

Q Heavy Conveyor System



The Heavy Conveyor System is a robust and flexible transport solution for in-house handling of pallets and heavy unit loads.

Developed for demanding production and warehouse applications, it meets high requirements for reliability, capacity, and flexibility. The system is particularly well suited for the transport of EUR pallets with stringers oriented in the transport direction, as well as other items with a flat and solid base, such as raw materials or semi-finished products in larger dimensions.

The system is modular in design and includes a wide range of standard units such as roller conveyors, chain conveyors, transfer tables, angle transfers, transfer carts, and turntables. This modularity makes it possible to configure a solution that precisely matches the production flow and physical layout of your facility. All units can be supplied with roller pitches adapted to the load's weight and dimensions, ensuring safe and stable transport regardless of load type.

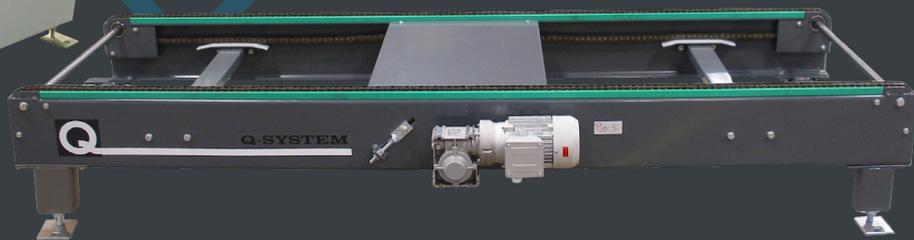
The Heavy Conveyor System can also be combined with other Q standard programs and integrated into larger automated systems with robots, pallet magazines, and lifts. This provides a scalable solution that can grow with your production needs.

Chain-driven roller conveyor

The chain-driven roller conveyor is supplied as standard with constant speed but can also be equipped with an accumulation function to ensure optimal utilization of the conveyor line. The rollers are driven from roller to roller via double sprockets.

Chain conveyor

Two- or three-strand chain conveyors are used for horizontal or slightly inclined transport of pallets placed crosswise, as well as other items with a flat base. The conveyors are powered by worm gear motors, and the frames are made from heavy-duty U-profiles with endless roller chains.



Specifications	
Rollers	Ø89 mm, black-painted steel, with ball bearings
Roller width	500 to 1300 mm
Center distance	150 - 200 mm
Height	300 mm ± 25 mm Can be fastened to the floor
Standard speed	10 m/min.
Maximum capacity	1,000 kg/m

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