

Great ideas are mostly simple

Modern designs of conveyor systems are simple.

RIAZZINO, SWITZERLAND, June 25, 2026 /EINPresswire.com/ -- Many things were constructed very complicated. But simple designs look mostly more modern and elegant, are easier to use and are more cost efficient. – Everything can be made much simpler without sacrificing functionality and ease of use. Making products simpler is hard work, and it often takes more time. Most of the time, you have to start without any preconceived ideas. All you have to begin with is list the necessary functions and how the customer will use them.

Some people think that the best idea can be created in teamwork, some others say that getting enough free time and let the brain think and work. - My best and simplest ideas arrived suddenly after some days, when walking in nature and through the wood. This is interesting but very effective. Of course, you need the knowledge about the materials and the applications. But you must forget, how things were always made that old way.

Let's talk about modern conveyors. It's made for transportation of cartons, bins, boxes, trays throughout the total logistics chain. It requires fast throughput as well as accumulation, sortation, storing and handling and shipping. It must work in intralogistics systems like the railway in a marshalling yard. That means it needs diverters, switches, corners, transfers, up-and-down transportation and curves and sorters...

In addition, an important aspect is – as always – the total cost and time of building the installation.

Is one system able to do it all? – Yes, the ZPC conveyor systems of the Swiss Avancon SA.

Let's take a few patented details here, as the snap-in mechanism of most components into the extruded, anodized and well-designed aluminum profile. The bearing-housings, the photo-sensors, the cables, the control-boxes, the end-covers the fixations for cables are all clicked in the formed ribs without any screw. This is fast and partly automatic possible. Only the BLDC motors per zone are fixed with 2 screws.

The clou is, that all elements are installed by simply snap-in inside the pre-formed profiles and closed with the outer streamline designed cover-profile. This gives the entire conveyor system a unique, elegant, and futuristic style. All modules, including curves, up-and-down conveyor lines, and built-in diverters or transfer tables, have the same appearance from the outside. The newly developed belt conveyors also fit into this sleek design.

Everything was engineered completely new, simple and patented. A conveyor design that gives the entire system a consistently elegant and futuristic aesthetic while also enabling significant cost savings in both manufacturing and on-site installation.

In addition, the facility operators get a big bonus: they save up to 50% on energy costs in operation and about 30% on total investment costs.

If you are interested in this and want more information, look in www.avancon.com , or call +41 91 222 1010 or e-mail to relations@avancon.com .

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