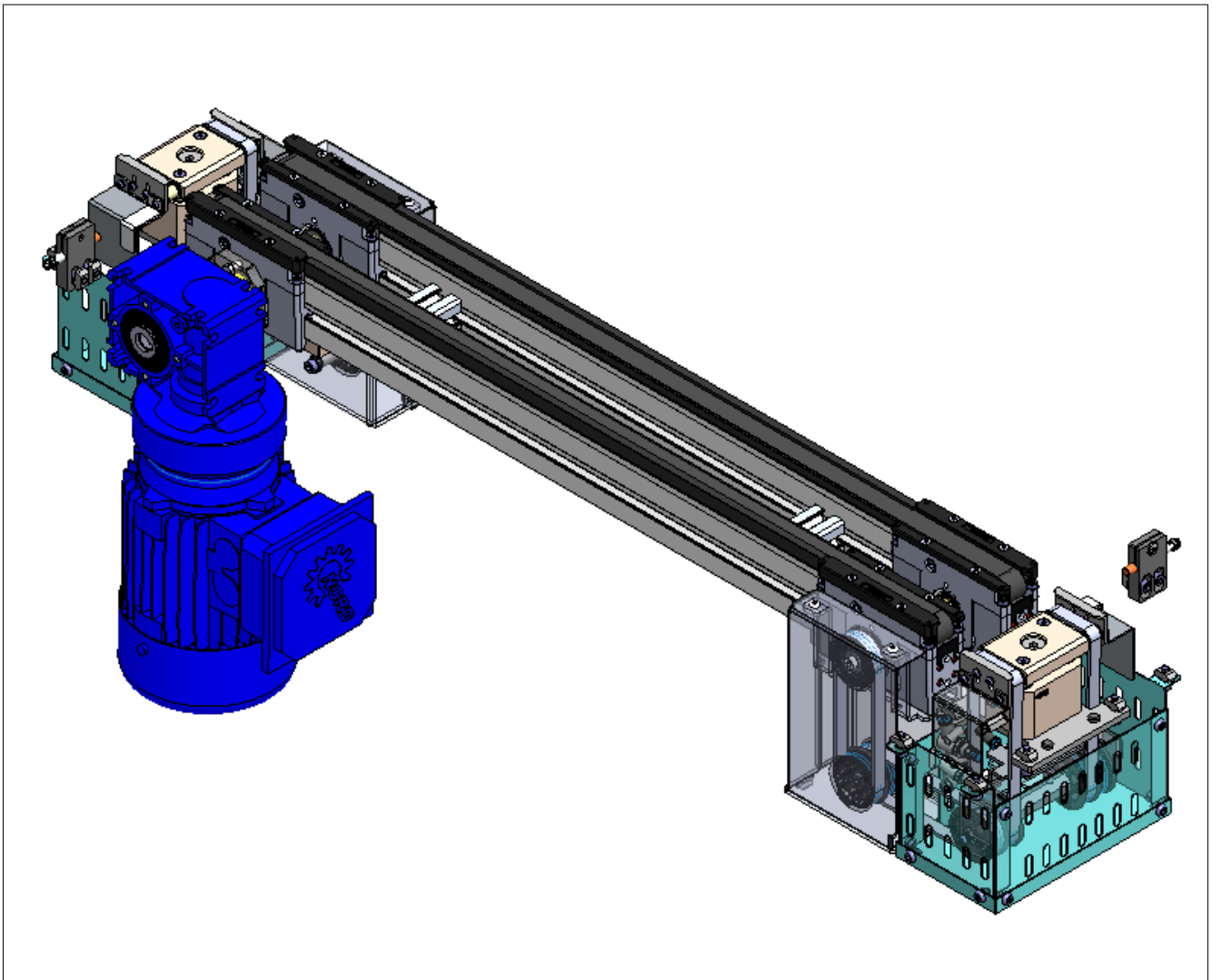


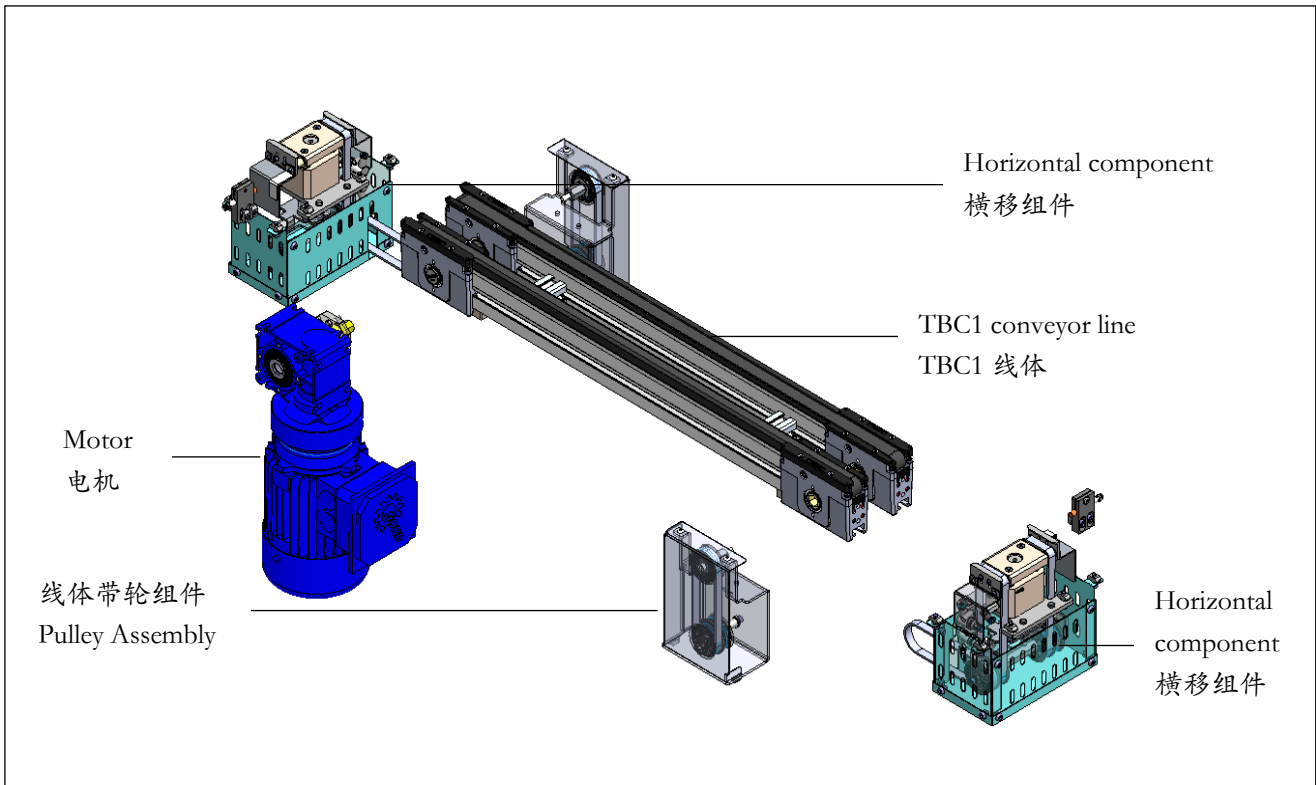
ETC1 Electrical Transverse Conveyor
Instruction & Maintenance Manual
ETC1 电动横向输送段安装使用维护手册



Suzhou LinkedGo Transfer System Co.,Ltd.

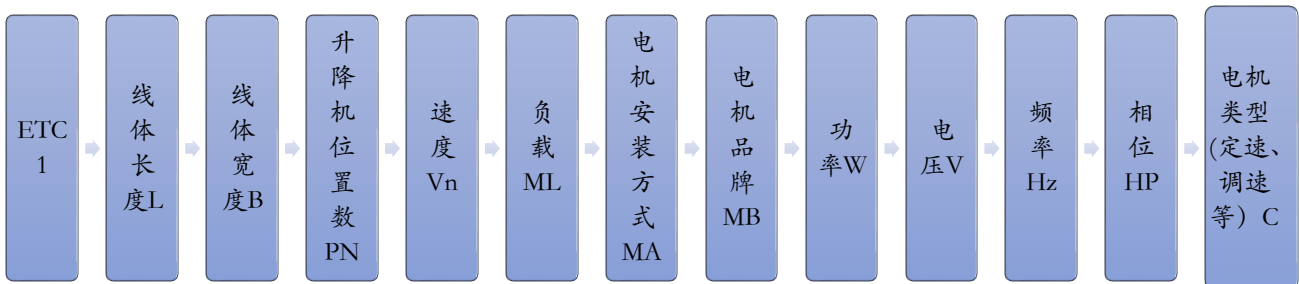
苏州领科工业技术有限公司

Structure Diagram 结构示意图



- 1、The length L of the Conveying Section is 250-5000mm, and the width can be customized according to customer requirements.
- 1、输送段长度 L 为 250-5000mm，宽度可根据客户要求定制。
- 2、The conveying medium is a toothed belt.
- 2、输送介质为齿形带。
- 3、The maximum conveying section load during stacking operation is 30kg.
- 3、堆积操作中的最大输送段负载为 30kg。
- 4、Can run in reverse.
- 4、可反向运行。
- 5、The motor can be installed on the right, left, and middle of the line * (* when the conveying section width $B \geq 160\text{mm}$).
- 5、电机可安装在线体右侧、左侧和中间* (*当输送段宽度 $B \geq 160\text{mm}$)。

Model Description 型号说明



产品特征

安装步骤

维护保养

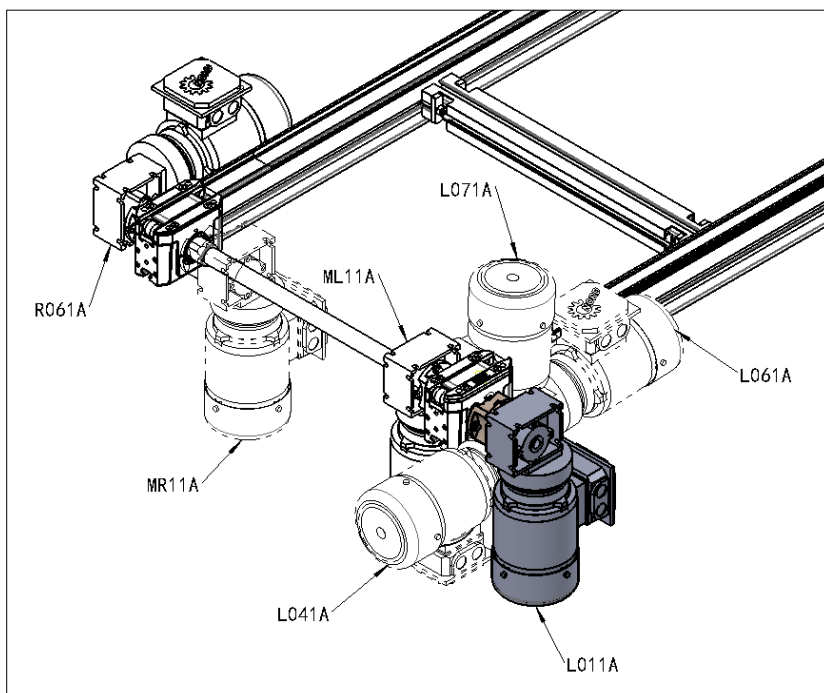
例:ETC1-L2810-B120-Vn12-ML30-MAL011A – NORD-120W-380V-50Hz-3HP-C0

The model ETC1-L2810-B120-Vn12-ML30-MAL011A – NORD-120W-380V-50Hz-3HP-C0, represents a fixed speed motor with a line length of 2810mm, a line width of 160mm, a running speed of 10m/min, a running load of 30kg, a motor installation position of L011A, a motor brand of NORD, a power of 120W, a voltage of 380V, a frequency of 50Hz, and a phase of 3.

型号 ETC1-L2810-B120-Vn12-ML30-MAL011A – NORD-120W-380V-50Hz-3HP-C0, 表示线体长度 2810mm, 线体宽度 160mm, 运行速度 12m/min, 运行负载 30kg, 电机安装位置为 L011A, 电机品牌为 NORD, 功率为 120W, 电压为 380V, 频率为 50Hz, 相位为 3 的定速电机。

参数说明 Parameter Description

品名 Product Name	长度(mm) Length	宽度(mm) Width	速度(m/min) Speed	电机安装方式 Motor installation method
ETC1	250~5000	80~160	8~20	电机安装: MA=①_②_③_④_⑤_ Motor installation: MA=①_②_③_④_⑤_ ① 电机安装位置: M 中置; R=右; L=左; Motor installation position: M center; R=right; L=Left; ② 当①=R/L 时, ②=0; 当①=M 时, ②=R/L; ② When ①=R/L, ②=0; When ①=M, ②=R/L; ③ 电机安装位置: 1、2、3、4; Motor installation position: 1, 2, 3, 4; ④ 接线盒位置: 1、2、3、4; Location of junction box: 1, 2, 3, 4; ⑤ 出线口方向: A、B、C、D; Outlet direction: A, B, C, D;



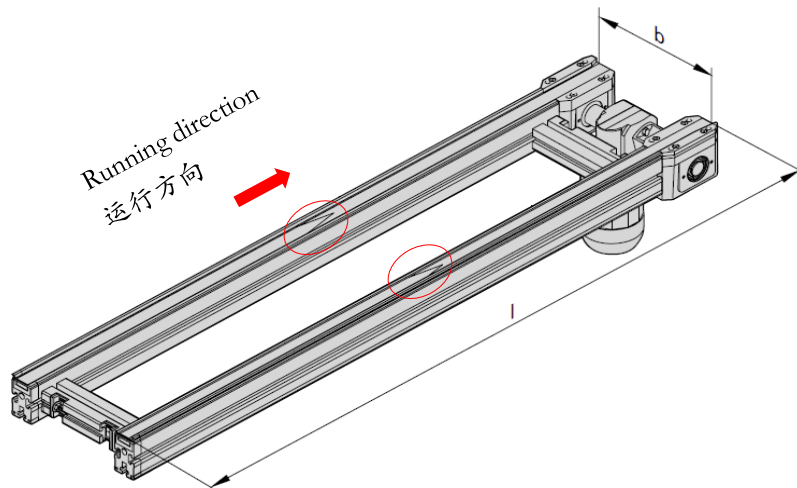
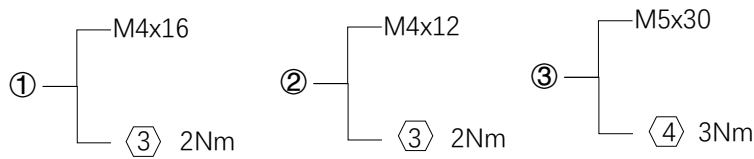
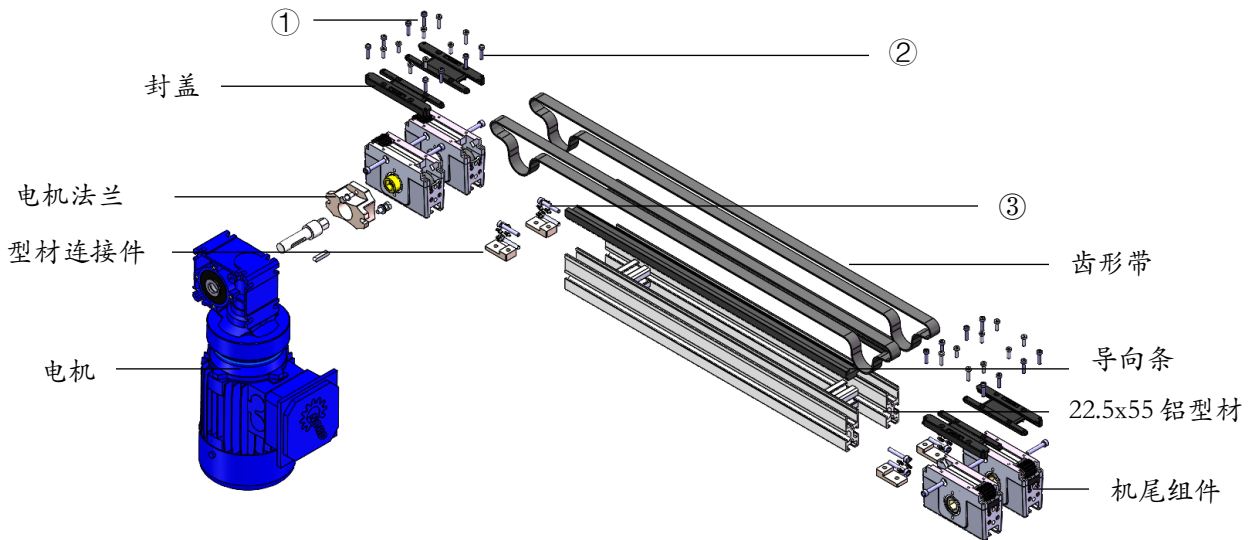
Note: The figure shows the installation position of motor L011A.

注: 图为电机 L011A 的安装位置。

安装步骤 Installation steps

A Install the conveying section as shown in the following diagram.

A 按下图所示，安装输送段。



Note:

When installing the belt, the direction of the belt connection should be consistent with the direction of the line operation.

请注意：

安装皮带时，皮带接驳朝向应与线体运行方向保持一致。

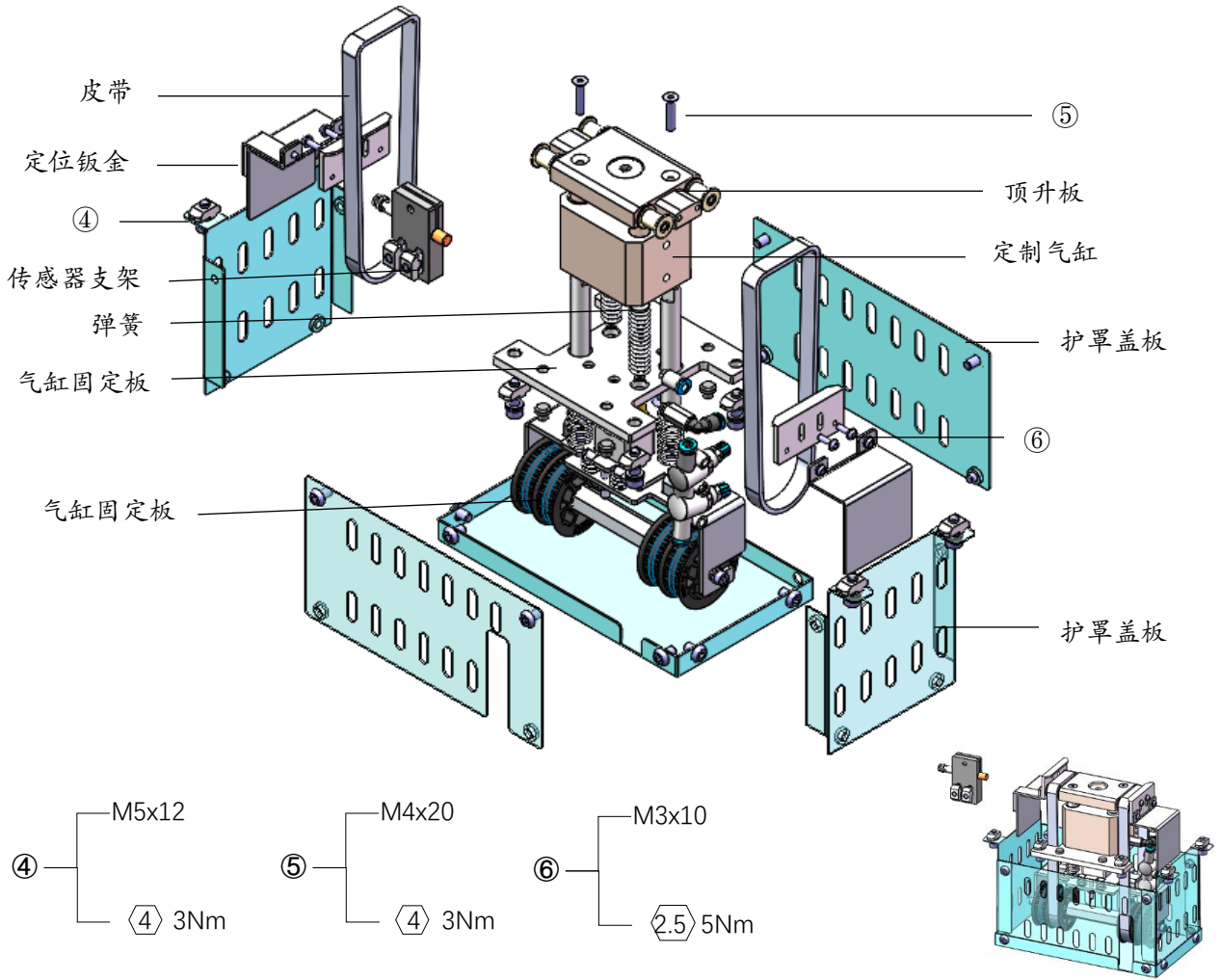
产品特征

安装步骤

维护保养

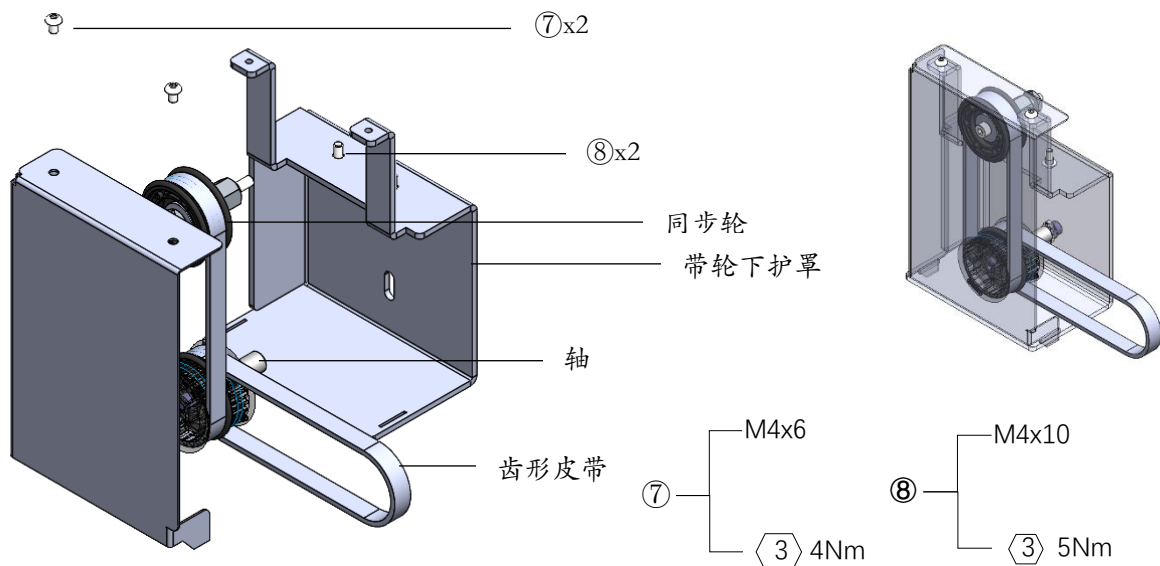
B Install the lateral component as shown in the following diagram.

B 按下图所示，安装横移组件。



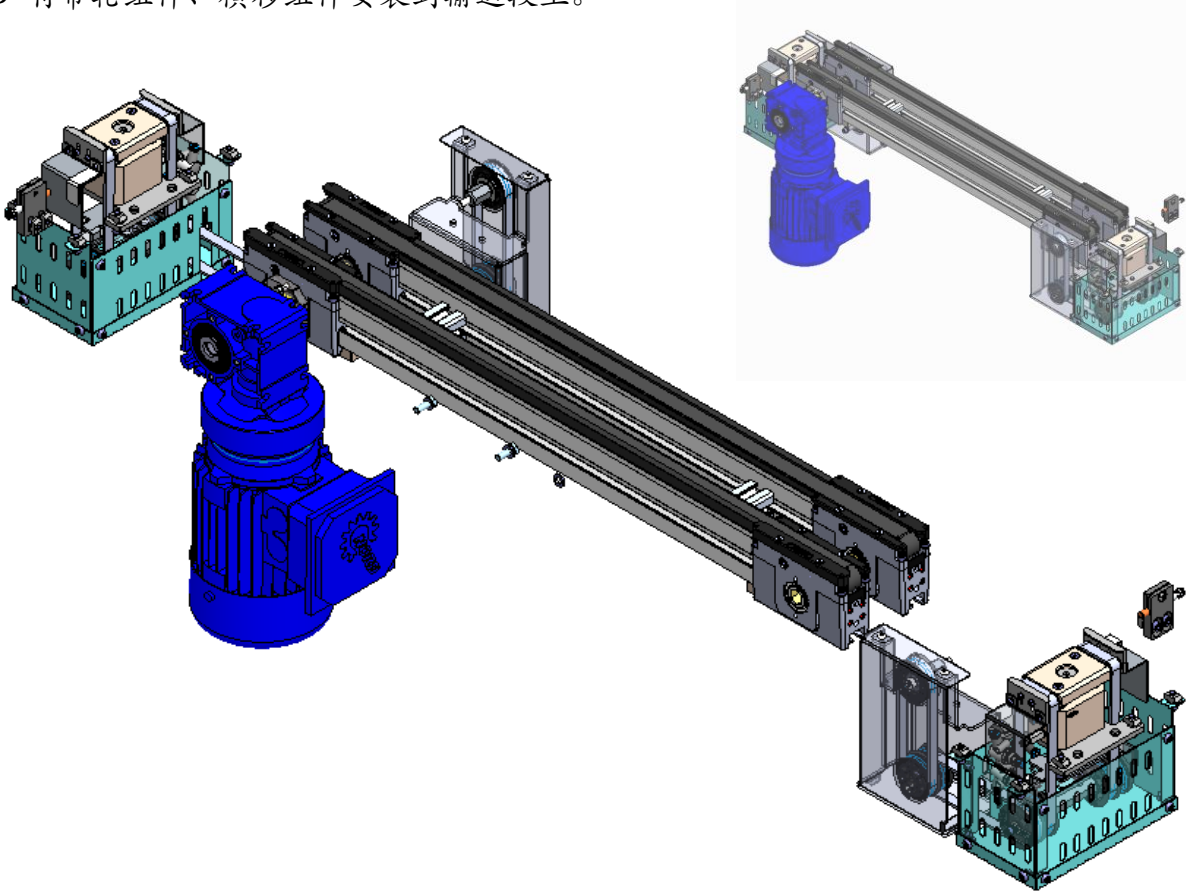
C Install the pulley assembly as shown in the following diagram.

C 按下图所示，安装带轮组件。



D Install the pulley component and the lateral moving component onto the conveying section.

D 将带轮组件、横移组件安装到输送段上。



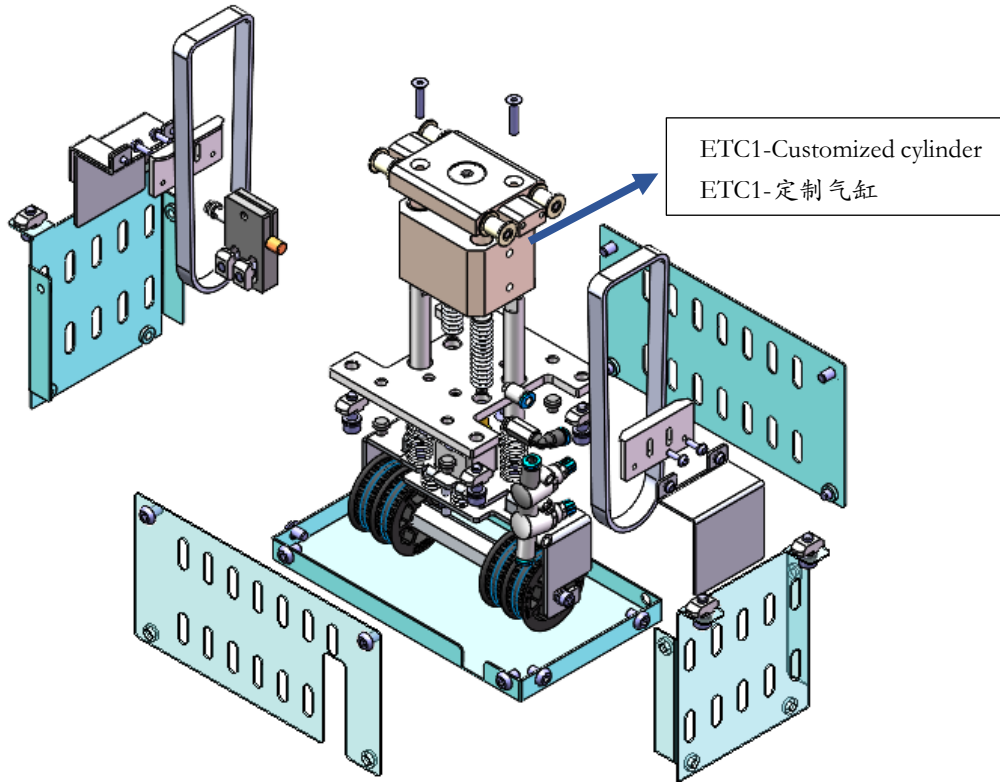
产
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特
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安
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维
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E Electric components, pneumatic components.

E 电动元件、气动元件。



产品特征

安装步骤

维护保养

Maintenance 维护和保养

The UTS series tray conveying system requires regular maintenance and upkeep to extend the service life of the line. The conveying equipment should be kept clean to avoid direct sunlight or rain or snow, and to prevent contact with substances such as acids, alkalis, oils, organic solvents, etc.

UTS 系列托盘输送系统需按周期进行规定的保养维护工作，以延长线体使用寿命。输送设备应保持清洁避免阳光直射或雨雪浸淋，防止与酸、碱、油类、有机溶剂等物质接触。维护前需关闭对应的能源供给。

Daily Maintenance

日维护

Regularly clean the conveyor line. Before starting the machine every day, it is necessary to clean the floating dust, falling small parts, and other obstacles on the chain and wire body to prevent dust and dirt from affecting the operation of the wire body. When cleaning the machine head, it is necessary to remove the upper cover of the machine head and use an air gun to remove any accumulated dust inside. During trial operation, check all parts of the conveyor line for abnormalities, such as loose bearings or abnormal noise. Once any abnormalities are found, repair and replace them immediately. The steel wheel chain needs to be lubricated daily.

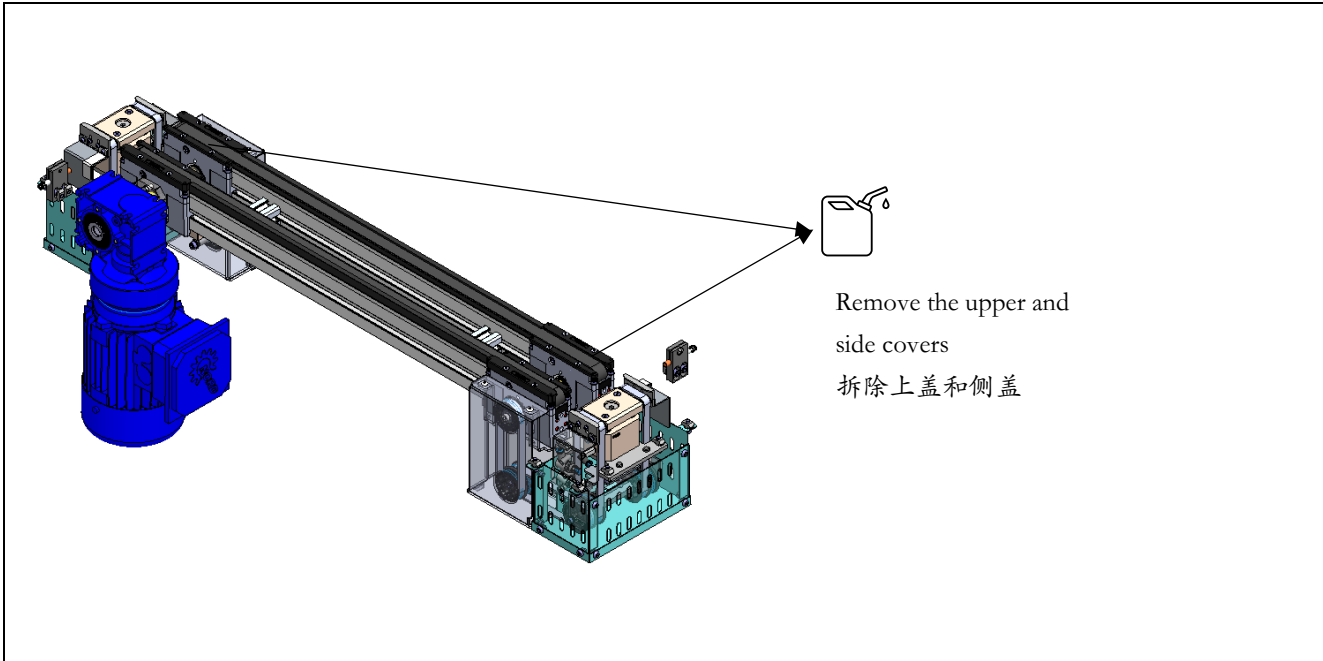
定期清洁输送线。每日开机前需清理链条及线体上的浮尘、掉落的小零件及其他障碍物，防止积尘和污垢影响线体运行。在清洁机头时，需拆掉机头上盖，用气枪清除里面积压的灰尘。试运行，检查输送线的各部位是否有异常，如轴承有无松动或异常噪音，一旦发现异常应即使维修和更换。钢制轮链条需每日润滑。

Weekly Maintenance

周维护

Regularly inspect the accessories on the conveyor line body. For easily damaged parts such as sprockets, bearings, and idlers, regular inspection, maintenance, and lubrication are required. If damage or looseness is found, it must be replaced immediately. Check if the fasteners on the wire body are loose and tighten them in a timely manner.

定期检查输送线体上的附件。对于链轮、轴承、惰轮等容易损坏的零件，需定期检查、保养和润滑。发现损坏和松动须立即更换。检查线体上的紧固件是否有松动情况，及时紧固。



Remove the upper and side covers
拆除上盖和侧盖

Quarterly maintenance
季度维护

Check if the guide strip and friction strip are severely worn or deformed, and replace them in a timely manner. Confirm that the running condition is good, observe if the chain is loose, and if there is any looseness, shorten the chain length by removing the chain link.
检查导向条、磨擦条是否磨损严重或者变形，并及时更换。确定运行状况良好，观察链条是否松弛，如有松动，可通过去除链节的方式缩短链条长度。

Disclaimer
免责声明

The customer shall inspect the equipment regularly. If the customer fails to maintain the conveyor as the state above, leading to any malfunction or damage to the conveyor, our company will not be responsible for it, all related costs (including material costs, installation and commissioning fees, and hotel expense) shall be borne by the customer.
客户应定期对设备进行检查。若客户未按要求对输送机进行维护，进而导致输送机发生任何故障或损坏，我司将不承担相关责任，由此产生的相关费用（材料费，安装调试费，差旅费）均由客户承担。

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