

Press Release PR-20

About the new OTU 2-lines – (Omnidirectional Transfer Units Lines)
Title Proposals:

Riazzino, 09.11.2023

“This new Omni-directional Transfer Unit Line (OTU 2) turns the world of conveyors upside down.”

“Build transfer-tables flat, fast and simple with the new OTU 2 Lines.”

“Use this simple and reliable OTU 2-tables for your crossings, diverters, corners, transfers and even sorters...”

The Swiss Avancon SA seems to have a gold product for material handling systems, which have the potential to revolutionize the world of conveyor systems in Intra Logistics. It is a patented building block with 2 rollers that can move goods into any direction. This is now available as OTU 2 Lines, which can be combined to tables for building crossings, switches, diverters, transfers and even sorters at very low heights and fit into almost any roller conveyor design.

Avancon SA in southern Switzerland is gradually conquering the main international material handling markets with its new OTU 2 (Omnidirectional Transfer Units) as per-assembled lines..

Most of the existing constructions of switches and crossings etc. are usually too high, too complicated and expensive. It is not possible to build two or more conveyors on top of each other. Very often these transfers or switches are operated with pneumatics, which requires hoses next to the conveyors, special pneumatic units and finally a compressor.

Instead of many different constructions the single Avancon OTU is a versatile element with two rollers that can simplify the transport of materials on roller conveyors move in any direction, 360°. Thousands are already working in many large and busy logistics installations worldwide.

With the new idea, OTU 2 can now also be supplied as fully assembled lines that are snapped onto a special aluminum profile (for up to 12 OTU 2). This allows the conveyor system manufacturer to combine these lines into tables on which all types of containers, crates and cartons and all goods with a flat base can be moved very quickly in any direction (1.5 m/sec - that's between 6,000 and a maximum of 10,000 items per hour).

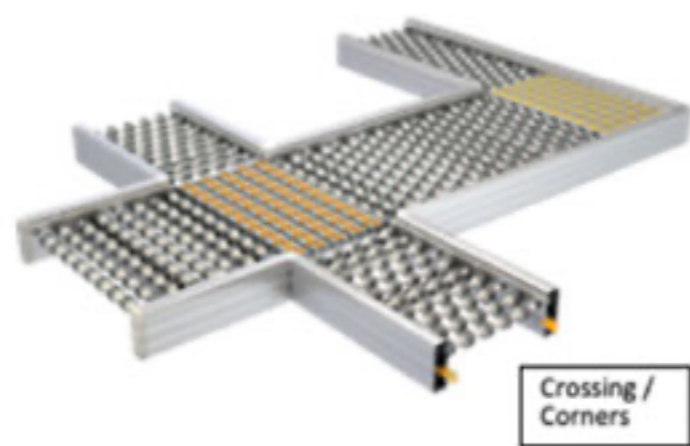
The new Avancon OTU 2 Lines and tables eliminate pneumatics or hydraulics, or large motors and complicated constructions.

Two BLDC motors are built into each OTU 2 Line and the complete control system for automatic operation is snapped in under the aluminum profiles.



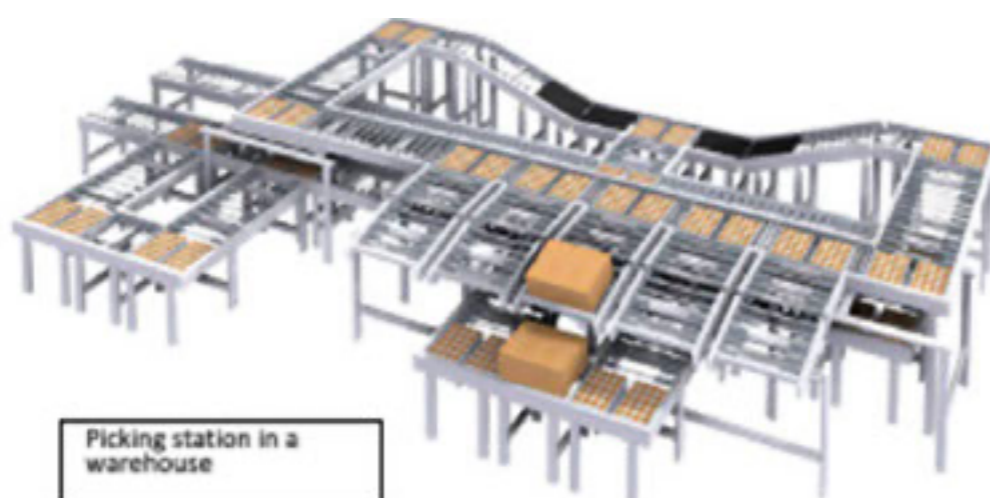
The total height of a single OTU 2 unit is only 133 mm; the assembled OTU 2 line including the aluminum profile and the control system is only 163 mm high and with a frame for seamless integration as a complete table for installation in any conveyor is 196 mm, including the controls and motors. Installation in almost any position in a roller conveyor is very easy with only a few screws.

An additional external control box or control cabinet is not required as the control system is already installed in a self-sufficient and independent manner. Here you can save lot of costs.



A separate power supply unit, built as a traverse for the conveyor frame, can be supplied with each table, including software and interface for most other bus systems. Contact Avancon for more details. Any conveyor manufacturer or system integrator can easily benefit from these new Avancon OTU lines.

You will find more information on the website <https://www.avancon.com/otu-transfer.html> and the following pages.



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.

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