

STACKER CRANE PM 9770



The Interroll Stacker Crane is the ideal solution for automated pallet handling and the perfect addition to the MPP and Pallet Flow solutions from Interroll.

The compact stacker crane provides a highly dynamic flow storage system - achieving a high pallet turnover and optimal utilization of space. Passages for forklifts are completely omitted. The lightweight construction and integrated energy recovery make the stacker crane extremely energy-efficient.

The stacker crane is equipped with a roller conveyor which stores and removes pallets in less than four seconds. The proven mechanical interface between stacker crane and flow storage system increases availability and safety of the entire system.

Safety and accuracy play an important role in highly dynamic applications. Interroll's stacker crane is equipped with 180° sensors and inspects precisely whether the intended pick-up station is empty or not. Centering the pallet is done automatically so that it can be transferred exactly in the middle of the lane. This ensures the high degree of availability and avoids damages to goods or the system. The integrated lifting speed control and powerful braking systems ensure a high level of safety, even at a speed of up to three meters per second.

Thanks to the modular and pre-assembled design of the construction, the low-maintenance stacker crane can be delivered and assembled with ease.



Technical data

General technical data	
Max. load capacity	1000 kg
Lane length	max. 95 m
Pallet type	EUR EPAL pallet, industry
Lower startup dimension	0.5 m
Upper startup dimension	max. 9.8 m
Ambient temperature	0 °C to +40 °C (non-condensing)
Drive	
Travel drive	Gear motor for all shafts
Power	max. 15 kW
Speed	max. 3 m/s
Acceleration	max. 1 m/s ²
Lifting capacity	max. 15 kW
Lifting speed	max. 0.8 m/s
Stroke acceleration	max. 0.8 m/s ²
Dimensions	
Overall height	12 m
Overall length	3.1 m