

FLEXIBILITY FOR INNOVATORS ONLY



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MONTRAC IN USE FOR
INTRALOGISTICS
MONTECH AG

MONTECH OPTIMIZES ITS OWN INTRALOGISTICS

«With our own system, we have been able to optimize time and capacity. And we also have the opportunity to test new technologies and developments directly on a working Montrac system.»

Daniel Pauli, COO Montech AG



To optimize intralogistics in its Derendingen headquarters, Montech has implemented a solution based on its intelligent transport system Montrac. This intralogistic system has been implemented to transfer the single components of each order from the warehouse directly to the assembly areas. In the past, these handling tasks were carried out by Montech's warehouse staff using a hand trolley.

Now, warehouse and assembly department are connected by a Montrac system. Inside the warehouse, the requested parts for an

assembly order are picked and laid onto a shuttle «called» via a touch panel. The shuttle positions itself on a sort of lift. Through a touch panel, the operator inputs the destination address for the shuttle, which starts off towards the assembly department. The lift moves up to the upper level at 5 meters altitude, just below the hall roof, and then reaches the assembly department at the opposite end of the building. Once there, the shuttle is taken down by the lift and placed in waiting position, where the assembly staff can pick the parts to be

assembled. At this point, the shuttle is taken back up to the overhead track, waiting to be «called» again by an operator. When an assembly order has been executed, an empty shuttle is requested through the touch panel to be loaded and sent back to the warehouse. The lift moves up to the monorail under the roof and the shuttle travels backwards to the warehouse, where it is unloaded and the assembled units are picked and stored.

TECHNICAL DATA

Total Montrac line length: 100 m
Transport height below the roof: 5 m
Transport speed: 30 m/min
Number of shuttles: 10
Number of lifts: 2
Transported weight: max. 24 kg