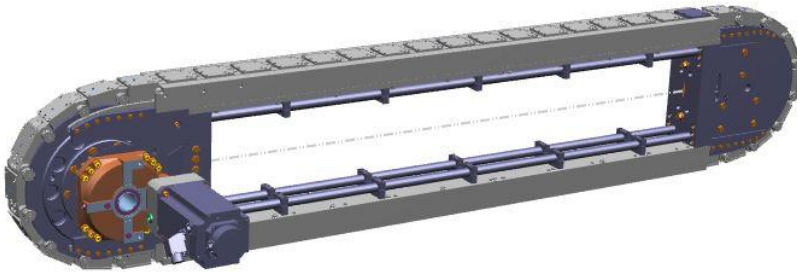


## Precise Link Conveyor System



### Applications

Assembly Lines  
Packaging Lines  
Testing Application  
Battery Production

### short movement time

We achieve this through the usage of a very strong servo gear. The gear allows a high input speed with high torque as well as a direct connection (mechanic and control) without additional control times. Furthermore, the T4A link conveyor is developed for high performance.

### durable and accurate

The complete system is designed for continuous 24/7 use over many years. This applies to the guides, the gearbox and the control technology.

The type of guide (hardened surfaces in combination with rollers) have proven themselves over many years in other systems. The gearbox is equipped with a patented wear compensation, so that the accuracy is maintained even after very many operating hours. The system has only one powerful servo motor, which can be easily replaced when the control system has to be changed (manufacturer independent).

### maintenance-free

In many applications, the system is maintenance-free. We will be happy to work out an individual inspection interval with you. We are at your disposal with advice and support during the entire service life of your machine.

### easy integration

Our torsion-resistant and precise base frame, the precision bars within the base frame, the possibility of vertical and horizontal installation, the constant width / height of the system when using different chain link lengths, the Plug&Play control preparation and other details make it easy for you to integrate the system into your machine.

### low-vibration system

The use of drive technology with a dynamic factor  $\lambda < 5$  throughout as well as the vibration-reducing design of the T4A linear indexing system ensures exact positioning of the goods carrier after reaching the processing position - even with the shortest switching times.

### individual complete package

We deliver your T4A linear indexing system in your design. This means from the "naked" indexing system without servo motor to the complete system in a base frame, integration, acceptance and at your company.

### simple starting up of the control system

On request, we will start up the system completely. You get a ready module for your PLC. You only have to control the signals on the module. Plug&Play

## Spezifikation

Link Conveyor Version	Product weights	Application
HighSpeed Link Conveyor	up to 50kg per chain link	Assembly or Packaging Lines for any batch size with high cycle time requirments
Standard Link Conveyor	up to 50kg per chain link	Assembly or Packaging Lines for any batch size
Double Link Conveyor	up to 50kg per chain link	Assembly or Packaging Lines for long Components

## General

Center Distance:	1 to 15m
Orientation:	vertical und horizontal, Double link conveyor only vertical
guided chain links on drive and deflection:	for Standard and Highspeed Variant in horizontal orientation
uniform frame width, independant of chain link length:	for alle Variants
Servo Motor Manufacturer:	all common manufacturers

## Performance (Movement time)

HighSpeed Link Conveyor:	< 0,2 Sec. at feeds up to 200mm
Standard Link Coneyor:	< 0,35 Sec. at feeds up to 200mm
Double Link Conveyor:	< 0,35 Sec. at feeds up to 200mm

## Performance (accuracy)

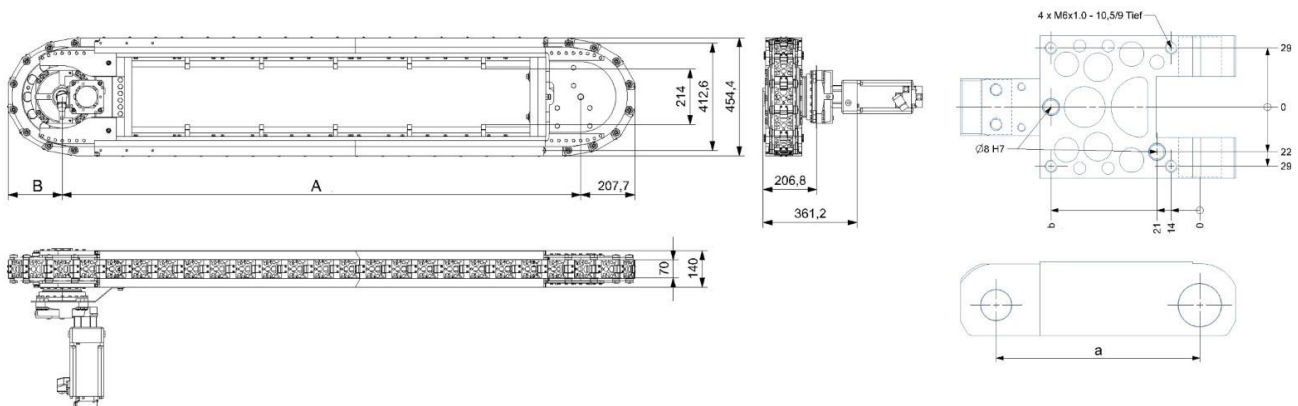
Positioning accuracy:	<= 1/10mm, depends on the centre distance
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## Chain Link

Chain Link width:	70mm
Chain Link length:	80, 100, 125 and 150mm

## Options

Communication Interface module for your PLC:	for all common PLC`s
Base Frame:	for all Variants



Description	Unit	LTS-080	LTS-100	LTS-125	LTS-150
<b>A</b> Center Distance	[mm]		from x meter to y meter		
<b>B</b> Distance axis- chain link outer edge	[mm]	222,29	207,80	213,56	202,26
<b>a</b> Center distance chain link	[mm]	80	100	125	150
<b>b</b> Distance thread and locking hole	[mm]	53	73	98	123