Pallet Conveyors
better products. better solutions.

mk Modular Pallet Conveyors are designed to improve manufacturing productivity and product quality while allowing for maximum assembly flexibility. With your choice of four different conveying styles (belt, timing belt, chain or accumulating roller chain) we can accommodate nearly any pallet size. Combined with an extensive range of positioning and transfer modules, the mk system offers almost endless possibilities.

Positioning
Pallets can be positioned at workstations with a repeatable accuracy of ±0.125 mm (.005"), making precision assembly operations possible.

Tooling
Pallets can be equipped with fixtures to secure parts and assemblies for manual or automated operations.

Sensing
Conveyor-mounted proximity switches work with exciter plates on the pallet corner bumpers to detect pallet presence.

Stopping
Pallets can be stopped on the leading or trailing edge, regardless of pallet orientation on the conveyor. Pallets can also be accumulated in queue and released one at a time.

Durable Low-Friction Roller Chain
The workpiece pallets are transported by a durable low-friction roller chain, allowing the accumulation of even heavily loaded pallets.

flexible

Pallet Conveyors

☐ KTF-P 2010

Chain conveyor KTF-P 2010 serves as the basic system component for the manufacture of single or multiple strand material handling systems. Chains run on our low friction wear strips and are designed for high load capacity.

Specifications

Frame: 50x100 mm (1.97"x 3.9") structural aluminum profile
Width: 50 mm (1.97") lane
Length: 500 mm (19.7") – 10,000 mm (393.7")
Load: Up to 280 kg (600 lbs)
Speed: Up to 60 mpm (200 fpm)
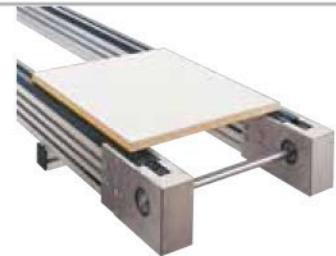Attachment links are possible for custom fixtured applications

For heavy duty applications or rough environments.

☐ SRF-P 2010

Low backpressure accumulating chain conveyor SRF-P 2010 is designed for the construction of medium, and heavy-duty pallet handling systems. The free running load rollers ensure quiet operation during product accumulation.

Specifications

Frame: 50x100 mm (1.97"x 3.9") structural aluminum profile
Width: 50 mm (1.97") lane
Length: 500 mm (19.7") – 10,000 mm (393.7")
Load: Up to 400 kg (880 lbs)
Speed: Up to 60 mpm (200 mpm)

Heavy duty accumulating roller chain conveyor. Ideal for pallet accumulation.

☐ DGF-P 2010

The dual belt conveyor system DGF-P 2010 is designed for the transport of pallets and bulky products. The belt is returned within the frame profile. T-slots on three sides offer plenty of options for mounting stops, side rails, sensors, stands, etc.

Specifications

Frame: 50x100 mm (1.97"x 3.9") structural aluminum profile
Width: 50 mm (1.97") lane
Length: 500 mm (19.7") – 5,000 mm (197")
Load: Up to 90 kg (200 lbs)
Speed: Up to 60 mpm (200 fpm)

Medium duty dual belt conveyor system. Ideal for pallet transport and handling of bulky materials.

Application Examples

□ **GUF-P 2000 Belt Conveyor**
Two-tiered system with GUF-P 2000 conveyors on common stand

□ **KGF-P 2040 Curve Conveyor**
90° transfer using KGF-P 2040 conveyor between GUF-P 2041 conveyors

□ **GUF-P 2041 Belt Conveyor**
Special width of 1,400 mm

□ **MBF-P 2040.02 Conveyor**
Special modular plastic belt with attachments

□ **GUF-P 2000 Belt Conveyor**
Metal detector. Conveyor frame constructed with mk wood profile

□ **MBF-P 2040.02 Conveyor**
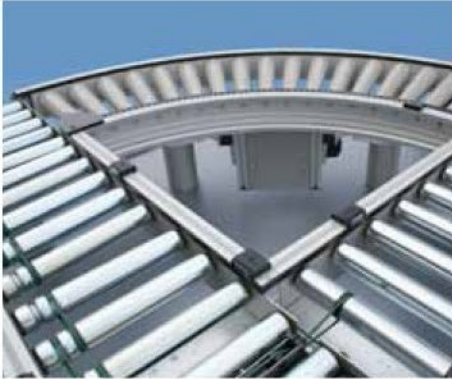90 mm wide modular plastic belt and adjustable side rails

□ **KGF-P 2000 Incline Conveyor**
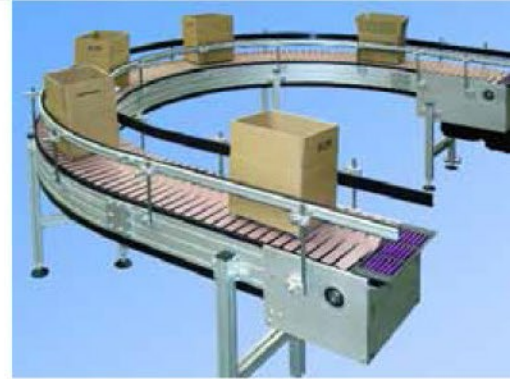Stainless steel hopper on KGF-P 2000 conveyor

□ **RPT-P 2255 Roller Conveyor**
RBT-P 2255 conveyor with integrated ZRF-P 2010 lift and transfer conveyor

Application Examples

☐ **RBT-P 2255 Roller Conveyor**
Combination of tangential chain
and driven roller conveyors

☐ **SBF-P 2000 Conveyor**
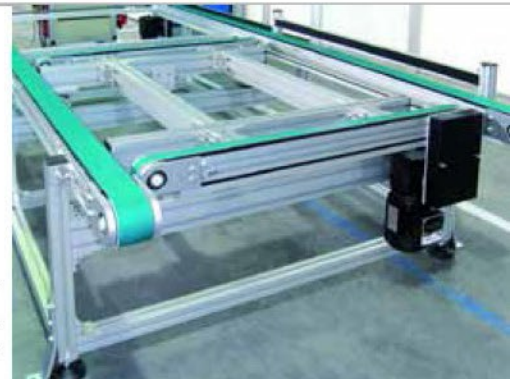180° curve with 7.5" flat
top chain and adjustable
side rails

☐ **KTF-P 2010 Chain Conveyor**
Special attachment chain for
transport of cam shafts

☐ **SRF-P 2012 Chain Conveyor**
Recirculating pallet conveyor system
with low friction accumulating
chain, transfers and adjustable
side rails

☐ **SBF-P 2000 Conveyor**
Heavy duty steel chain with
welded cleats

☐ **ZRF-P 2040.02 Timing Belt Conveyor**
Combination of ZRF-P 2040.02 conveyor
with ZRF-P 2010 as transfer conveyor

☐ **SBF-P 2254 Conveyor**
Table top chain conveyor with
incline and transfer module

☐ **SRF-P 2012 Chain Conveyor**
SRF-P 2012 with lift and
transfer unit KTF-P 2010