

Logimat 2009: Montech introduces intralogistic applications

Date: 02-02-2009 02:37 PM CET

Category: [Logistics & Transport](#)

Press release from: [Montech AG](#)



At the intralogistic show Logimat 2009 in Stuttgart, Montech is featuring a range of applications of the Montrac system, which has enabled many companies to optimize their material flows and consequently their intralogistic operations.

The Swiss company will show how customers could optimize their intralogistic and increase efficiency by adopting the Montrac system. “The efficiency of operations in all company areas, especially intralogistics, is more and more critical,” said Yves Dicke, Montrac Division Manager at Montech AG. “Often, however, a conventional transport system cannot meet more and more sophisticated intralogistic needs. Therefore, new solutions are required.”

For 13 years now, Montrac has proved that it can optimize logistic and production operations and revolutionize internal flows.

Versatile applications

Montrac was launched in 1996 after two years of research. Since then, more than one thousand Montrac plants have been installed in different industries all over the world, from automotive to plastic processing, up to pharmaceuticals, as evidence of Montrac’s versatile application. Customers that have adopted Montrac for their intralogistic management include Hella, Triom, Alpla Lubecker Kunststoffwerk, Tech-Pol, BMW, Continental Automotive, Hormann Antriebstechnik, Rexam Pharma, Vetter Pharma-Fertigung and SEIKO.

News: Montrac shuttle with RFID technology

The shuttle with RFID technology is a development that aims at enhancing the intralogistic process management. The innovation is that the route is defined by the carried product and not by the shuttle, as it has been so far.

This is how it works. The product lying on the shuttle is provided with a transponder that contains information about the product’s route along the track. While on the shuttle, the transponder is written through the Intelligent Routing Module (IRM) by means of a serial interface. The RFID read/write unit is integrated in the shuttle. When the transponder is outside the Montrac system, it can be written using a standard RFID unit.

In this way, the products can be replaced along the track and they will still reach the “correct” destination, thanks to the RFID

marking.

More flexibility for users

“Maximum product flexibility is an essential premise to meet customer requirements flexibly and to provide maximum flexibility to users,” adds Dicke. Montrac delivers such flexibility from different standpoints, such as future extensions or modifications to the plant, adapting to available space, modularity and compatibility of components.

All Montrac system components are based on the same platform and are mutually compatible. The monorails can be supplied in any length. Bypasses, switches and curves (with 280 mm minimum radius) feature a compact design so that the system can be adapted to actual space availability. The Trac monorails and TracLink connection elements ensure quick and easy assembling: two tools are all it takes to install a Montrac line or to adapt it to new situations and requirements. In this way, the layout flexibility is virtually unlimited.

Also in terms of costs, Montrac is a model of optimization, explains Dicke. Montrac operation is fully electric, so that all pneumatic components and connections are eliminated. Power is supplied directly through the monorail, therefore the systems requires no cabling, except for minimal wiring in specific applications. The control system can thus be minimized or totally eliminated.

Conveyors based on standard components

At Logimat, in Hall 1, Stand 511, Montech will also exhibit small and big conveyors, plus other models based on a modular concept with ready-to-use components. Thanks to their modularity, the conveyors can be assembled in variable configurations, extended or shortened with a simple and cost-effective approach. The conveyors have standard widths included between 45 and 800 mm and they can carry up to 125 kg weight, while their length can be selected freely up to 15 meters in one millimeter steps.

Montech AG markets basic modular components that automate demanding production and logistics processes. In addition to conventional conveyor belts, automation components and the Quick-Set profile system, the range of products also includes the Montrac transport system. Montrac is an intelligent transport system for networking industrial production and logistics processes. Founded in 1963, the company is based in Switzerland and stands for innovation in the automation industry.

Montech AG

Gewerbestrasse 12
CH-4552 Derendingen
Telefon: +41 32 681 55 00
Fax: +41 32 682 19 77
www.montech.com
E-Mail: info@montech.com

Presscontact:

Elke Manthei
Telefon: +41 32 681 55 42
E-Mail: elke.manthei@montech.com

[You can find this press release here](#)