sTrak®

Intelligent Maglev Drive Conveying System

High speed | Flexible | User-friendly

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WhatsApp

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ZONGWEI 纵苇

www.zongweitech.com

Vision

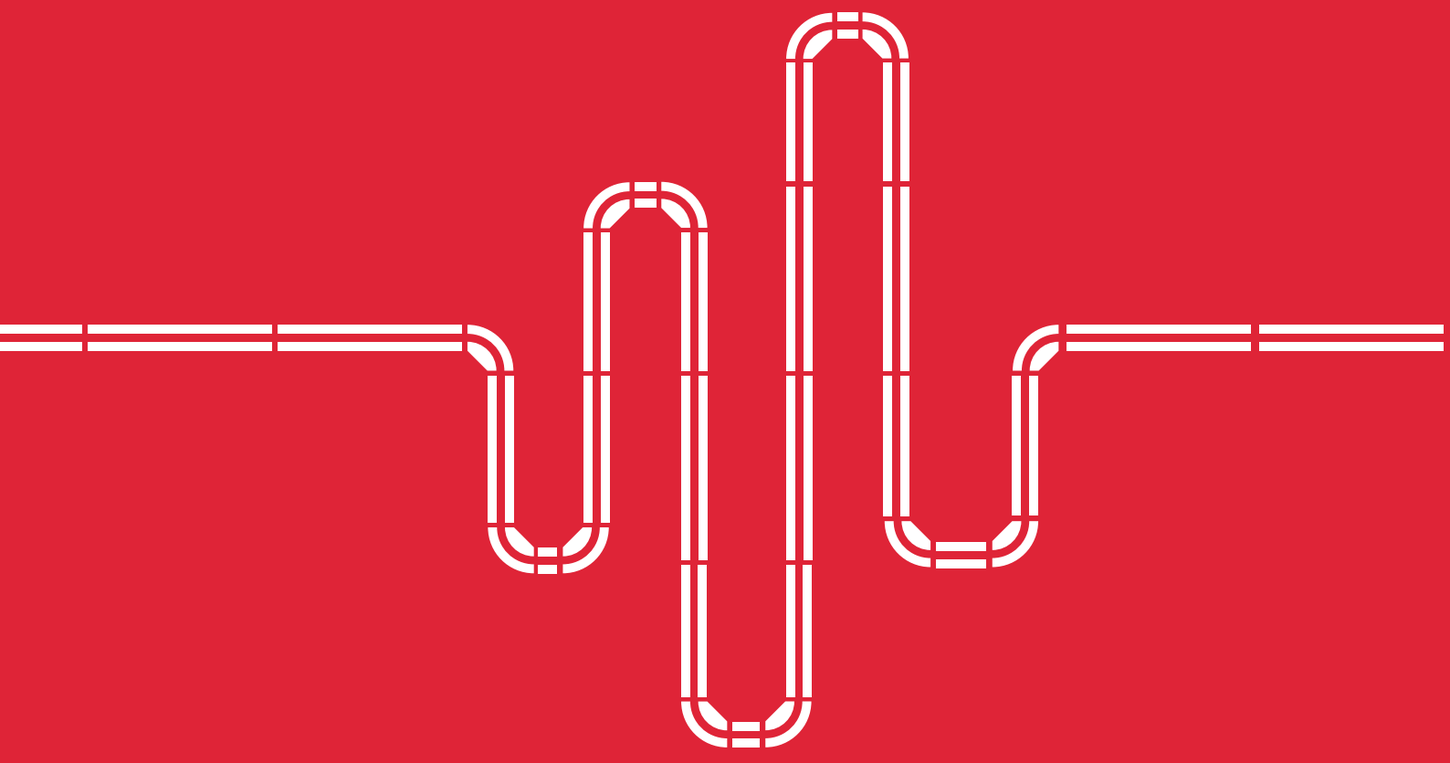
To become the global leader in industrial intelligence

Mission

To speed up the arrival of smart manufacturing era

Values

Customer-Centric, Contributor-Focused, Committed to Open Innovation, and Continue to Pursue Excellence



Introduction

Zongwei Technology is a research and development enterprise with control technology as the core, focusing on intelligent magnetic drive and magnetic levitation conveying technology, with completely independent software development, motion control, servo drive, sensor measurement and special motor and other core technical strength.

Zonwei has R&D, production and service centers in Suzhou, Shanghai and Dongguan, equipped with an annual design capacity of more than 8,000 meters, and has established a nationwide production delivery, technical support and solution service system.

With the intelligent magnetic drive conveyor system as the core, the team will break through the limitations of traditional conveying technology, promote the transformation of traditional production methods to flexible automation, help manufacturing in China, and help many industrial giants realize intelligent and flexible automated production solutions.

sTrak® Intelligent Maglev Drive Conveying System

High speed | Flexible | User-friendly

Repetitive positioning precision *Customized Precision

±5 μm

Smooth Acceleration and Deceleration without Impact

Maximum speed *Customized Speed

5 m/s

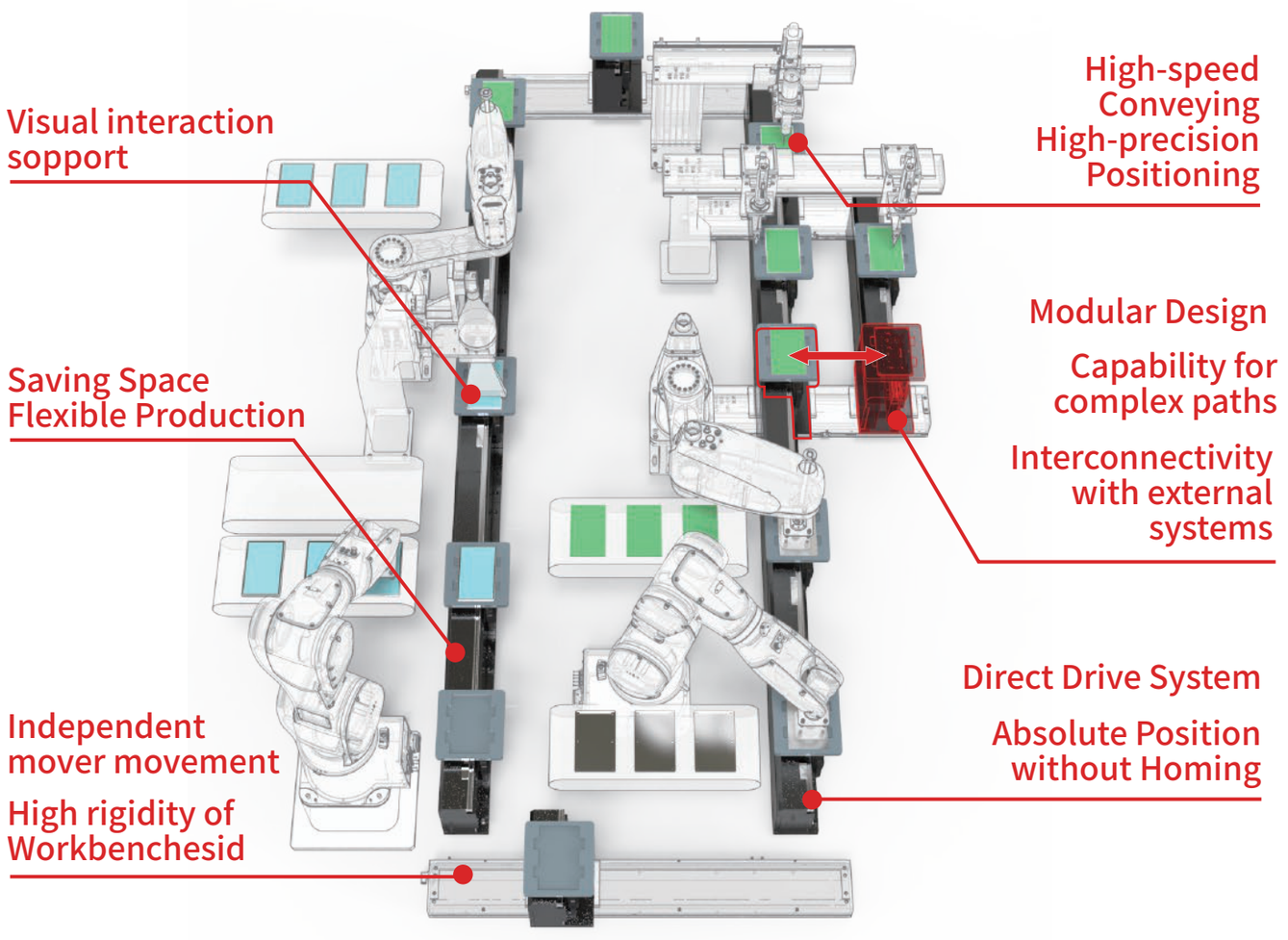
High-Speed, High-Acceleration Handling

Support for maximum movers

256

Modular Construction

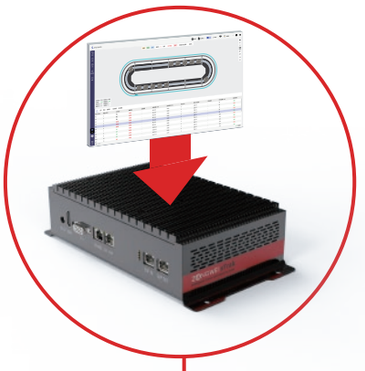
- Individual movers operate independently, capable of halting and starting at any position, thus enabling streamlined intelligent and flexible production line setups.
- Seamless coordination with executing movers such as industrial robots simplifies the design of automated production lines.
- Eliminating intermediate transmission components facilitates high-speed, high-precision positioning, meeting the majority of positioning requirements for conveyor systems.
- Modular design for the conveyor system enhances interchangeability and universality of production line components, negating the need for redesigning conveyance setups for new production lines.
- Designed configurations can adopt linear, circular, square tracks, as well as 3D structures, offering exceptional flexibility to meet varying production demands.

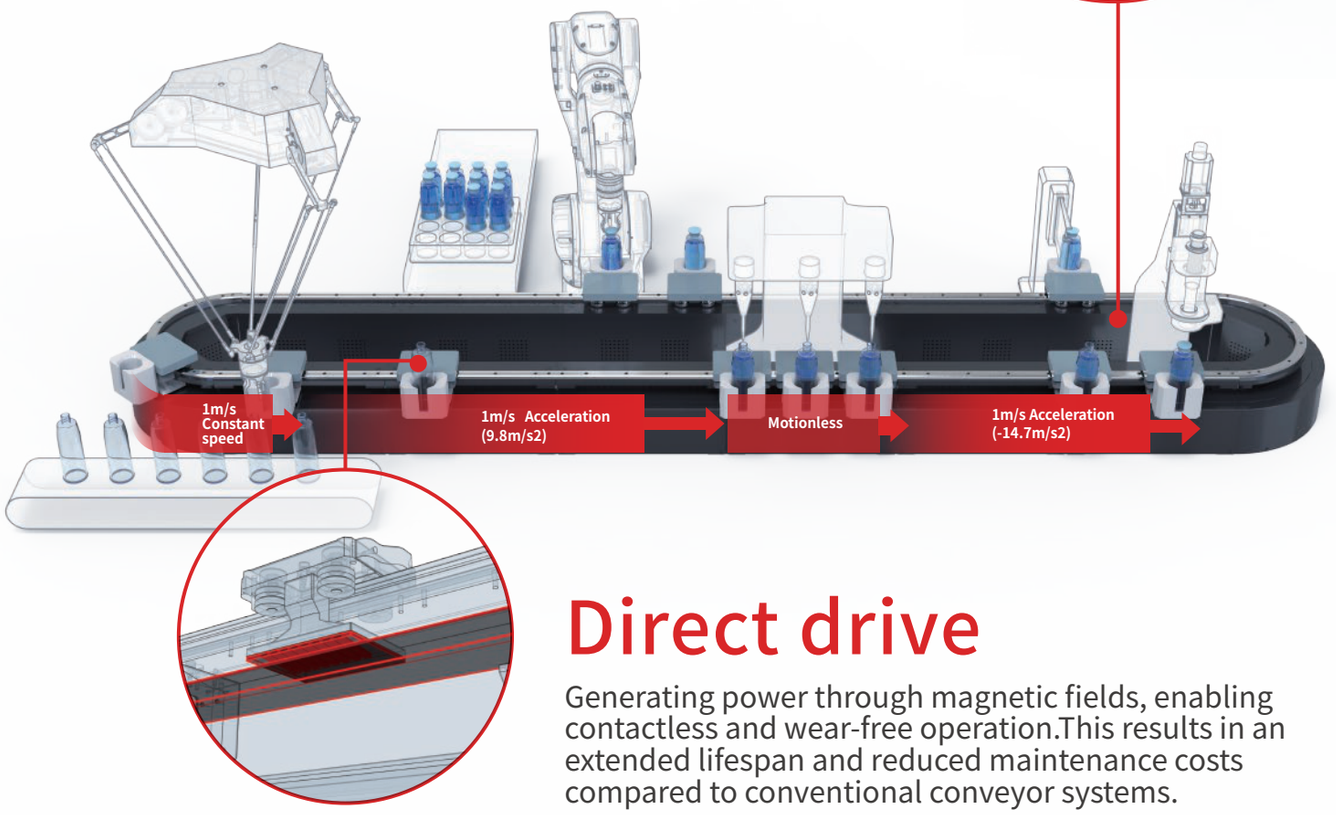


Intelligent Control, Flexible Production

Station information and motion parameters can be changed at any time, easily enabling the production of multiple products on the same production line, or real-time speed adjustment for flexible production.Almost all work can be configured via software.

In contrast, traditional conveyor systems require synchronized movement for each carrier, with fixed stop mechanisms in place. Changing workstation processes necessitates a complete redesign and installation of mechanical structures.



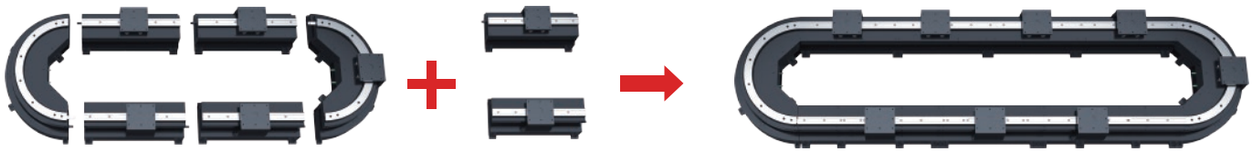


Direct drive

Generating power through magnetic fields, enabling contactless and wear-free operation.This results in an extended lifespan and reduced maintenance costs compared to conventional conveyor systems.

Modular Design

Creating production lines should be as straightforward as assembling building blocks, eliminating the need for intricate designs. Upgrading or reconfiguring the production line only involves rearrangement, leading to cost savings.

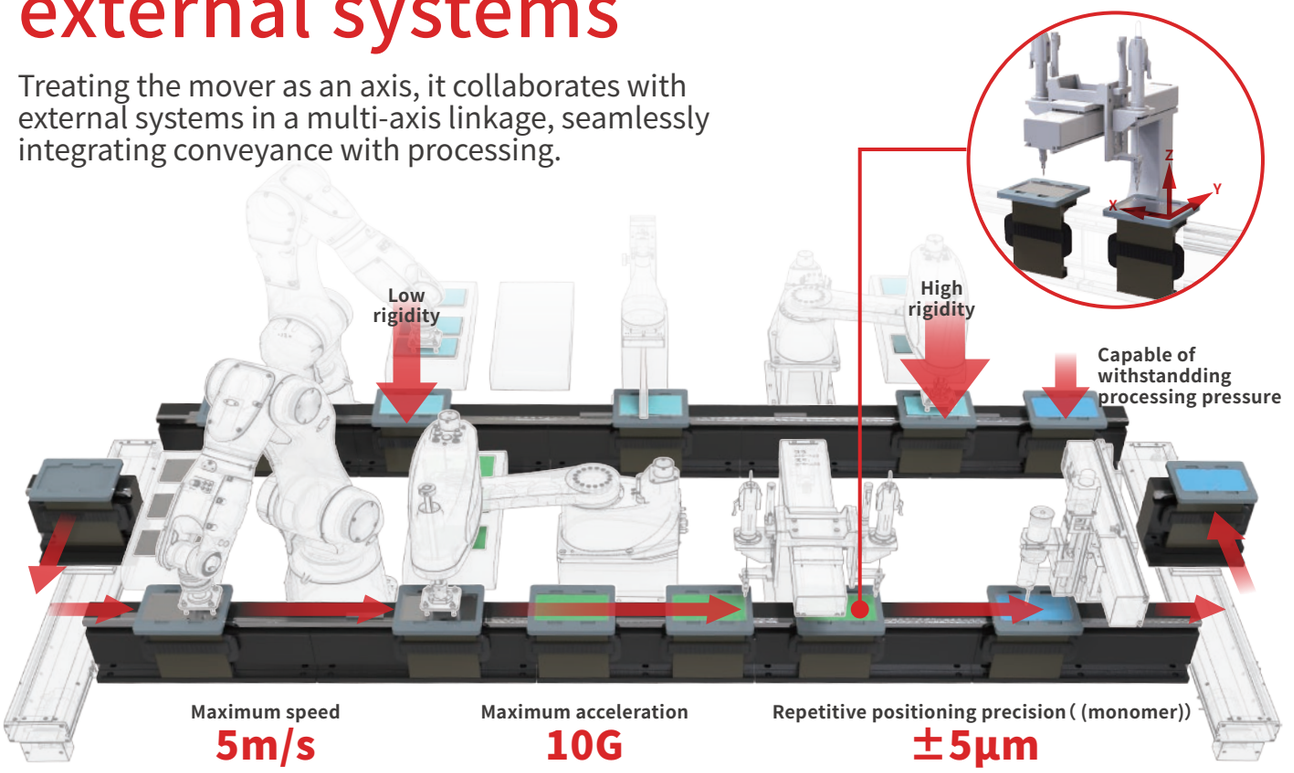


Independent movement of movers

At any given moment, each mover maintains an independent motion state, eliminating the necessity for synchronized waiting and allowing for a liberated and flexible performance enhancement.

Interconnectivity with external systems

Treating the mover as an axis, it collaborates with external systems in a multi-axis linkage, seamlessly integrating conveyance with processing.

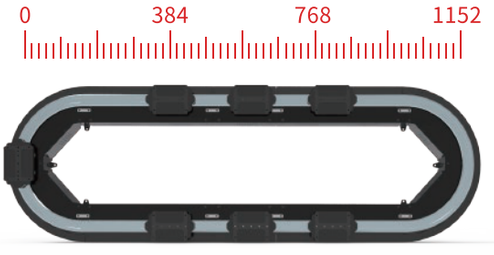


High-speed Conveying, High-Precision Positioning

The maximum speed can reach 5 m/s, the maximum acceleration can reach 10 G, and the highest repetitive positioning precision can reach ±5 μm, effortlessly achieving high-speed material conveyance.

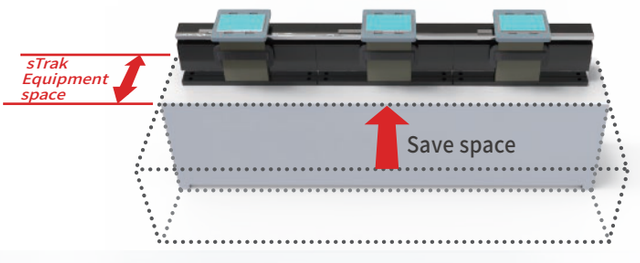
Absolute position without homing

Tailoring to the process requirements, different evels of rigidity can be set for each mover or area to improve production adaptability.

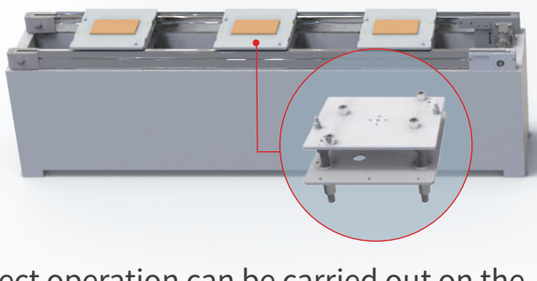


Save space

Direct operation can be carried out on the movers without the need for installing workbeches, thereby saving space.



Traditional scheme:



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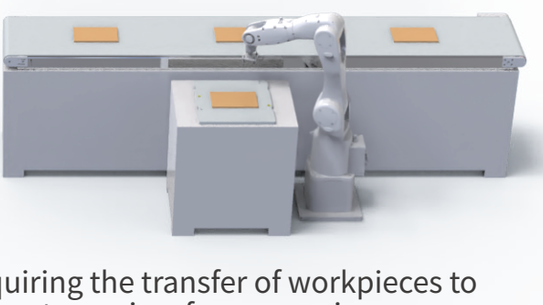


Requiring the transfer of workpieces to separate carriers for processing consumes significant space and leads to low efficiency.

sTrak-L Series Maglev Drive High-Speed Logistics Line

A hybrid logistics line combines the advantages of both maglev drive and belt segments, offering flexible configurations according to specific needs.
We provide cost-effective magnetic drive solutions to meet our customers' requirements.

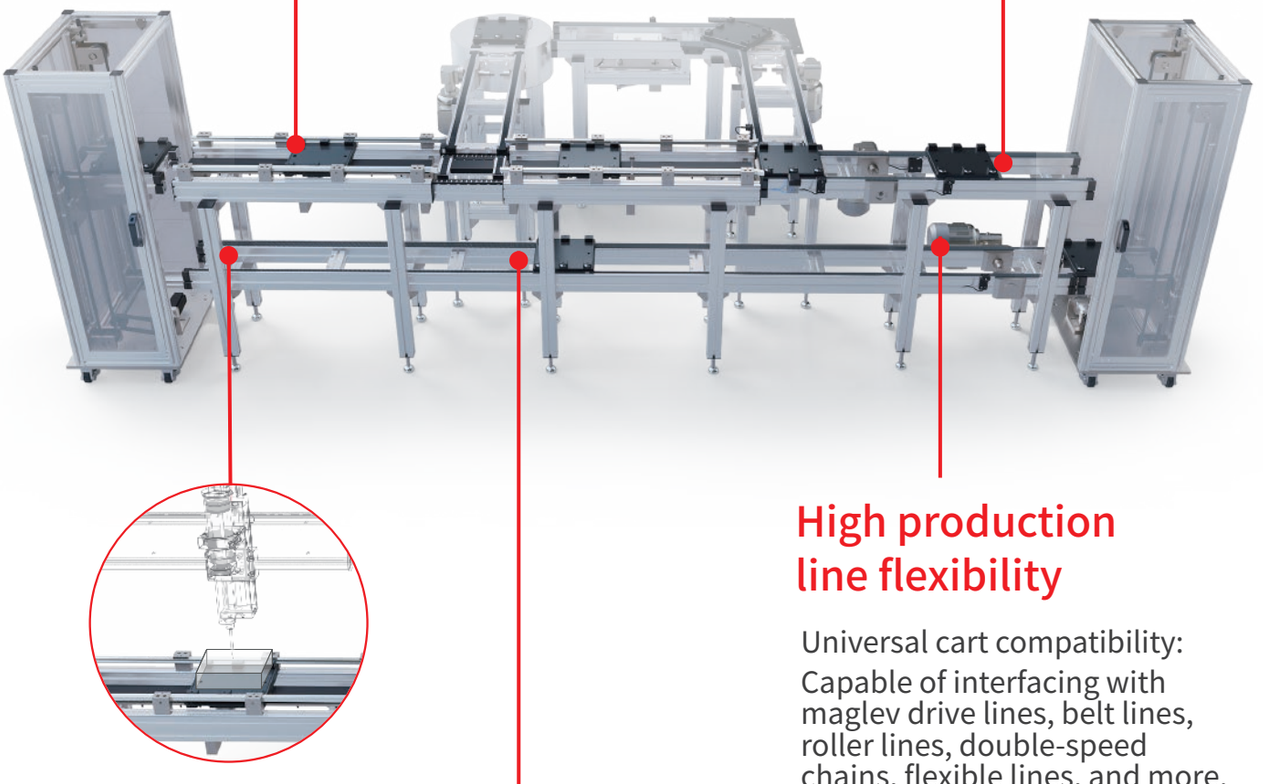
Better comprehensive cost-effectiveness

Maglev drive segment

High Precision, High Speed, High Flexibility, High Intelligence

Belt segments

Low Precision, Low Speed, Low Intelligence



Integrated conveying and processing

Direct operation on the mover.
Interconnectivity with external systems.

Closed-loop process

Mover without wire harness constraints, recyclable.

High production line flexibility

Universal cart compatibility:
Capable of interfacing with maglev drive lines, belt lines, roller lines, double-speed chains, flexible lines, and more.

This enables versatile production lines, cost savings, and reduced processing steps and cycle times.

sTrak-S Series circular line

Featuring arc modules, it works with both V-shaped and linear guide rails, allowing for ring type, ferry type and other types.It's well-suited for faster speeds, medium to small thrust and load capacities, and situations where spacing is limited. The built-in design enhances cleanliness standards.

Scan to watch the video

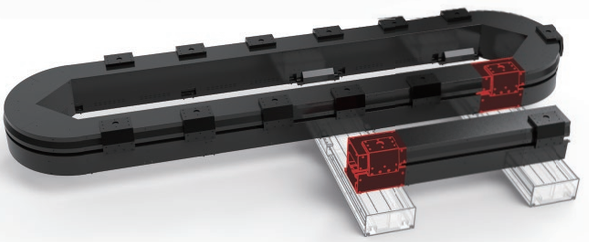
Track configuration - Ring

Circular

Runway shape

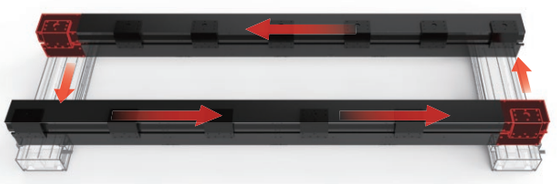
Rectangular

Complex fork roads

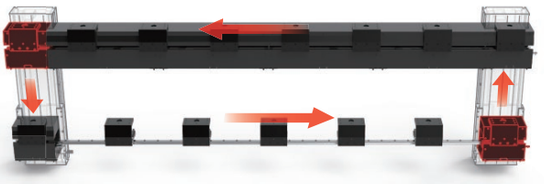


Track configuration - Ferry type

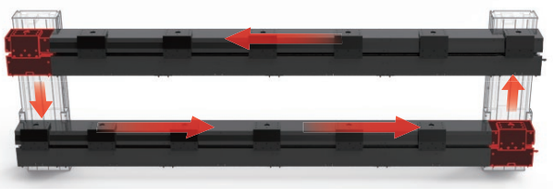
Flat ferry



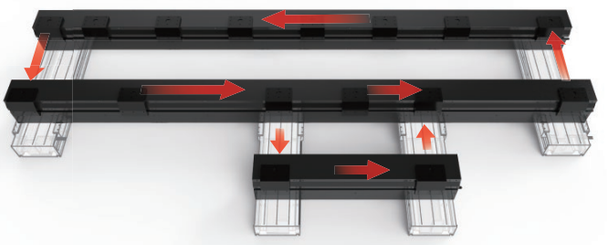
Belt mixing



Vertical ferry



Complex fork roads



sTrak-S Basic Parameters

Basic Specifications	S2	S3
Sizes	Refer to the dimension diagram for the sTrak-S2	Refer to the dimension diagram for the sTrak-S3
Stator module length	360mm/480mm/720mm/90° R234/180° R234	
Position Detection	Absolute position	
Power supply	DC36-60V	
Operation temperature	0-50°C	
Matching controller	sTrak-A2	

Movers - Model Description

STK-SX-MV-XXXX-XX-PXX-XXX *Certain groups are omitted in the model number, for more details, refer to the description of the default specifications below

Non-standard custom reserved bits, used for non-standard customization, usually STD (standard)

*If not specified, it defaults to STD (Standard)

The mover repeatability of positioning specification must be the same as the fitting stator specification.

Multi-move repetitive positioning precision	S2	S3
P02 grade	±0.02mm	
P03 grade	±0.03mm	
P05 grade	±0.05mm	

*Precision can be tailored to meet customer preferences. In this context, repetitive positioning precision specifically pertains to the direction of motion.If not specified, defaults to P02 (±0.02mm)

The type of rail that needs to be used to fit the stator is the same, usually HV (High Precision V-shaped Rail), and NN stands for non-standard rail.

*If not specified, it defaults to HV (High Precision V-Guide)

It needs to be the same as the thrust specification of the mating stator, and the specific parameters are shown in the specification table:

Thrust specifications		S2	S3
38M4	Peak thrust	180N	
	Maximum speed	5m/s	
	Maximum load	0~5kg	
	The minimum center distance of the mover	205mm	
54M4	Peak thrust	150N	
	Maximum speed	2.5m/s	
	Maximum load	5~10kg	
	The minimum center distance of the mover	165mm	
58M4	Peak thrust	300N	
	Maximum speed	2.5m/s	
	Maximum load	10~25kg	
	The minimum center distance of the mover	205mm	

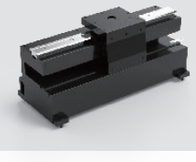
*The above peak thrust means that when the mover is in a straight segment, if the mover is in an arc segment, the peak thrust will be halved compared to the straight segment.Recommended payload range refers to the typically suitable range of loads for use.

MV stands for mover

It needs to be the same as the sub-series code for mating the stator

S2

S3



Example:

STK-S3-MV-58M4-HV-P05-STD represents a standard mover with a peak thrust of 300N mated to a high-precision V-rail. and a repetitive positioning precision of ± 0.05mm.

STK-S3-MV-58M4 represents a standard mover with a peak thrust of 300N, defaulting to high-precision V-guide, and featuring arepetitive positioning precision of ±0.02mm

Stator module - Model Description

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STK-SX-XXXX-XXXX-XX-PXX-XXX *Certain groups are omitted in the model number, for more details, refer to the description of the default specifications below

Non-standard custom reserved bits, used for non-standard customization, usually STD (standard)

*If not specified, it defaults to STD (Standard)

Repeatability specifications:

Multi-move repetitive positioning precision	S2	S3
P02 grade	±0.02mm	
P03 grade	±0.03mm	
P05 grade	±0.05mm	

*Precision can be tailored to meet customer preferences. In this context, repetitive positioning precision specifically pertains to the direction of motion.If not specified, defaults to P02 (±0.02mm)

Stands for the type of rail, usually HV (High Precision V-shaped Rail), and NN stands for non-standard rail.

*If not specified, it defaults to HV (High Precision V-Guide)

Representing the stator module thrust specification; for specific parameters, please refer to the thrust specifications table

* When selecting a complete set with the mover, thrust specifications can be omitted, and in this case, the thrust specifications match those of the mover included in the set. Recommended payload range refers to the typically suitable range of loads for use.

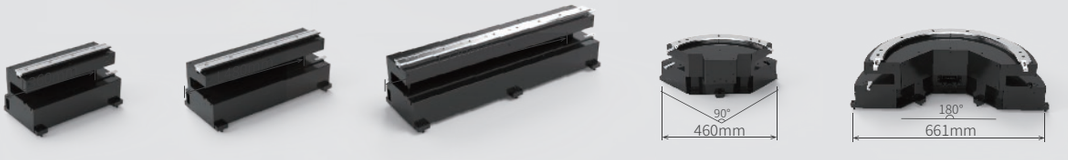
Stator module length and types:

Stator module specifications	S2	S3
L Straight section	360mm/480mm/720mm	
C arc segment	90° R234/180° R234	

Subseries codename
The S2 is a rail concealed type
The S3 is a rail top-mounted type

S2

S3



Example:

STK-S3-L480-58M4-HV-P05-STD represents a standard linear stator with a length of 480mm, a peak thrust of 300N, equipped with high-precision V-guide as standard, and featuring arepetitive positioning precision of ±0.05mm.

STK-S3-L480-58M4 represents a standard linear stator with a length of 480mm, a peak thrust of 300N, defaulting to high-precision V-guide, and featuring a repetitive positioning precision of ±0.02mm.

sTrak-S2 Dimensional Drawing

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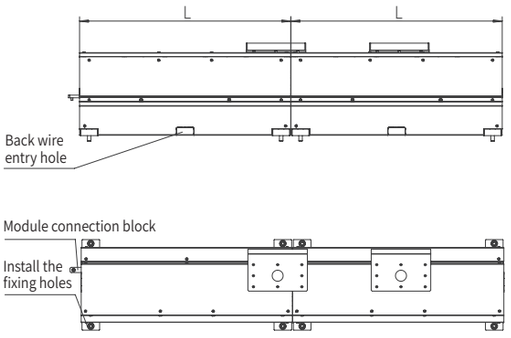
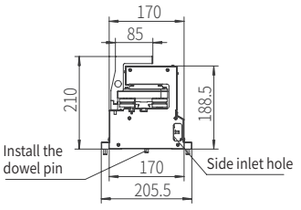
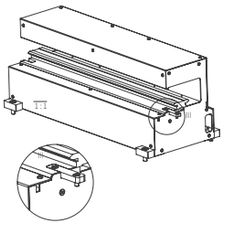
sTrak-S2 Module installation

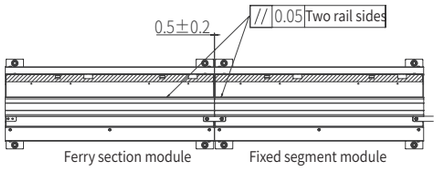
Module Installation

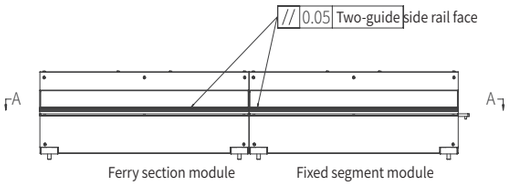




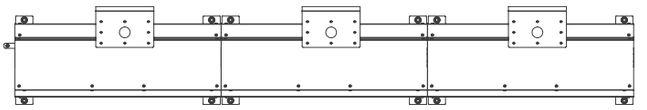


Accurac Requirements



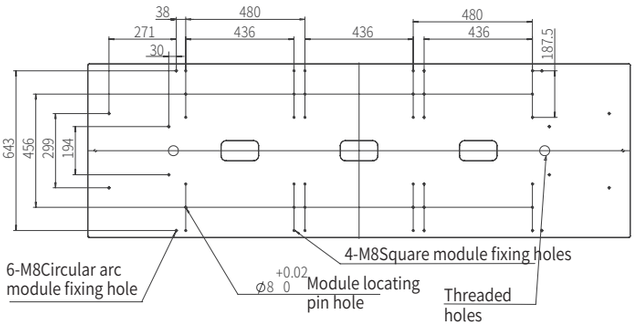


Connections between modules

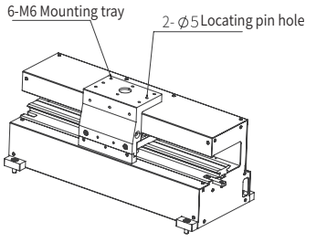


Machine baseplate

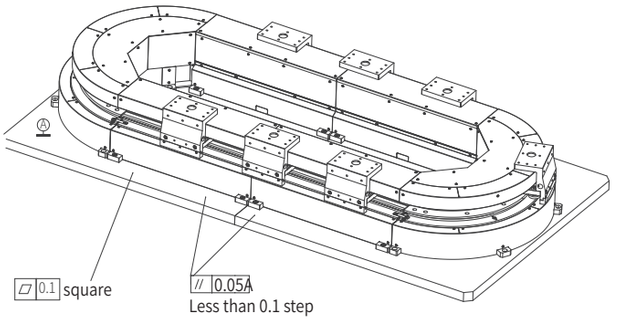
*The S2 and S3 · Machine baseplate are same



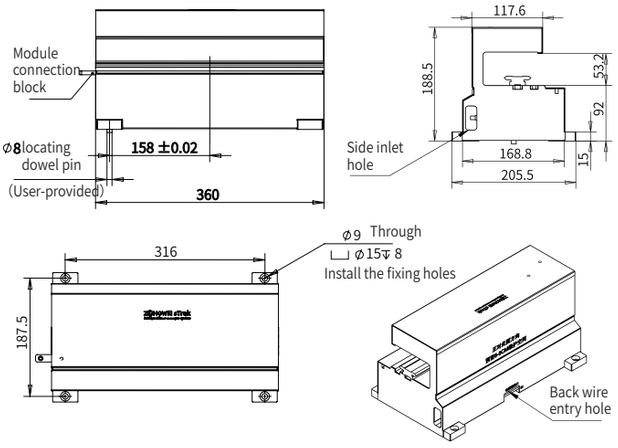
Mounting Tray



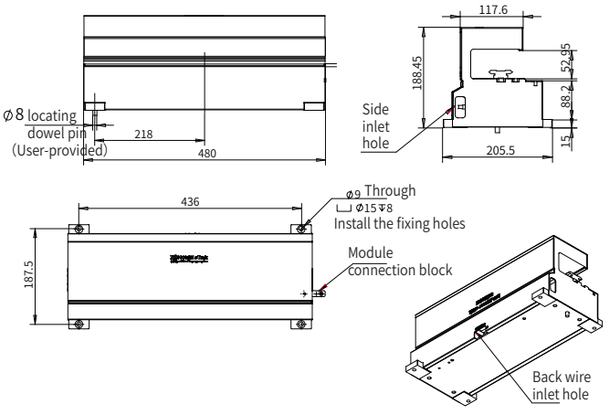
Installation table requirements



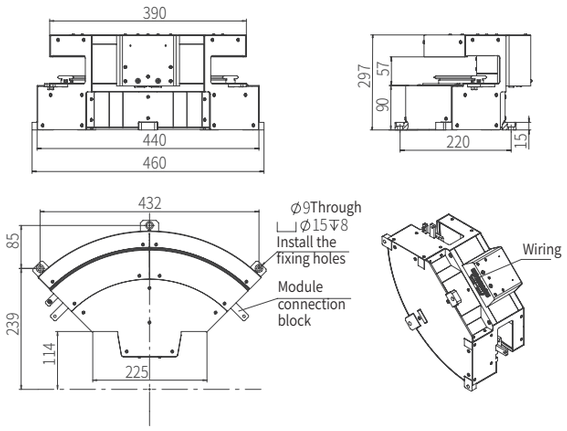
STK-S2-L360 stator module



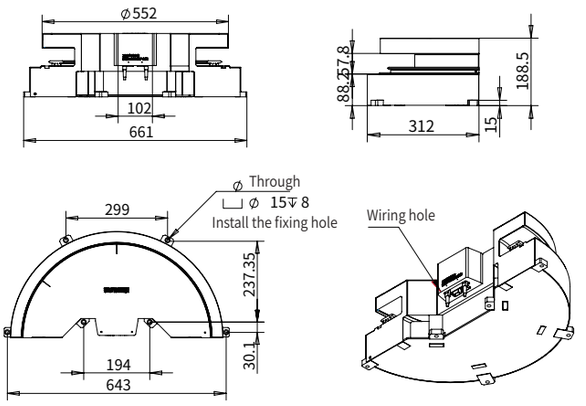
STK-S2-L480 stator module



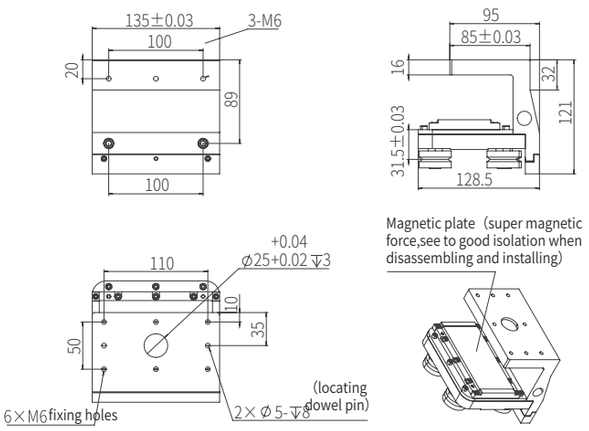
STK-S2-C90 stator module



STK-S2-C180 stator module



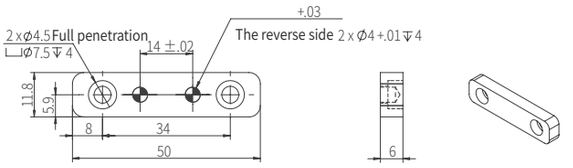
STK-S2 Mover



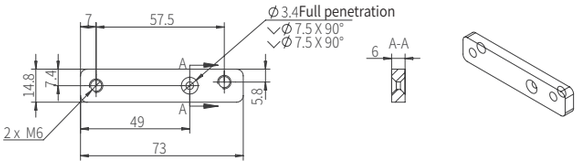
Module connection block

STK-S2 S3 module positioning block

*The S2 and S3module connection blocks are same.



STK-S2 S3 module arc connection block



sTrak-S3 Dimensional Drawing

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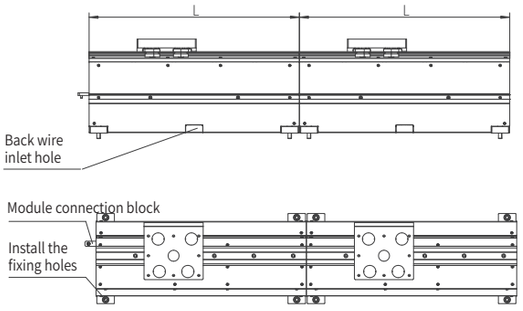
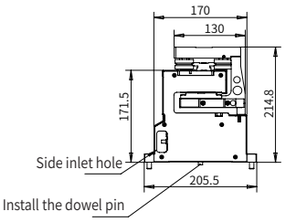
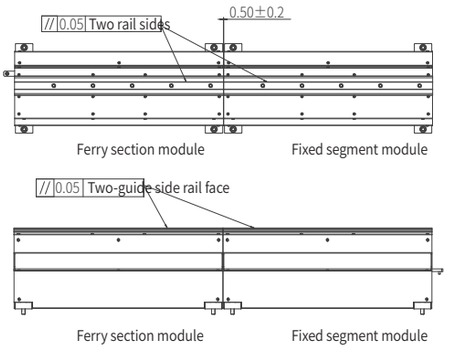
sTrak-S3 Module Installation

Module installation

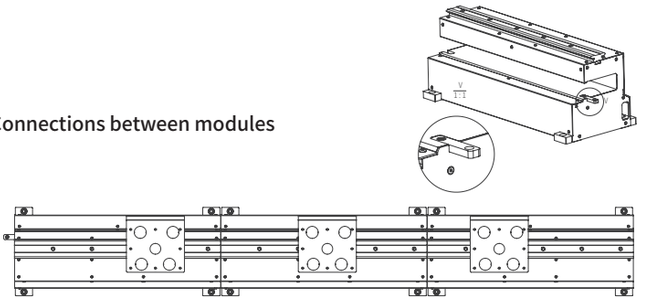




Accuracy requirements



Connections between modules



Machine baseplate

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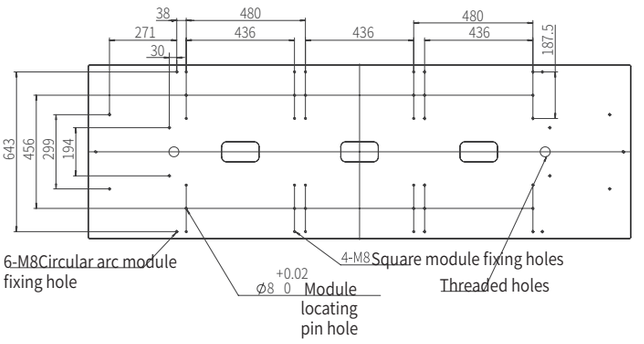
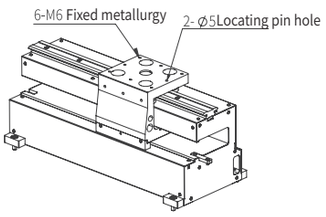
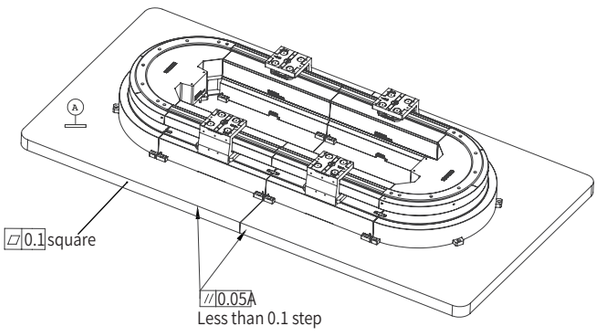


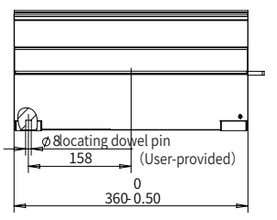
Mounting tray

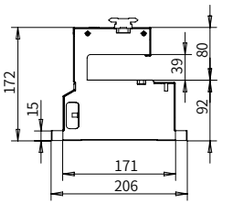


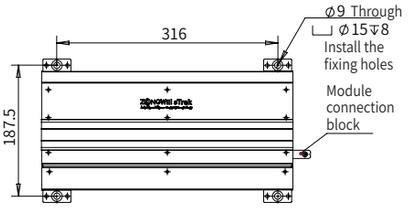
Installation table requirements

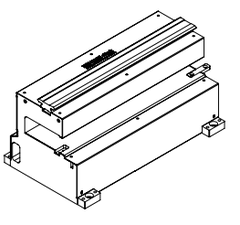


STK-S3-L360 stator module

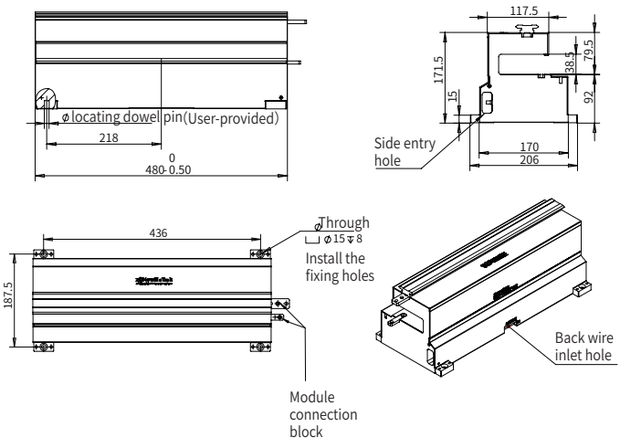




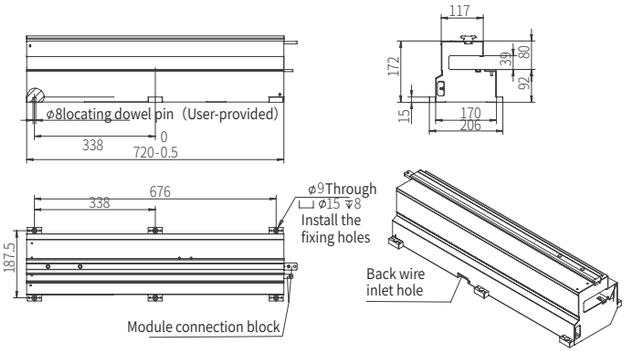




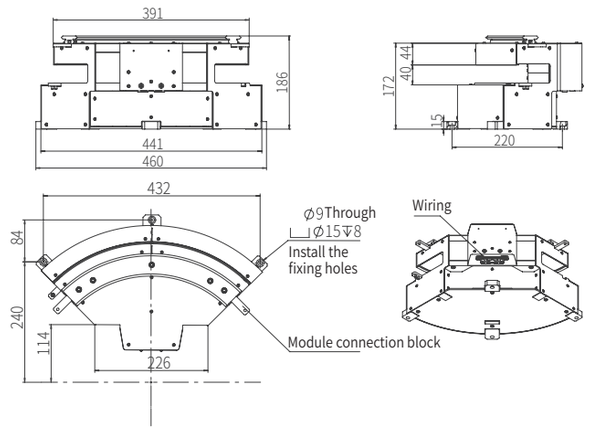
STK-S3-L480 stator module



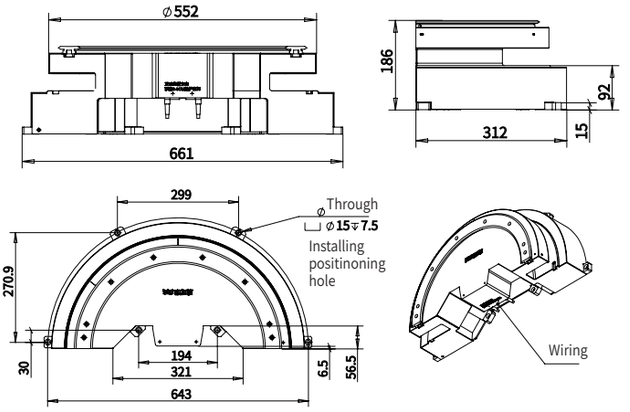
STK-S3-L720 stator module



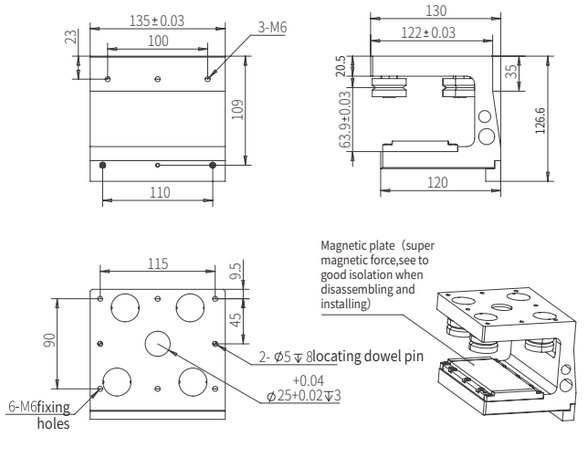
STK-S3-C90 stator module



STK-S3-C180 stator module



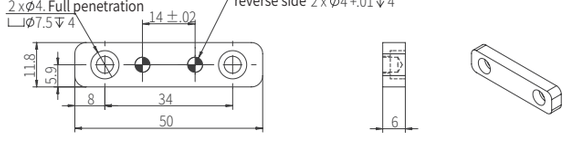
STK-S3 Mover



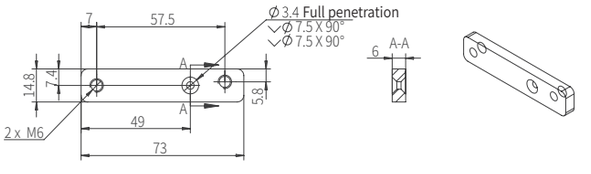
Module connection block

STK-S2 S3 module positioning block

*The S2 and S3module connection blocks are same.



STK-S2 S3 module arc connection block



sTrak-X Ferry-Type Series

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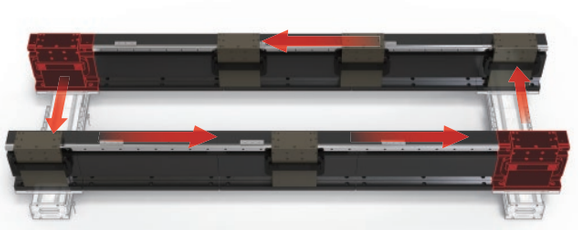
Vertical linear ferry type, simple structure ,suitable for moderate speed, medium and high thrust and load scenarios.Support the integration of traditional conveying methods to reduce the cost of use.

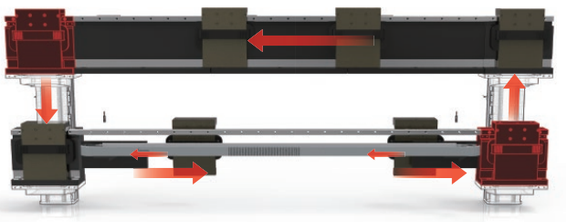
Scan to watch the video

Track Configuration

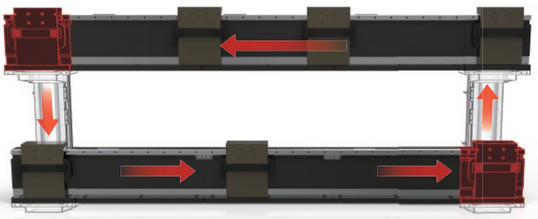
Flat ferry



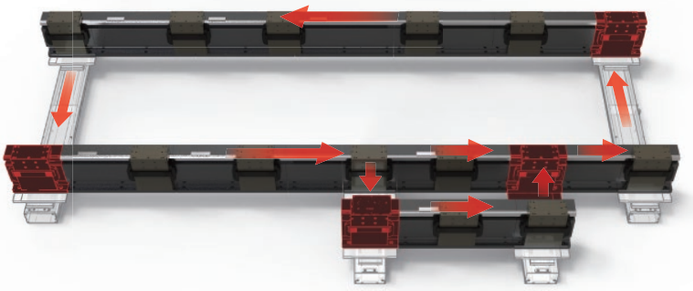
Belt mixing



Vertical ferry



Complex fork roads



sTrak-X Basic Parameters

Basic Specifications	X2	X3
Sizes	SeesTrak-X2 Dimensional Drawing	SeesTrak-X3 Dimensional Drawing
Stator module length	240mm/480mm/720mm	
Position Detection	Absolute position	
Power supply	DC36-60V	
Operation temperature	0-50°C	
Matching controller	sTrak-A2	

Movers - Model Description

STK-XX-MV-XXXX-XX-PXX-XXX

*Certain groups are omitted in the model number, for more details, refer to the description of the default specifications below

Non-standard custom reserved bits, used for non-standard customization, usually STD (standard)

*If not specified, it defaults to STD (Standard)

The mover repeatability of positioning specification must be the same as the fitting stator specification.

Multi-move repetitive positioning precision	X2	X3
P00 grade	±0.001mm	
P01 grade	±0.01mm	
P02 grade	±0.02mm	
P05 grade	±0.05mm	

*Precision can be tailored to meet customer preferences. In this context, repetitive positioning precision specifically pertains to the direction of motion.If not specified, defaults to P02 (±0.02mm)

Needs to be the same type of guide as the mating stator, usually LN (Linear Guide), and NN stands for non-customized rail.

*If not specified, defaults to LN (Linear Guide)

It represents the thrust specification of the stator module, and the specific parameters are shown in the thrust specification table:

Thrust specifications		X2	X3
54M4	Peak thrust	150N	
	Maximum speed	2.5m/s	
	Maximum load	0 ～ 10kg	
	The minimum center distance of the mover	165mm	
58M4	Peak thrust	300N	
	Maximum speed	2.5m/s	
	Maximum load	10 ～ 25kg	
	The minimum center distance of the mover	205mm	
88M4	Peak thrust	500N	
	Maximum speed	2m/s	
	Maximum load	25~50kg	
	The minimum center distance of the mover	205mm	

*The thrust can be doubled by lengthening the mover. Recommended payload range refers to the typically suitable range of loads for use.

MV stands for mover

It needs to be the same as the sub-series code for mating the stator

X2

Standard mover

Extended mover

X3

Examples:

STK-X2-MV-58M4-LN-P05-STD represents a standard rotor with a peak force of 300N, standard linear guide, and a repeated positioning accuracy of ±0.05mm.

STK-X2-MV-58M4 represents a standard rotor with a peak force of 300N, defaulting to the standard linear guide, and a repeated positioning accuracy of ±0.02mm.

Stator Module - Model Description

STK-XX-LXXX-XXXX-XX-PXX-XXX

*Certain groups are omitted in the model number, for more details, refer to the description of the default specifications below

Non-standard custom reserved bits, used for non-standard customization, usually STD (standard)

*If not specified, it defaults to STD (Standard)

Multi-move repetitive positioning precision

Multi-move repetitive positioning precision	X2	X3
P00 grade	±0.001mm	
P01 grade	±0.01mm	
P02 grade	±0.02mm	
P05 grade	±0.05mm	

*Precision can be tailored to meet customer preferences. In this context, repetitive positioning precision specifically pertains to the direction of motion.If not specified, defaults to P02 (±0.02mm)

Represents the type of rail, usually LN (Linear Guide), NN stands for non-customized rail.

*If not specified, defaults to LN (Linear Guide)

Representing the stator module thrust specification; for specific parameters, please refer to the thrust specifications table

* When selecting a complete set with the mover, thrust specifications can be omitted, and in this case, the thrust specifications match those of the mover included in the set. Recommended payload range refers to the typically suitable range of loads for use.

Stator module length and types:

Stator module specifications	X2	X3
L Straight section	240mm/480mm/720mm	

Product sub-family code
The X2 is the single rail
The X3 is the double rail

X2

X3

Examples:

STK-X2-L480-58M4-LN-P05-STD represents a standard linear stator with a length of 480mm, a single guide rail, a peak thrust of 300N, equipped with linear guide as standard, and featuring a repetitive positioning precision of ±0.05mm.

STK-X2-L480-58M4 represents a standard linear stator with a length of 480mm, a single guide rail, a peak thrust of 300N, equipped with linear guide as standard, and featuring a repetitive positioning precision of ±0.02mm.

sTrak-X2 Dimensional Drawing

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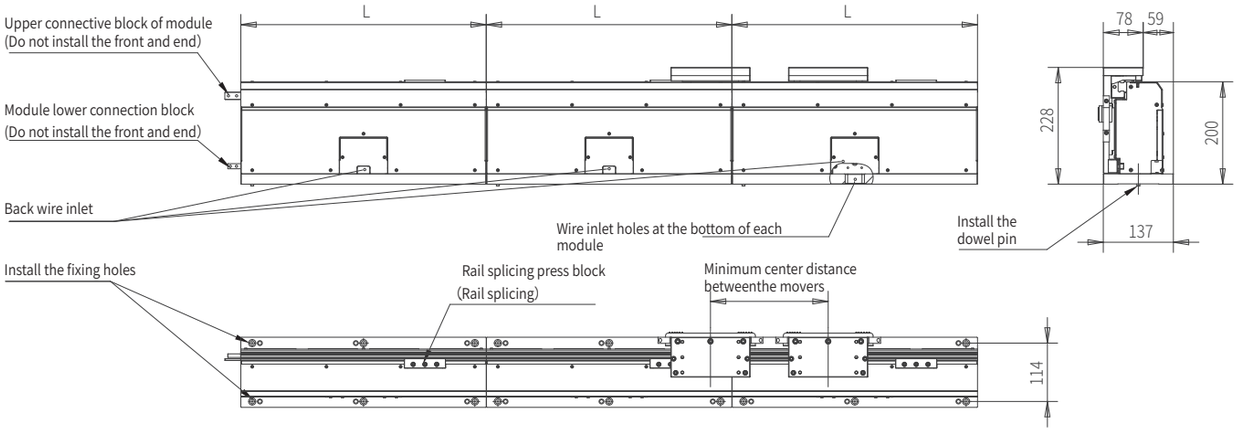
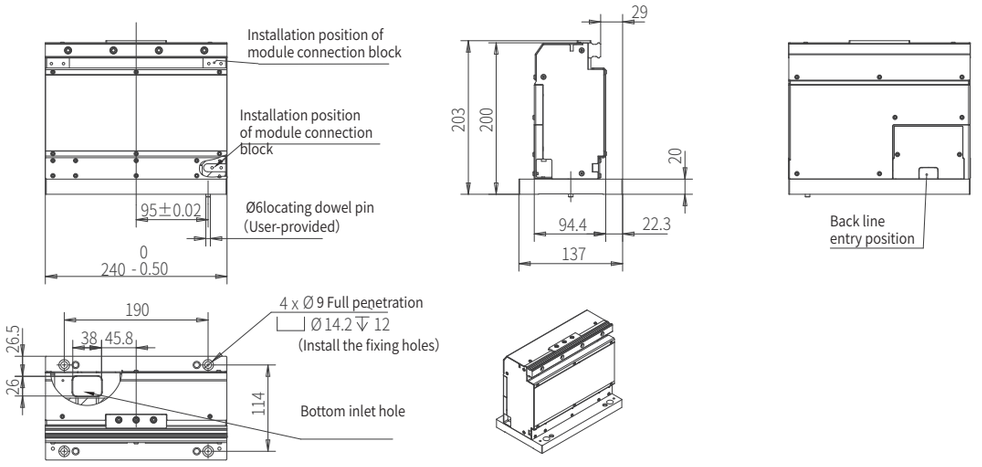
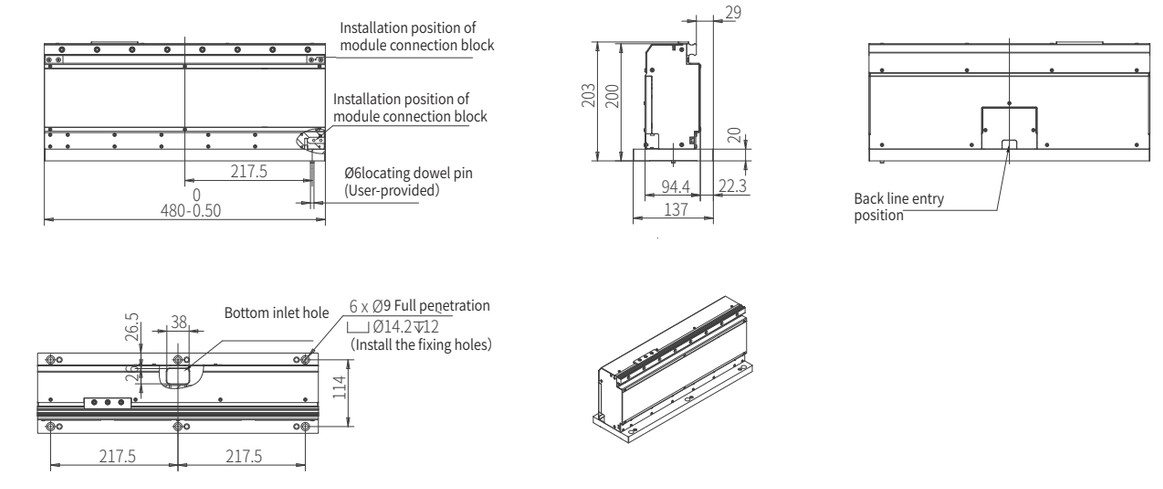
Module Installation



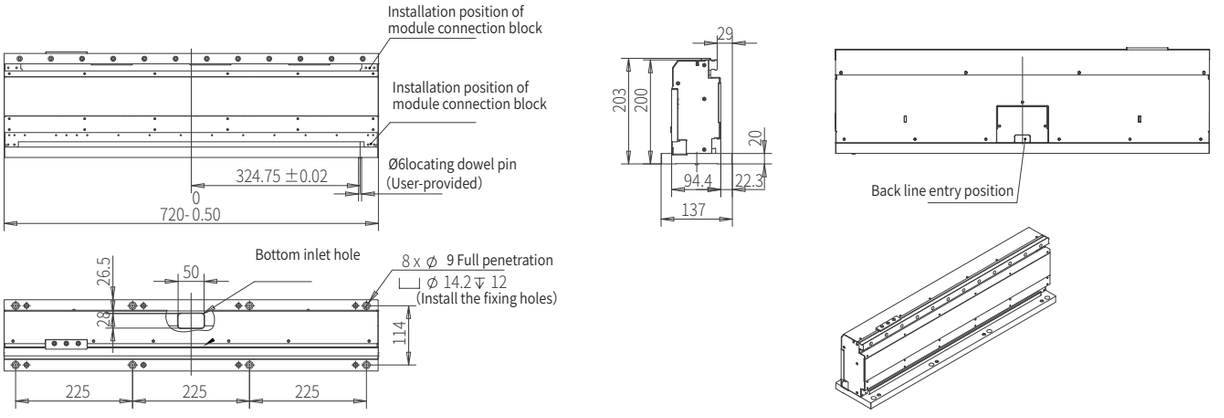
STK-X2-L240 Stator module



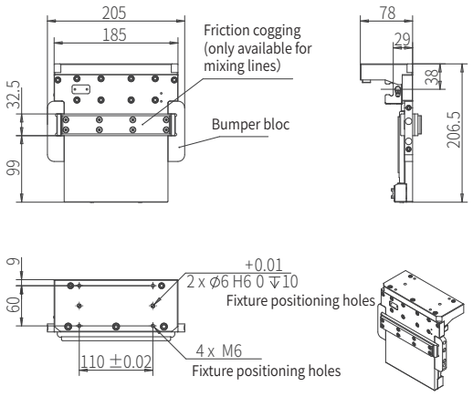
STK-X2-L480 Sator module



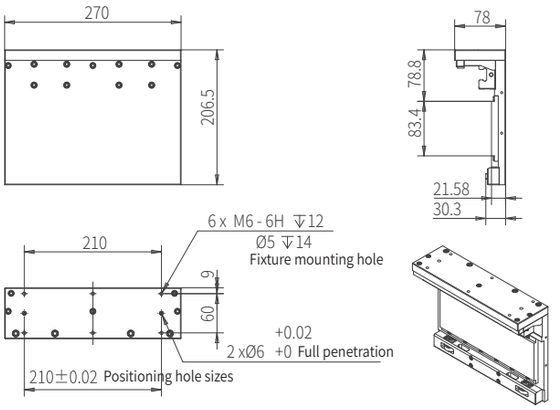
STK-X2-L720 Sator module



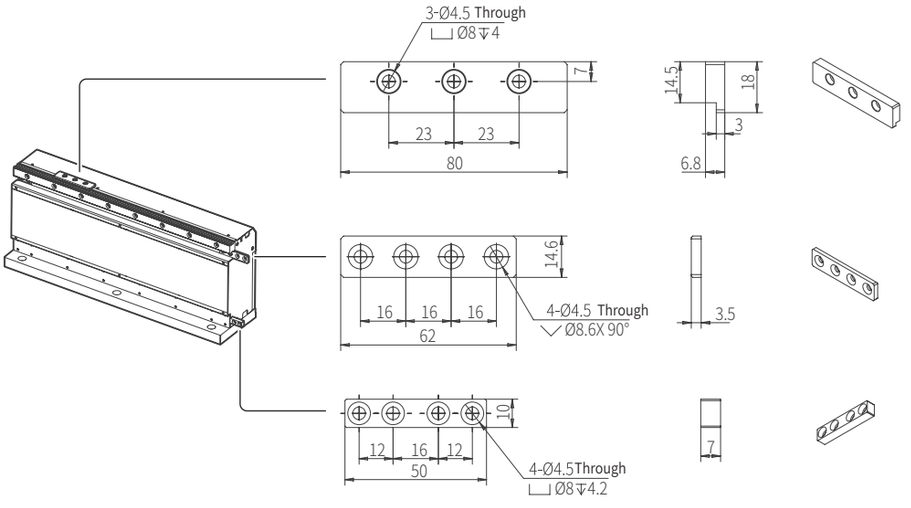
STK-X2-MV Standard mover



STK-X2-MV Extended mover

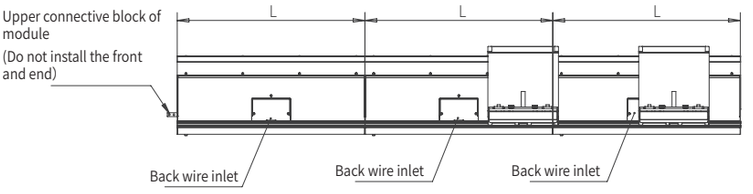


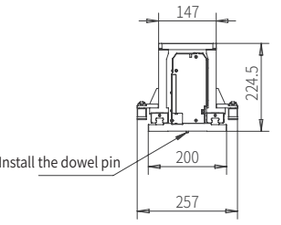
Module connection block

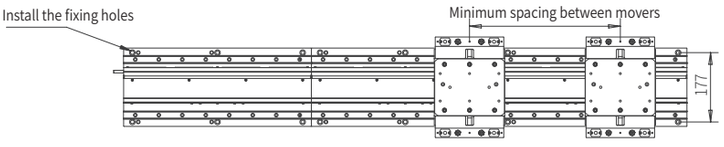


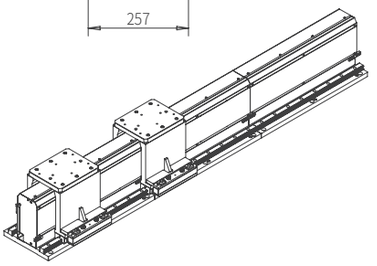
sTrak-X3 Dimensional Drawing

Module installation

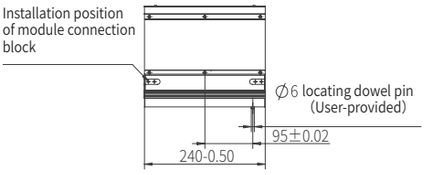


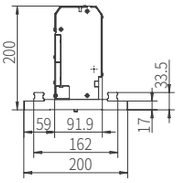


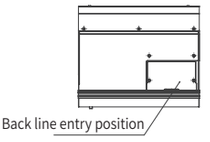


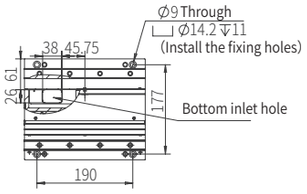


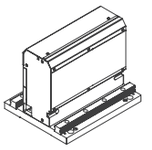
STK-X3-L240 Stator module



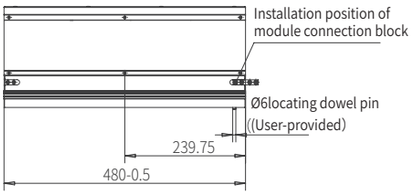


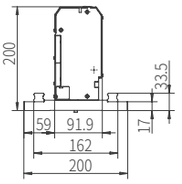


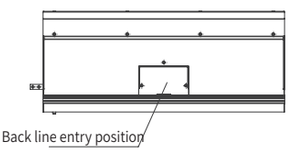


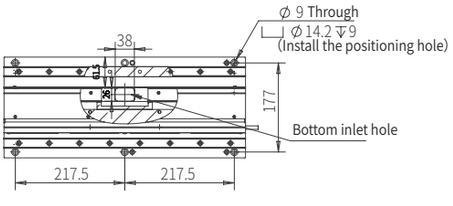


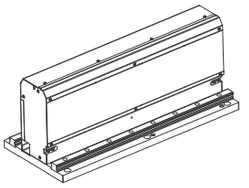
STK-X2-L480 Stator module



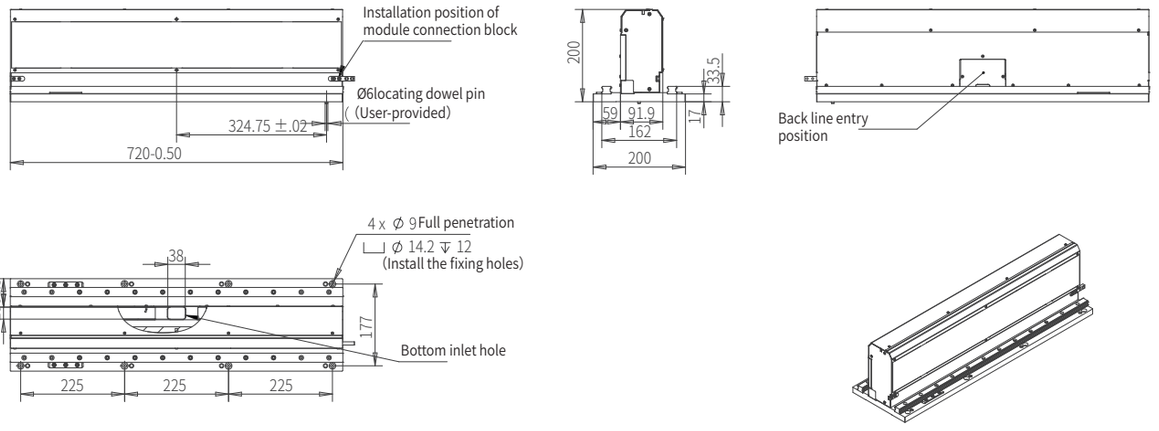




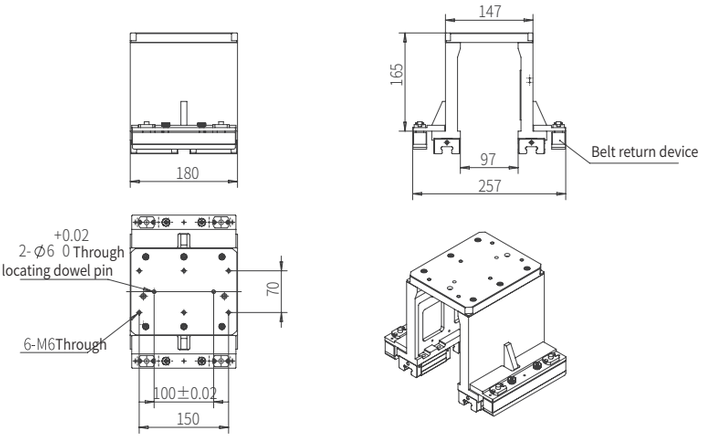




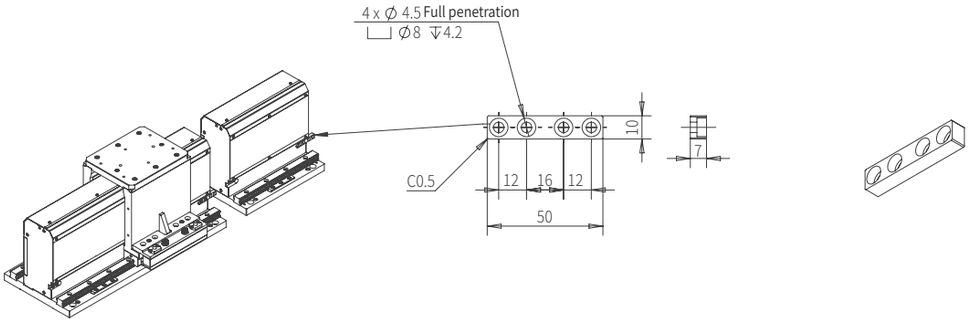
STK-X3-L720 Stator module



STK-X3 Standard mover



Module connection block



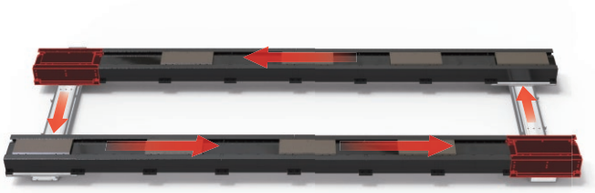
sTrak-W Heavy-Load Series

Horizontal linear ferry type, double guide rail support, high bearing capacity.Suitable for moderate speed, large thrust and load scenarios
Support the integration of traditional conveying methods to reduce the cost of use

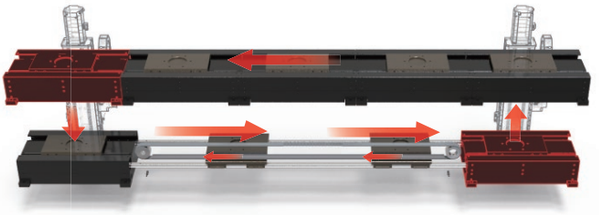
Scan to watch the video

Track configuration

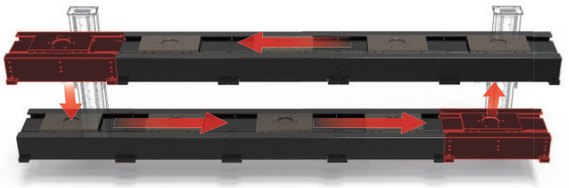
Flat ferry



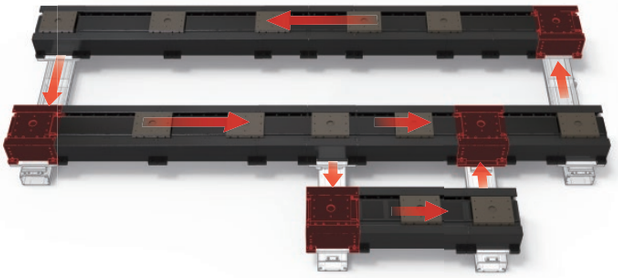
Belt mixing



Vertical ferry



Complex fork roads



sTrak-W Basic Parameters

Basic Specifications	
Sizes	See sTrak-W1 Dimensional drawing
Stator module length	240mm/480mm/720mm
Position Detection	Absolute position
Power supply	DC36-60V
Operation temperature	0-50°C
Matching controller	sTrak-A2

Movers - Model Description

ZONGWEI

STK-W1-MV-XXXX-XL-XX-PXX-XXX *Certain groups are omitted in the model number, for more details, refer to the description of the default specifications below

Non-standard customized retention positions are reserved for non-standard customization, typically labeled as "STD" (standard).

If not specified, it defaults to STD (Standard)

The mover's repetitive positioning precision specification needs to match the corresponding stator specification. For specific parameters, please refer to the repetitive positioning precision guidelines.

*If not specified, defaults to P02 (±0.02mm)

Multi-move repetitive positioning precision			
P00 grade	±0.001mm	P02 grade	±0.02mm
P01grade	±0.01mm	P05 grade	±0.05mm

It's important to ensure that the guide rail type aligns with the corresponding stator, usually utilizing HV (high precision V-type guide rail). The notation "NN" indicates that guide rails are not included as standard.

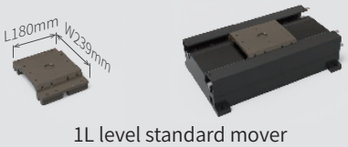
*If not specified, defaults to LN (Linear Guide)

Representing the mover ‘s magnet length, where the thrust equals X multiplied by the peak thrust of the corresponding stator. It's necessary for the actuator's thrust specifications to match those of the corresponding stator. For specific parameters, please refer to the thrust specifications table:

Thrust specifications		
58M4-1L	peak thrust	300N
	Maximum speed	2.5m/s
	Recommended payload range	10 ~ 25kg
	The minimum center distance of the mover	205mm
88M4-1L	peak thrust	500N
	Maximum speed	2.0m/s
	Recommended payload range	25 ~ 40kg
	The minimum center distance of the mover	205mm
88M2-2L	peak thrust	1000N
	Maximum speed	2.0m/s
	Recommended payload range	25 ~ 40kg
	The minimum center distance of the mover	325mm
88M4-2L	peak thrust	1000N
	Maximum speed	2.0m/s
	Recommended payload range	40 ~ 80kg
	The minimum center distance of the mover	325mm
88M4-NL	peak thrust	500N * N
	Maximum speed	2.5m/s
	Recommended payload range	40kg * (N-1) ~ 40kg * N
	The minimum center distance of the mover	/

MV stands for mover

*88M2 can only be used with 2L movers. Recommended payload range refers to the typically suitable range of loads for use.



1L level standard mover

2L level mover

Examples:

STK-W1-MV-88M4-1L-LN-P05-STD represents a standard rotor with a peak force of 500N, standard linear guide, and a repeated positioning accuracy of ±0.05mm.

STK-W1-MV-88M4-1L represents a standard rotor with a peak force of 500N, defaulting to the standard linear guide, and a repeated positioning accuracy of ±0.02mm.

Stator module - Model Description

ZONGWEI

STK-W1-LXXX-XXXX-XL-XX-PXX-XXX ..... *Certain groups are omitted in the model number, for more details, refer to the description of the default specifications below

Non-standard customized retention positions are reserved for non-standard customization, typically labeled as "STD" (standard).

If not specified, it defaults to STD (Standard)

Multi-move repetitive positioning precision

Multi-move repetitive positioning precision	W1
P00 grade	±0.001mm
P01 grade	±0.01mm
P02 grade	±0.02mm
P05 grade	±0.05mm

Precision can be tailored to meet customer preferences. In this context, repetitive positioning precision specifically pertains to the direction of motion. If not specified, defaults to P02 (±0.02mm)

It's necessary for the guide rail type to match that of the corresponding stator, usually using LN (Linear Guide). NN indicates that guide rails are not included as part of the standard package

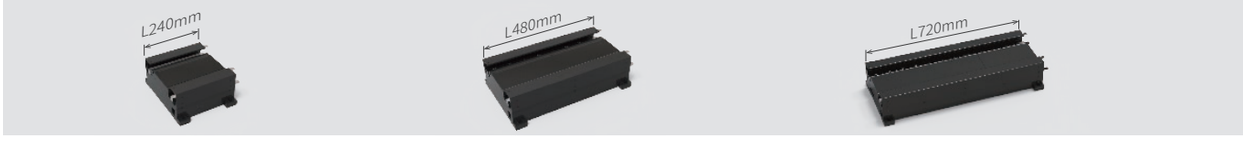
*If not specified, defaults to LN (Linear Guide)

Representing the stator module thrust specification; for specific parameters, please refer to the thrust specifications table

* When selecting a complete set with the mover, thrust specifications can be omitted, and in this case, the thrust specifications match those of the mover included in the set. Recommended payload range refers to the typically suitable range of loads for use.

Stator module length and type

Stator module specifications	W1
L Straight section	240mm/480mm/720mm



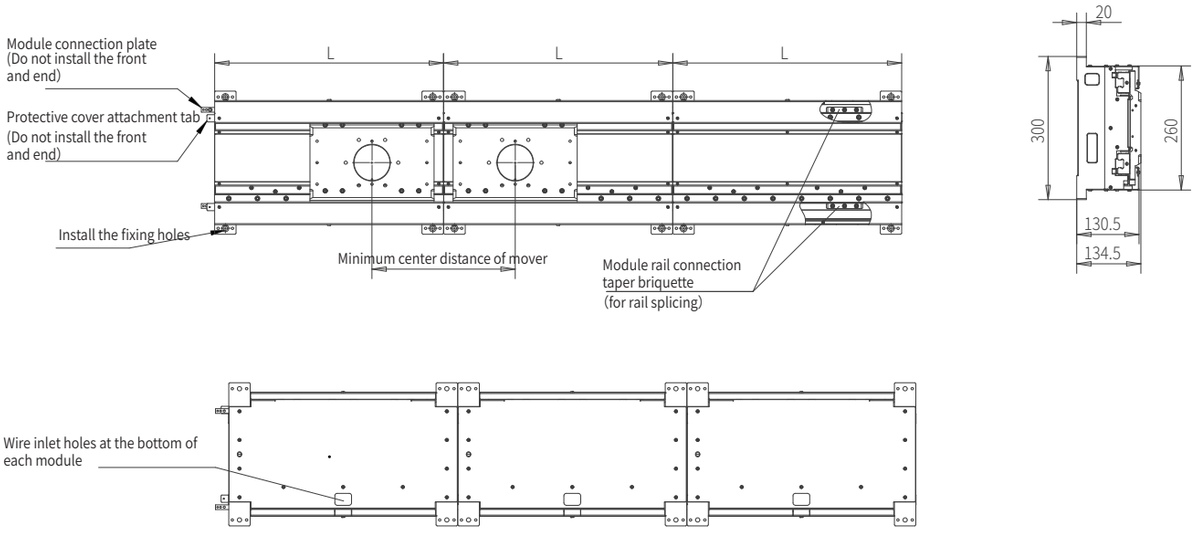
Example:

STK-W1-L480-88M4-LN-P05-STD represents a linear standard stator with a length of 480mm, peak thrust of 500N, standard performance guide rails, and a repetitive positioning precision of ±0.05mm.

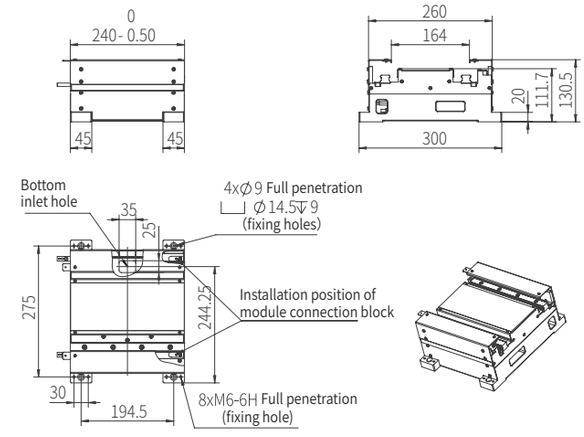
STK-W1-L480-88M4 represents a linear standard stator with a length of 480mm, peak thrust of 500N, default standard performance guide rails, and a repetitive positioning precision of ±0.02mm.

sTrak-W1 Dimensional drawing

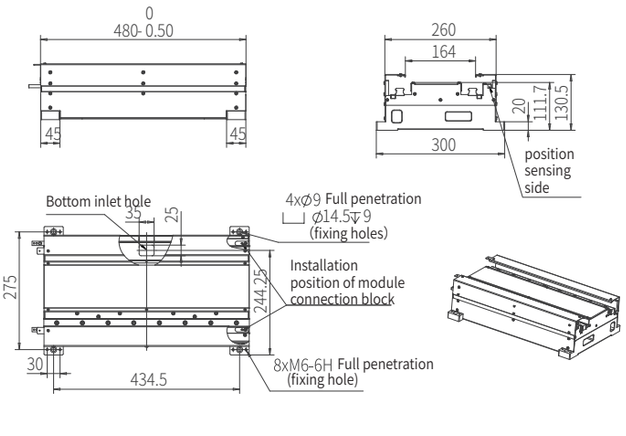
Module installation



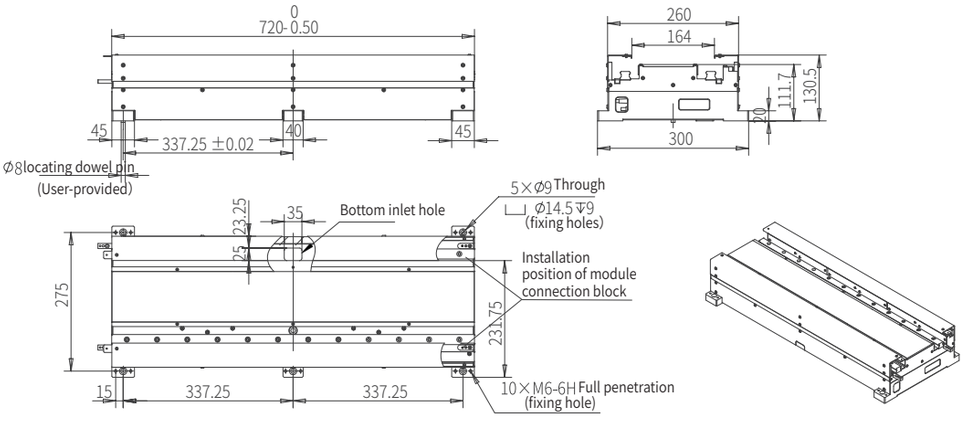
STK-W1-L240 stator module



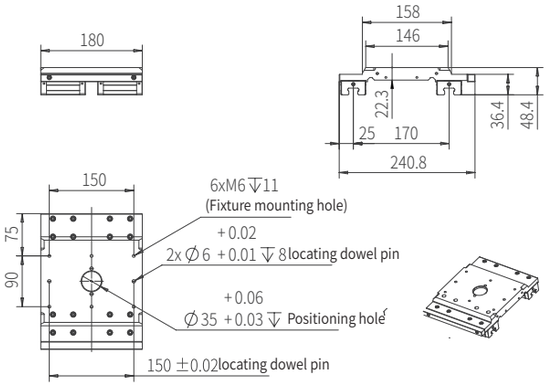
STK-W1-L480 stator module



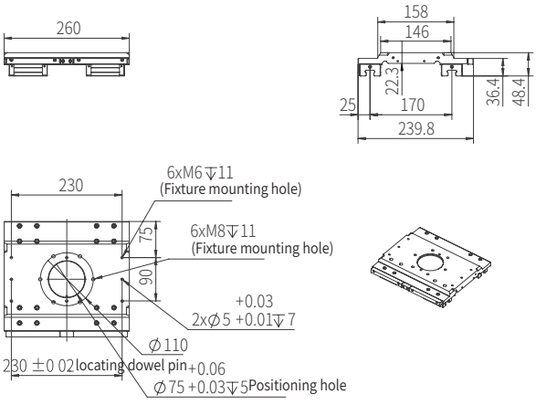
STK-W1-L720 stator module



STK-W1-MV-XXXX-1L Mover

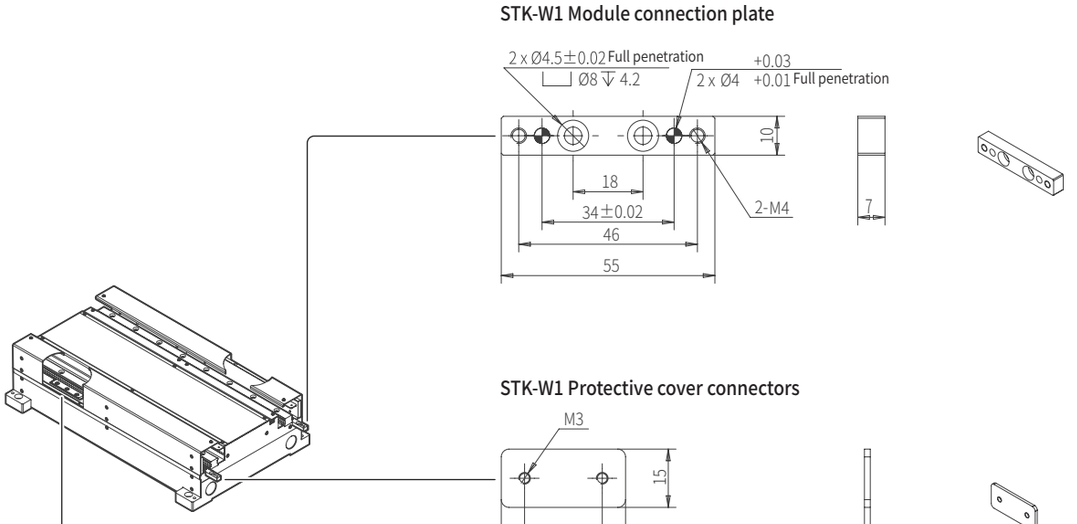


STK-W1-MV-XXXX-2L Mover



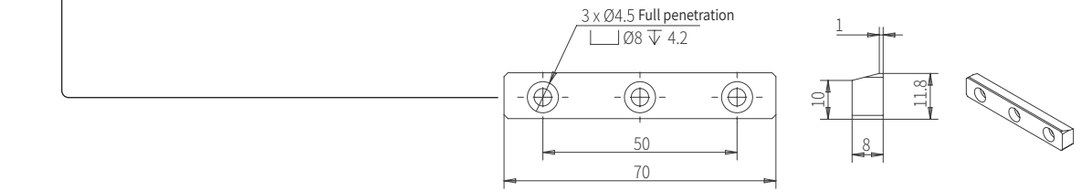
Module connection block

STK-W1 Module connection plate



STK-W1 Protective cover connectors

STK-W1 Module rail connection taper briquette



sTrak-A2 Controller

Controller model: **STK-A2-X**

Controller performance
S:Standard
H: High-performance

Example: STK-A2-S stands for A2 controller.

Basic specifications of the sTrak-A2 controller		
Hardware architecture	x86-64	
Software platform	STK-SW-V10 (sTrakIntelligent Maglev Conveying System)	
External communication protocols	EtherCAT, Modbus-TCP, Ethernet/IP	
Maximum control length	Standard	50m
	High-performance	250m
The maximum number of movers	Standard	64
	High-performance	246
Power	Standard	TDP 30W
	High-performance	TDP 100W
Humidity scope	5%-95%RH non-condensing	
Temperature range	-10° C~60° C	
Vibration range	0.5G rms/5-50HZ	

sTrak-PS Power Supply

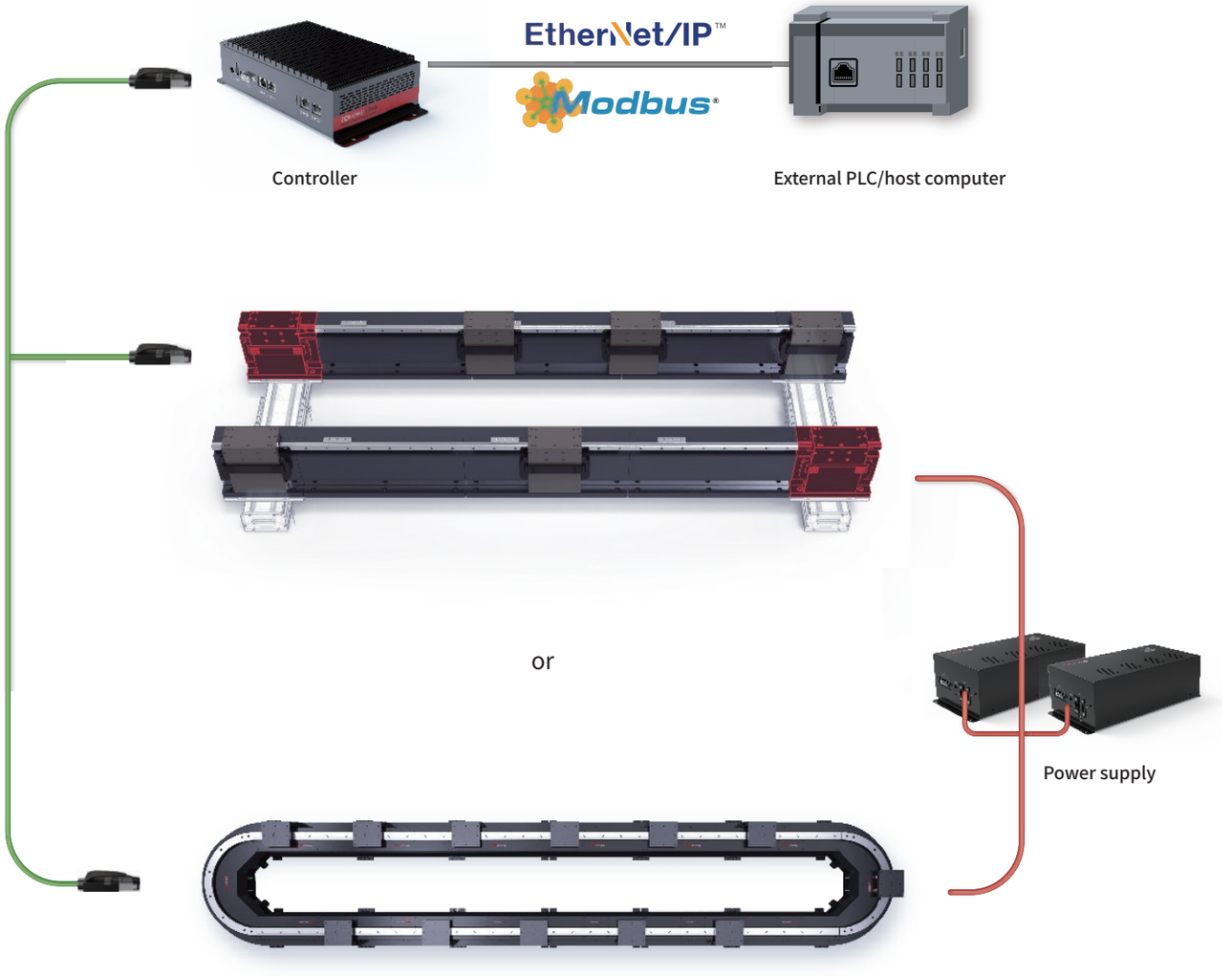
sTrak-PS power supply basic specifications	
Output voltage	48VDC/36VDC
Rated power	1000W/2000W/3000W
Input voltage	90 ~ 264VAC 127 ~ 320VDC
Frequency range	47~63Hz
Power factor	0.97/230VAC(at full load)
Protection function	Overload/Overvoltage/Overtemperature
Temperature range	-35 ~ +70 °C
Humidity Scope	20 ~ 90% RH non-condensing
Vibration range	2G rms/10-500HZ

Power supply model: **STK-PS-XXXX-XX**

Here are two output voltages, 48 and 36, representing 48V and 36V respectively.
Power supply, there are 1000, 2000, 3000, three kinds, representing 1000W, 2000W, 3000W.

Example: STK-PS-2000-48 stands for 2000W-48VDC power battery.

Basic system composition



Efficient and user-friendly configuration and debugging tools

- Graphical configuration tools to quickly design and configure production lines of different shapes.
- The overall motion control logic is completed through the process module, reducing PLC programming.
- Integrated graphical simulation functions to obtain the system operating status in real time.
- Standardizing parameters with uniform specifications to reduce learning and service costs.

Condition monitoring

Graphical user interface
The system error
Information is obtained in real time

Process simulation

The mover that arrives at the process awaits the setting

System configuration

Trolley configuration
Process configuration

Motion control

Increase or decrease the speed of the movers

JOG debugging

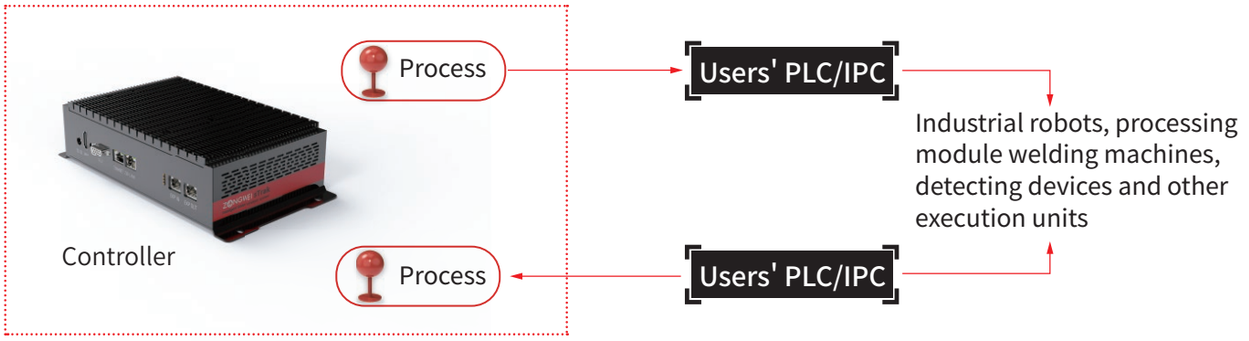
Mover JOG debugging
Motor JOG debugging in the reciprocating section

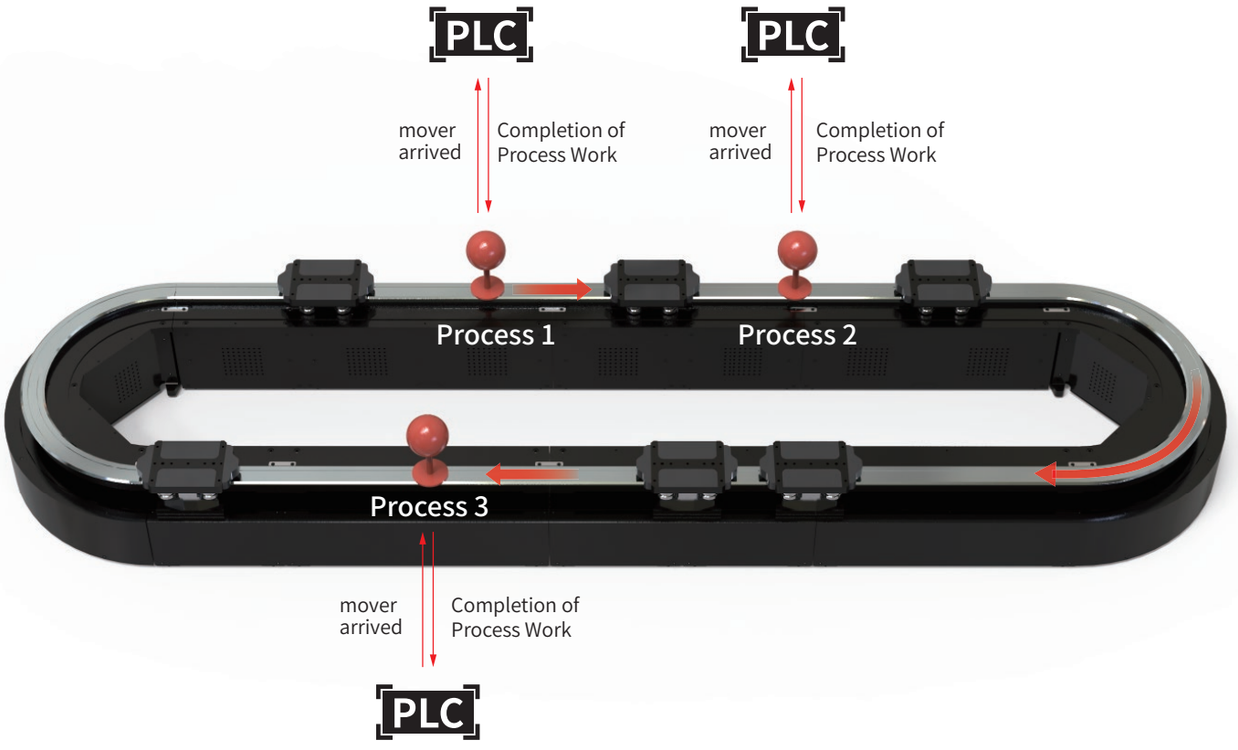
Start-stop system

Initialization, reset, start,emergency stop and pause

Basic Mode

With "process" as the control object, the user can use PLC to interact with the process. As long as the station position and information are set, the sTrak controller can plan the motion of the mover.
The user doesn’ t need to care too much about the operation, because it is easy to use and operate.



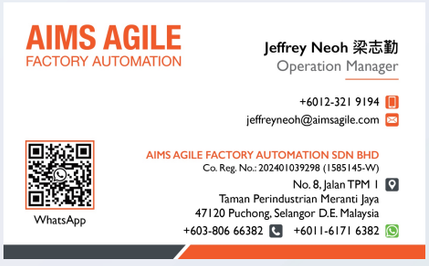


Dedicated to Advanced Maglev Drive Conveying System

Zongwei Technology is a research and development enterprise with control technology as the core, focusing on intelligent magnetic drive and magnetic levitation conveying technology.
Zongwei has R&D, production and service centers in Suzhou, Shanghai and Dongguan, and help many industrial giants realize intelligent, high speed, and flexible automated production solutions.

Empowering High-End Manufacturing with Intelligent Maglev Drive Conveying System

Your Local Contact



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