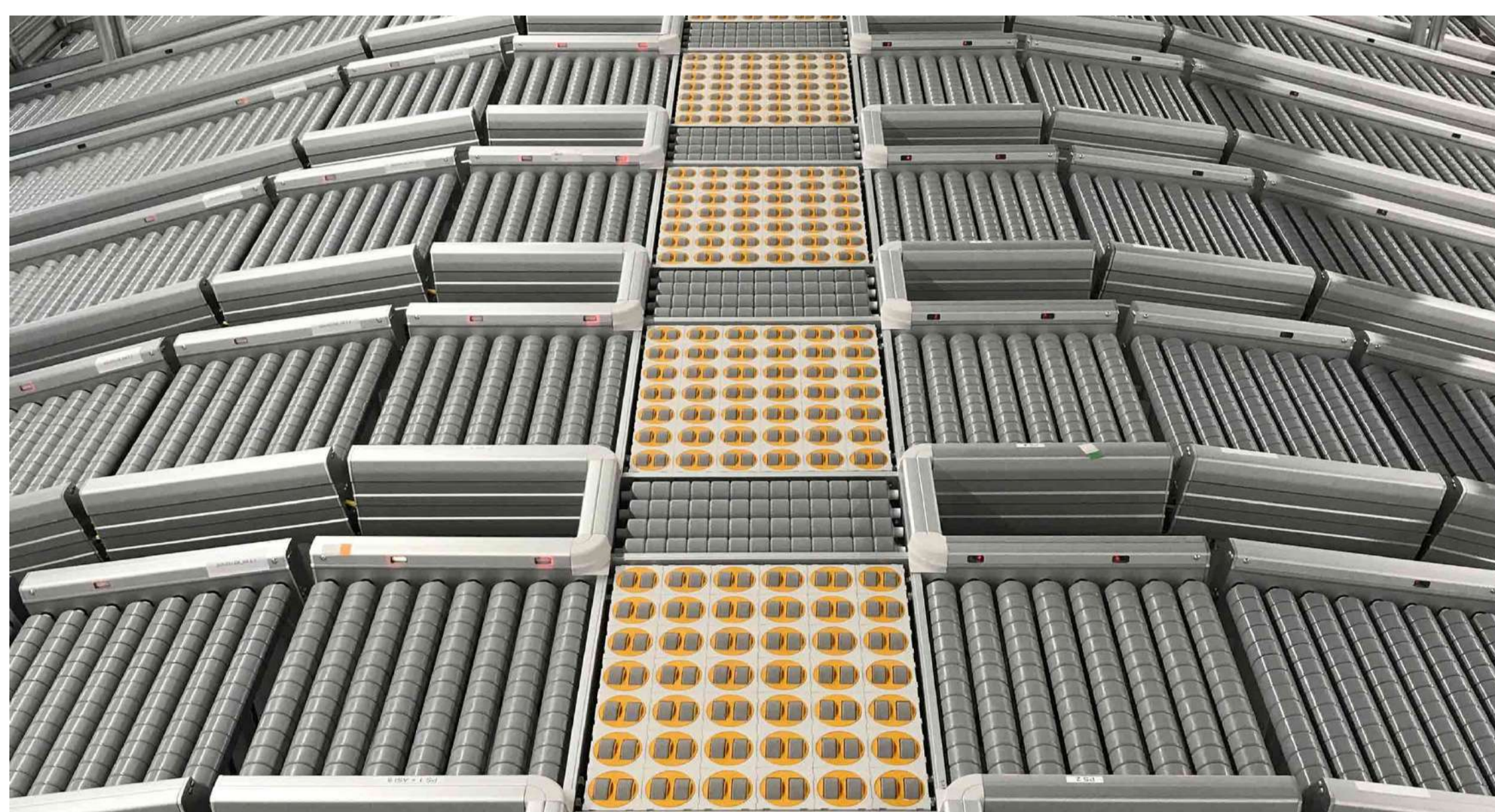
Riazzino, 29th August 2024

Press Release PR-33

About our modular unit for transportation

Avancon-OTU: Modular Solution for Versatile and Efficient Material Handling Systems

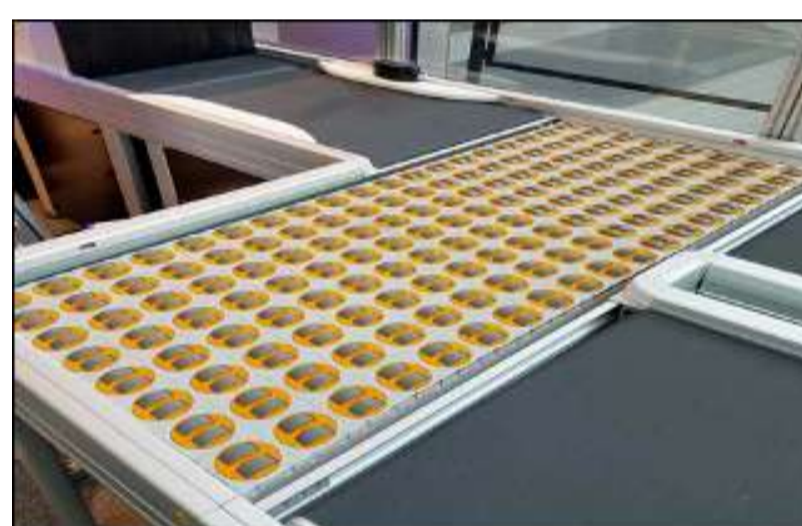
Avancon-OTU (Omnidirectional Transfer Unit) is a revolutionary element for conveyor manufacturers and conveyor system integrators. It's designed for small and large logistics and distribution systems as well as packing lines or machine concatenation. The Avancon OTU will become an Indispensable module in conveyor design and an essential element in material handling.



The Avancon-OTU is a versatile unit that can move all goods with a flat base in any direction. It fits into nearly all conveyor setups using special aluminum frames and comes fully assembled with motors and controls tailored for your needs.

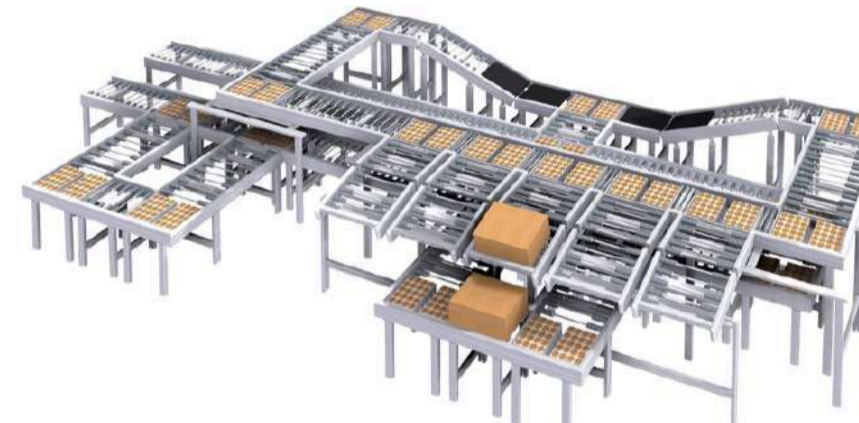
Here are some examples of how it can be used:

Pharmaceutical Distribution line: In Korea, a big pharmaceutical company uses Avancon-OTU units to create a distribution system for efficient order dispatch



Airport Security: These units are used in checkpoints of new airport security lines with modern CT scanners for hand baggage. They are chosen because they are flat tables and fully enclosed and secure and will be installed in airports around the world.

Warehouse High Bay Storage: Perfect for warehouses, directing them to eight different locations. This system, used by a major manufacturer of shower cubicles and sanitary parts in Italy.



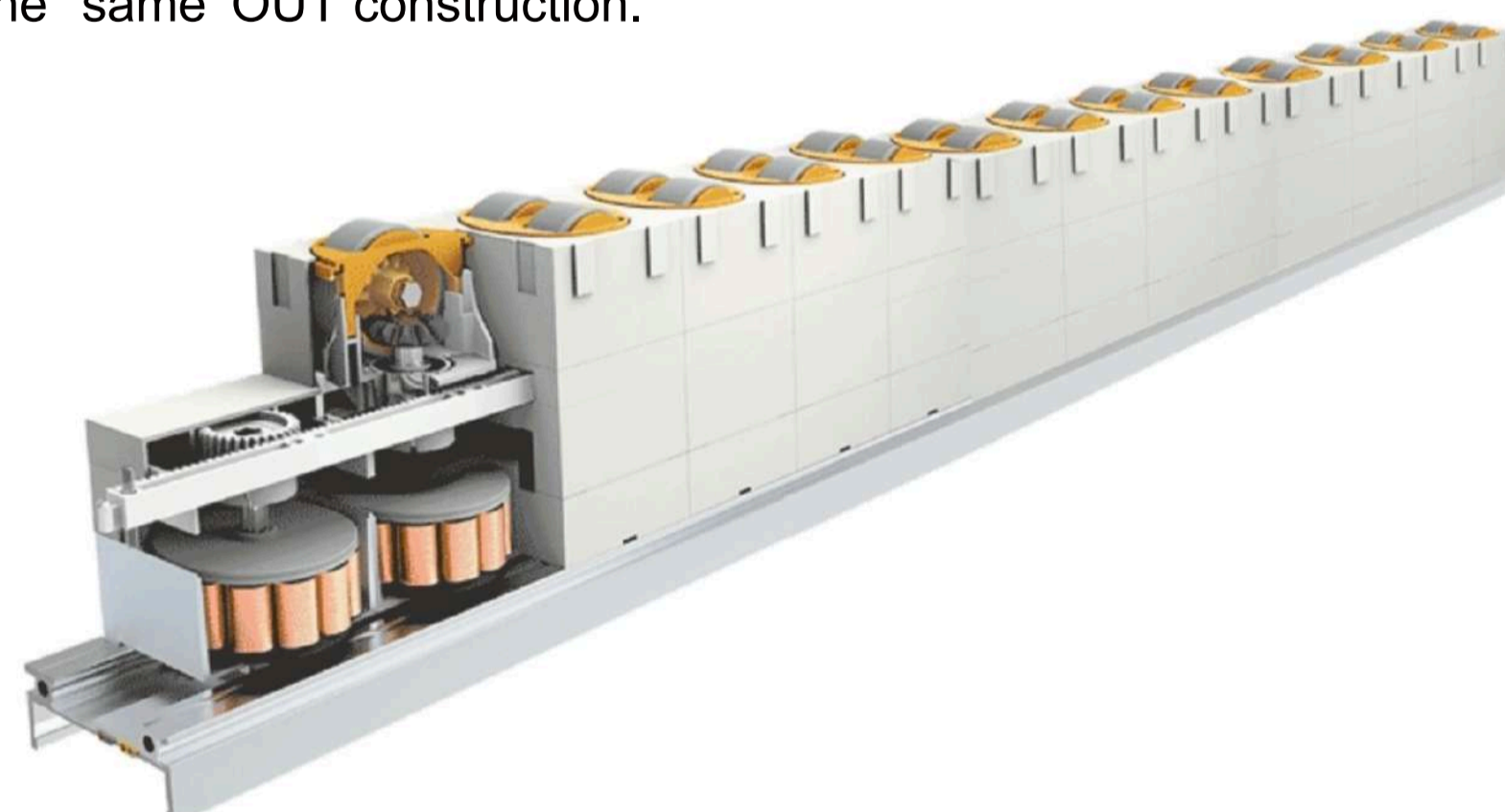
Sorter: The Avancon OTU- sorter smoothly moves goods – exchange parts for motor cycles and bicycles in a curved path to the right or left, making sorting and distribution more efficient.

Warehouse High Bay Storage: Perfect for warehouses, directing them to eight different locations. This system, used by a major manufacturer of shower cubicles and sanitary parts in Italy



The OTU tables can be used in many other situations, like for sideways movements before barcode readers, in high bay storage picking, moving goods around corners, or taking items off a powered line for inspection.

Each OTU-block can carry up to 10 kg and can move at speeds of maximum 1.5 m/s in any direction. The size of an OTU table can be adjusted to fit your needs, offering great flexibility and scalability. You can replace all other constructions, as transfers, corners, crossings, also large X-crossings for different directions and so on with just the same OUT construction.



One of the standout features of the Avancon-OTU is its advanced drive and control system.

The single OTU -lines can be easily put together to OTU-tables. Each OTU line can have max. 12 blocks and is equipped with 2 BLDC special motors, one for moving the rollers and the other for moving the direction. A complete OUT table can be equipped with sensors that allow for precise control and smooth operation. This ensures that goods are handled gently and accurately, and improving overall efficiency.

Additionally, the modular design of the Avancon-OTU means it can be easily integrated into existing systems or scaled up as your needs grow according to the modular principle. Whether you need to expand your sorting capabilities, improve your picking efficiency, or streamline your entire logistics process, the Avancon-OTU provides a reliable and flexible solution. An OUT table can be easily controlled with the Avancon control system or adapted to your existing conveyor controls.

Avancon OTU or other Conveyor elements are available through your conveyor system producer and integrator. Discover how Avancon-OTU units can transform your logistics and distribution systems.

For more information: <https://www.avancon.com/otu-transfer.html>

About Avancon: Avancon is a renowned leader in providing innovative conveyor solutions that prioritize simplicity, efficiency, and reliability. With a comprehensive range of conveyor concepts for systems catering to various industries, Avancon aims to reshape the conveyor market and drive optimized productivity while reducing operational costs. Avancon products are available through conveyor producers or integrators.

For the editors:

- You can download **this report in PDF format** as well as photos in 300 dpi for printing or for the Internet as *.jpg format in 72 dpi from our website at: <https://www.avancon.com/press.html> -> **PR-33**

- If you have any questions, please contact: media@avancon.com

- Further information can also be found and mostly downloaded from our website: <https://www.avancon.com>.

- Without title, footnote and abstract, this report has 543 words and 3507 characters (including spaces)