Technical Bulletin

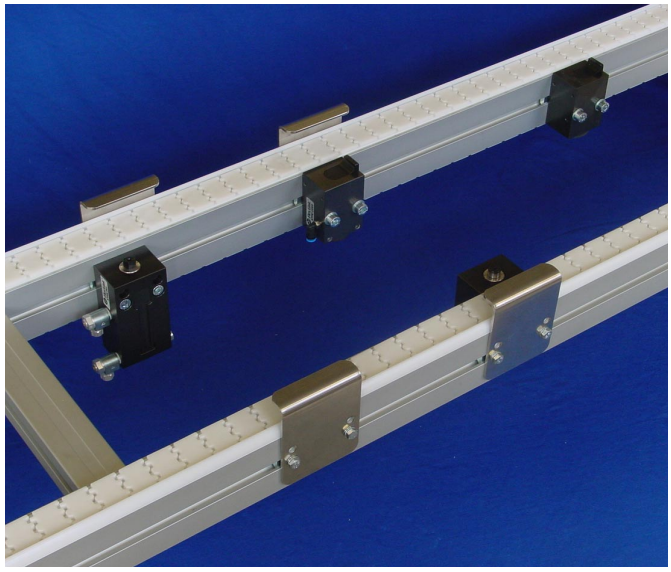
Information from FlexLink

No. 01-07-11

Locating module – XTUL P11 A

New!

Now we release an updated version of locating module XTUL P11, called XTUL P11 A. The locating module can be used to locate a pallet with high accuracy. This can be useful in a system where you have to orientate the pallet to access a machine operation.



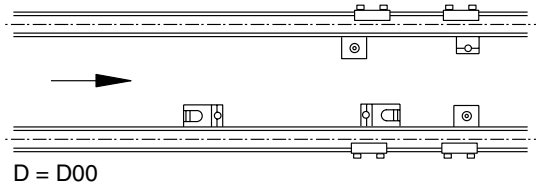
Summary of improvements:

- New index pins which have 2 mm longer phase on top.
- Recommendation to place the stop at the back of the pallet in order to eliminate the influence of too much space between pallet and conveyor side guides.
- Four "L-brackets" instead of two, one in each corner of the pallet, in order to stabilize the pallet in located position.
- Non-return throttle valves that reduce the pressure of the outlet air in order to have the possibility to lower the pallet softly.

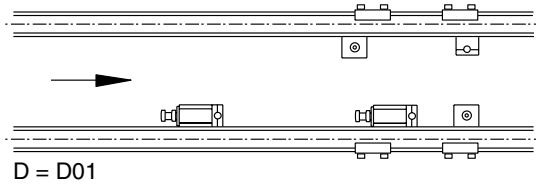
Technical data

Locating repeatability.....±0,1 mm
Max. vertical force/cylinder (0,6 Mpa) ..... 544 N

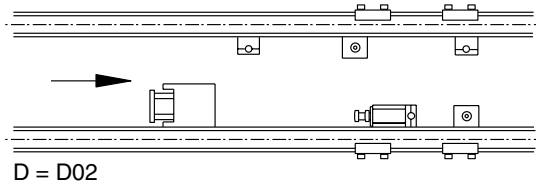
The speed of the lowering motion is regulated with non-return throttle valves.



D = D00



D = D01



D = D02

FlexLink®

Included in the delivery

- One locating station, non return throttle valves included.
- The necessary number of stoppers and sensor brackets, based on the option selected.
- The necessary mounting hardware required for attachment to an XT or XT Light conveyor.

Table 1 below shows the number of accessories that are included in the module based on different damping options.

Ordering information

When ordering the XTUL P11 A module you must specify the following parameters. For more information see, "Definition of parameters" in the conveyor catalogue.

XTUL P11 A **D** **00** **P** **00**

1 2 3

1. Module type:
   XTUL P11 A = XT Locating module
2. Pallet damping (D):
   00 = No damping, max queue 200 kg
   01 = Damping, max queue 35 kg
   02** = Damping, max queue 100 kg
3. Pneumatic option (P):
   00 = No pneumatic option

Options	Stopper XTPD U200	Stopper XTPD D35	Stopper XTPD D100	Sensor bracket XTPB V001	Sensor bracket XTPB V002	Locating station XTPX P11
D00	2	0	0	2	1	1
D01	0	2	0	2	1	1
D02**	0	1	1	1	2	1

Table 1

**XT conveyor only.

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