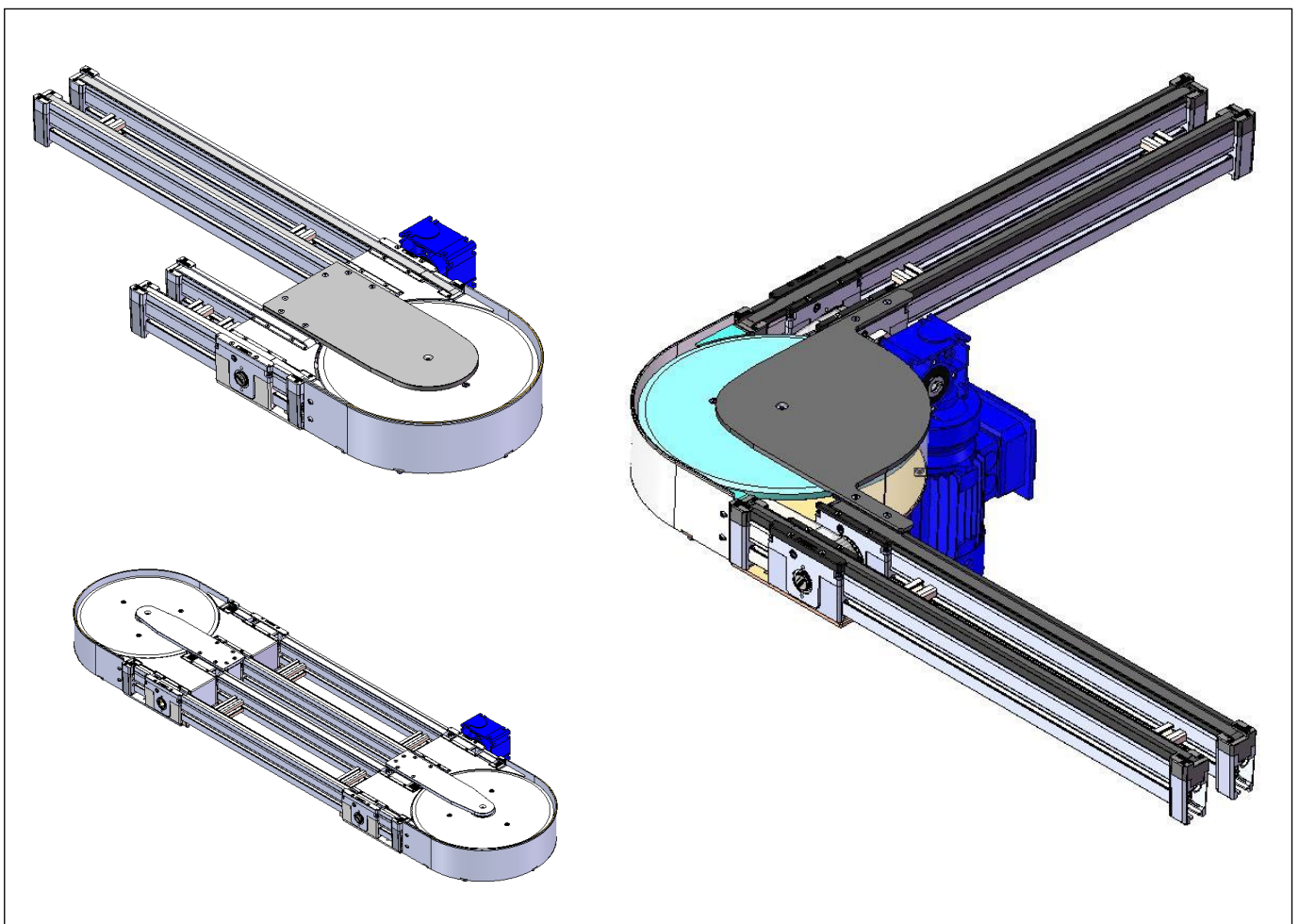


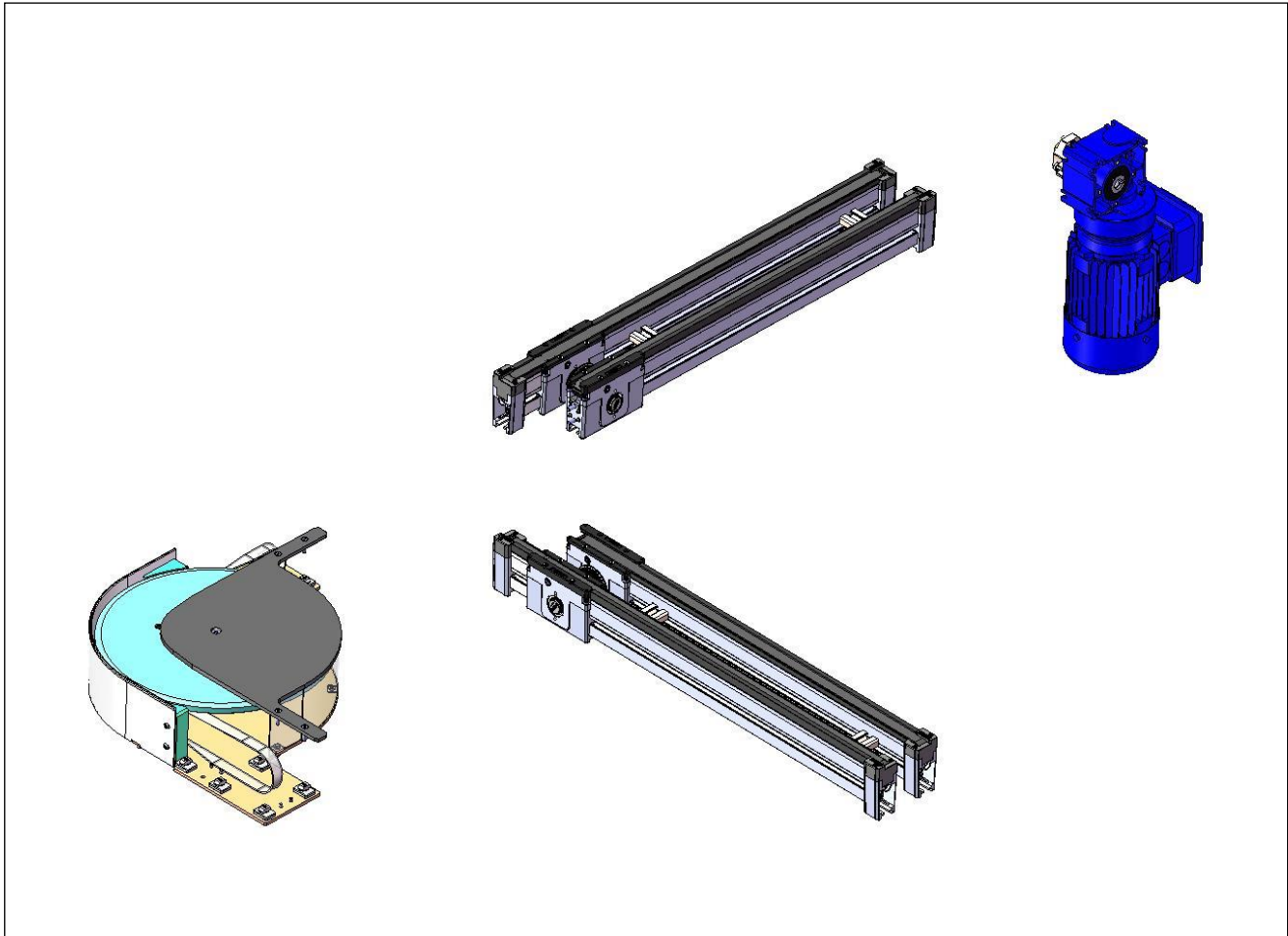
CRU1 Circular Curve
Instruction & Maintenance Manual
CRU1 圆盘弯道安装使用维护手册



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 CRU1/90 type is used for transporting workpiece trays in 90° bends, the CRU1/180 type is used for transporting workpiece trays in 180° bends, and the CRU1/360 type is used for transporting workpiece trays in 360° bends.

1、圆盘弯道 CRU1/90 型用于 90° 弯道运输工件托盘，CRU1/180 型用于 180° 弯道运输工件托盘，CRU1/360 型用于 360° 弯道运输工件托盘。

2. The conveying medium is a turntable.

2、输送介质为转盘。

3. The maximum conveying section load of CRU1/90 and CRU1/180 models is 30kg; CRU1/360 maximum conveying section load: 24kg (single drive); 30kg (dual drive).

3、CRU1/90 型、CRU1/180 型最大输送段负载 30kg；CRU1/360 型最大输送段负载：24kg（单驱动）；30kg（双驱动）。

4. All three types cannot be run in reverse.

4、三种类型皆不可进行反向运行。

5. The bend allows multiple pallets to stack and run.

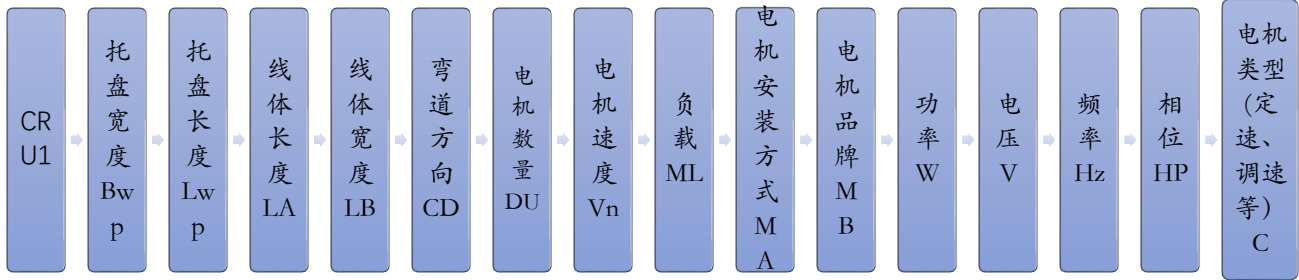
5、弯道允许多个托盘堆积运行。

产品特征

安装步骤

维护保养

Model Description 型号说明

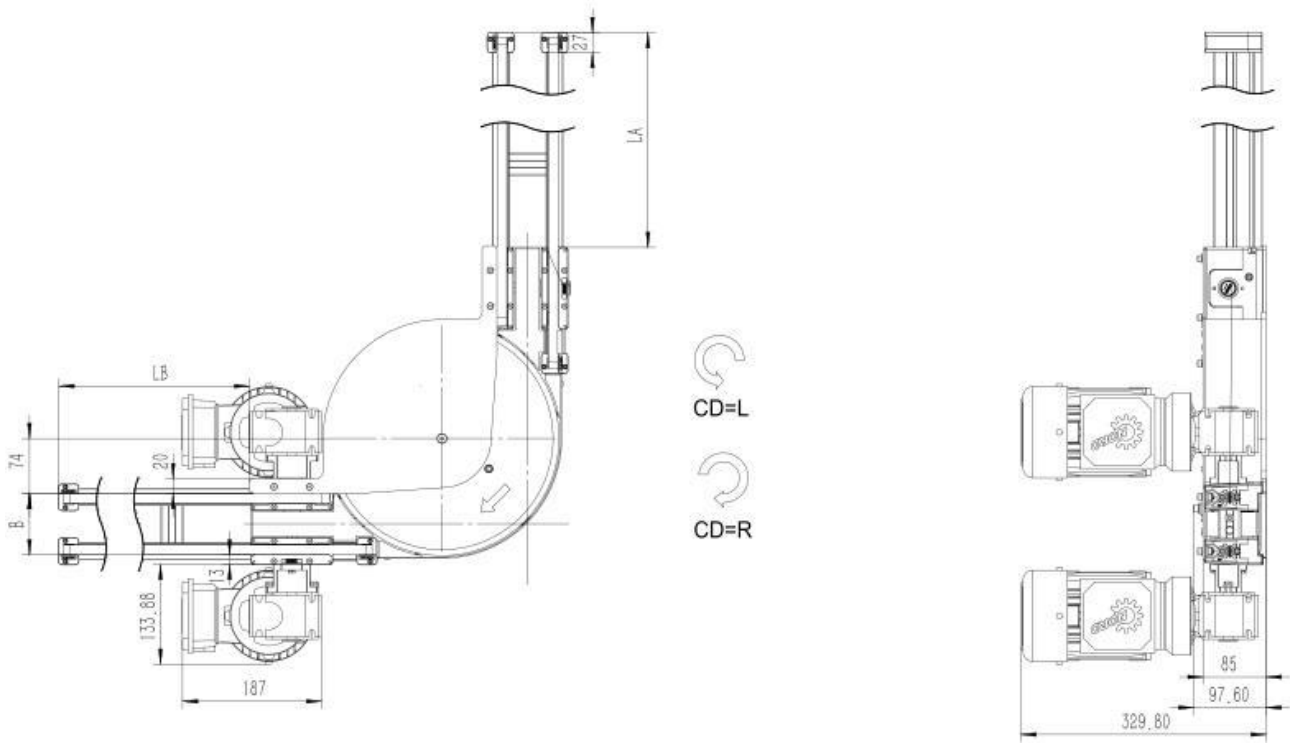


例: CRU1/90-Bwp80-Lwp80-LA2320-LB660-CDR-Vn20-ML3kg, MA=L012A,MB=NORD-120W-220V-50Hz-3HP-C0

参数说明 Parameter Description

The model CRU1/90-CRU1/90-Bwp80-Lwp80-LA2320-LB660-CDR-Vn20-ML3kg, MA=L012A,MB=NORD-120W-220V-50Hz-3HP-C0 representing a tray width of 80mm, tray length of 80mm, line length of 2320mm, line width of 660mm, bend direction to the right, running speed of 20m/min, running load of 3kg, motor installation position of L012A, motor brand of NORD, power of 120W, voltage of 380V, frequency of 50Hz, phase of 3.

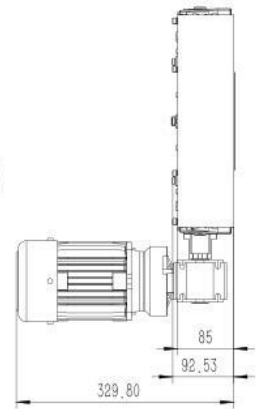
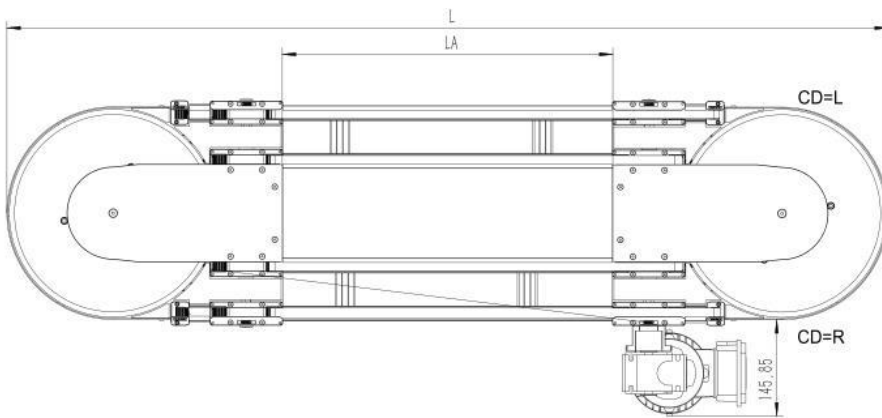
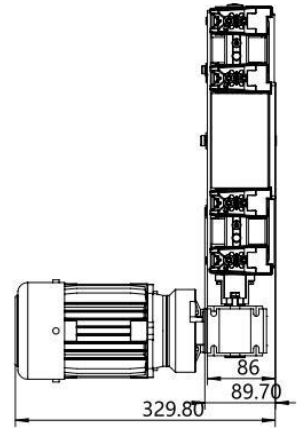
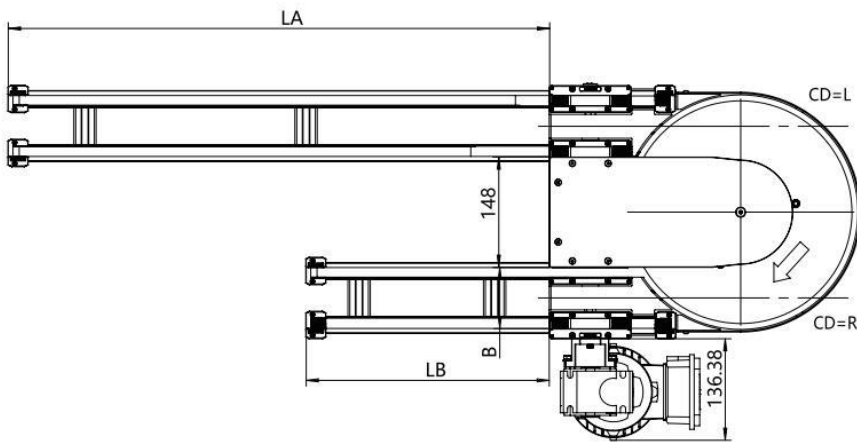
型号 CRU1/90-CRU1/90-Bwp80-Lwp80-LA2320-LB660-CDR-Vn20-ML3kg, MA=L012A,MB=NORD-120W-220V-50Hz-3HP-C0, 表示托盘宽度 80mm,托盘长度 80mm,线体长度 2320mm, 线体宽度 660mm, 弯道方向为右, 运行速度 20m/min, 运行负载 3kg, 电机安装位置为 L012A, 电机品牌为 NORD,功率为 120W,电压为 380V, 频率为 50Hz, 相位为 3。



产品特征

安装步骤

维护保养



产品特征

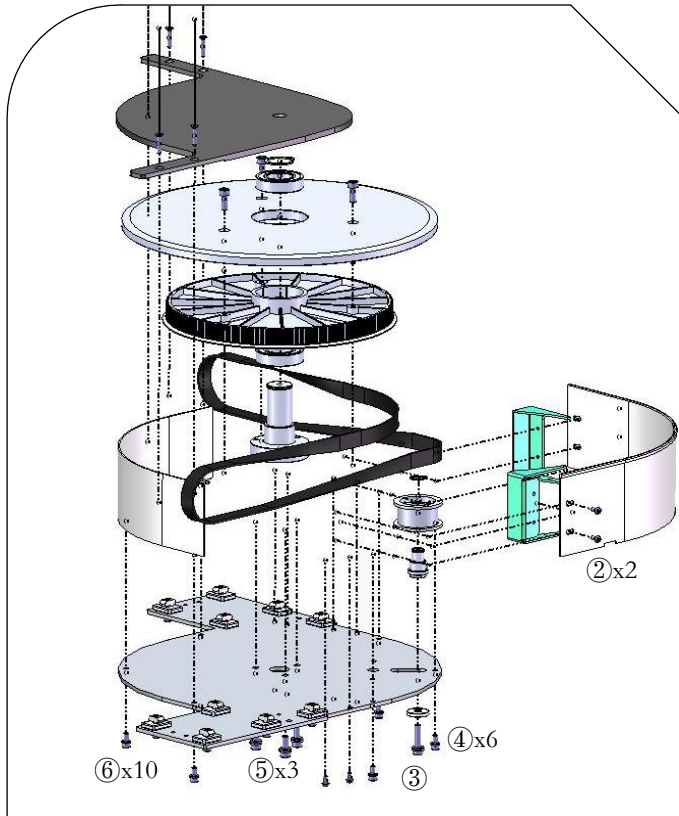
安装步骤

维护保养

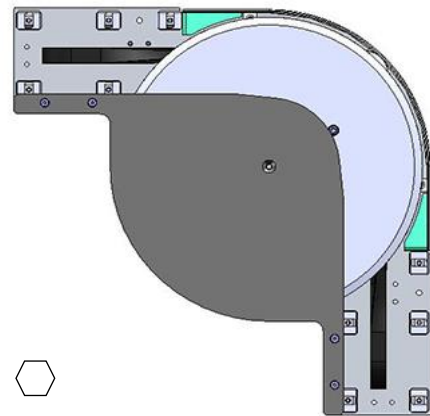
安装步骤 Installation steps

A Assemble the circular belt bending frame, taking RBC1-90 as an example in the following figure, and operate RBC1-180 in the same way.

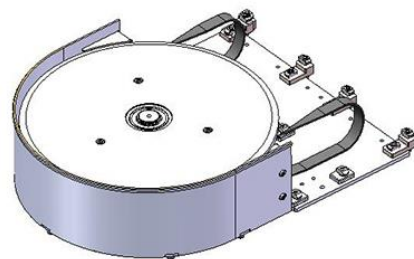
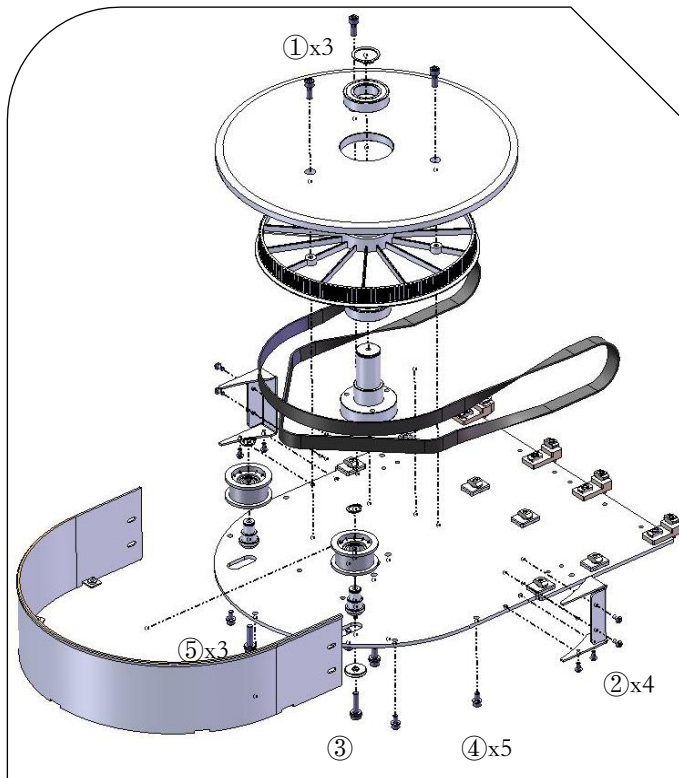
A 组装圆盘弯道框架。



- ① — M6x16
⑥ 5Nm
- ② — M4x8
④ 5Nm
- ③ — M6x25
⑥ 13Nm
- ④ — M5x10
⑤ 5Nm
- ⑤ — M6x16
⑥ 13Nm
- ⑥ — M5x16
⑤ 8Nm



- ① —
- ② — M4x8
④ 5Nm
- ③ — M6x25
⑥ 13Nm
- ④ — M5x10
⑤ 5Nm
- ⑤ — M6x16
⑥ 13Nm



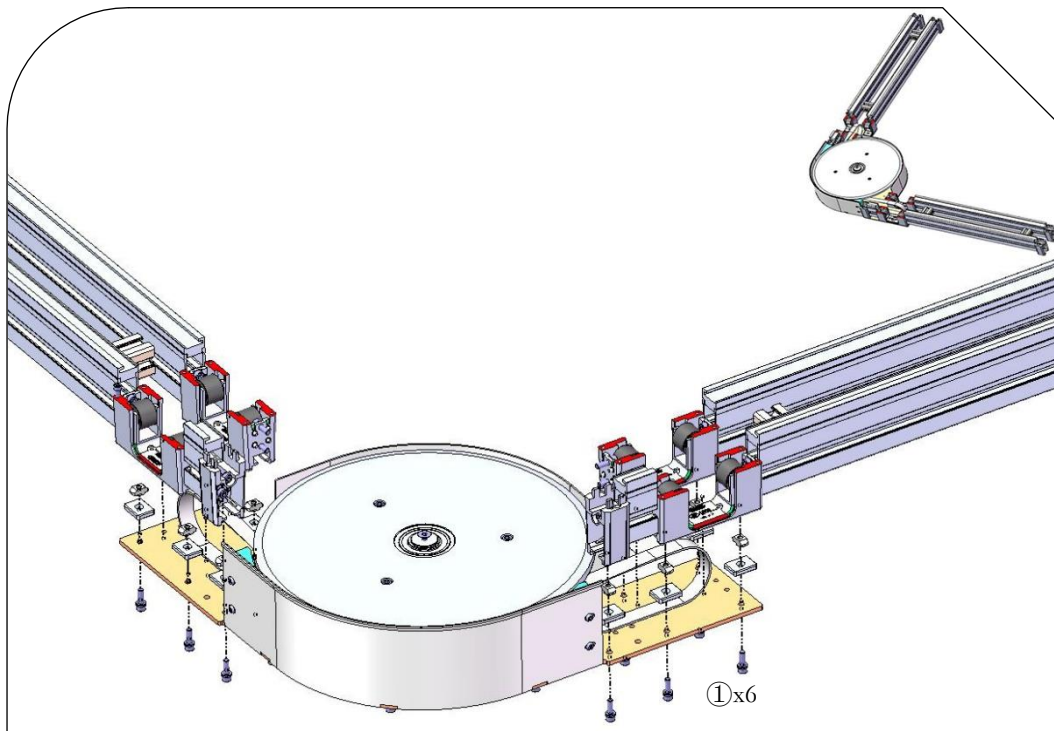
产品特征

安装步骤

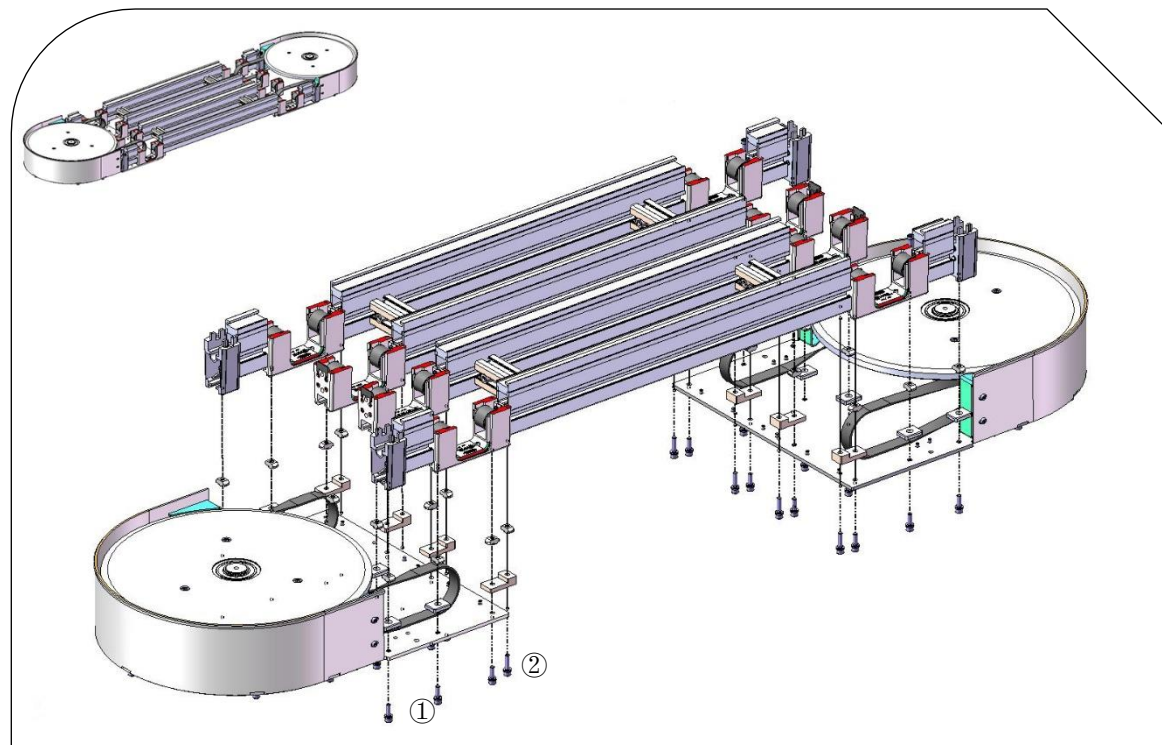
维护保养

B Connect the wire body frame. The assembly of the wire frame can refer to the installation, use, and maintenance manual of TBC1.

B 连接线体框架。线体框架的组装可参考 TBC1 的安装使用维护手册。



① — M5x16
⑤ 8Nm

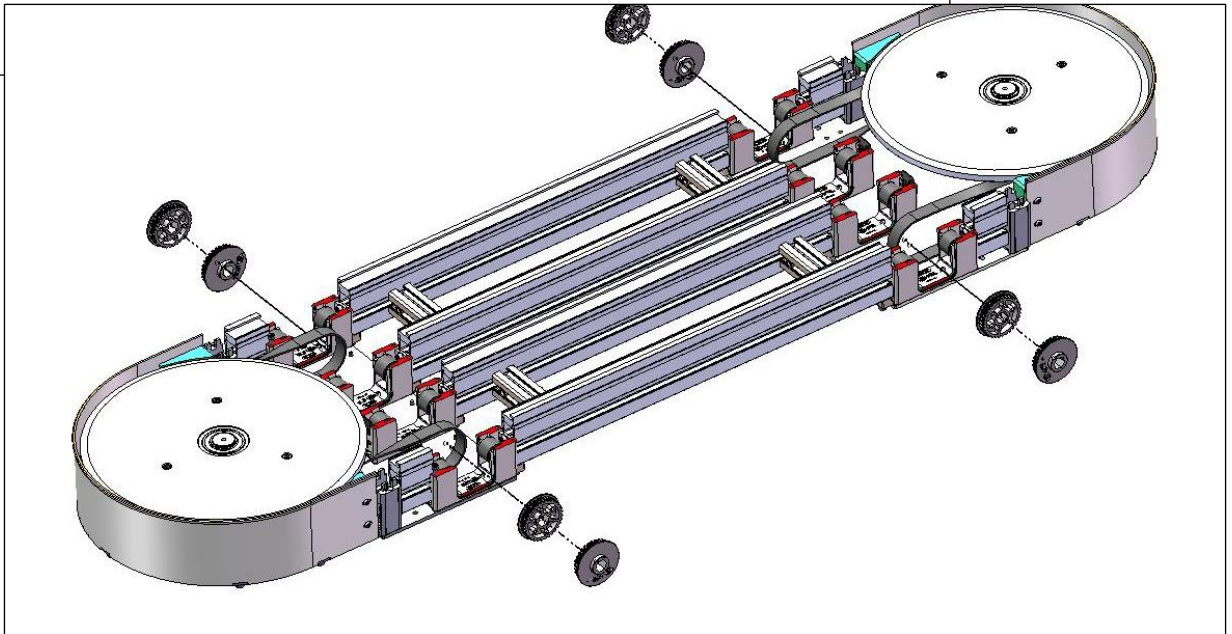
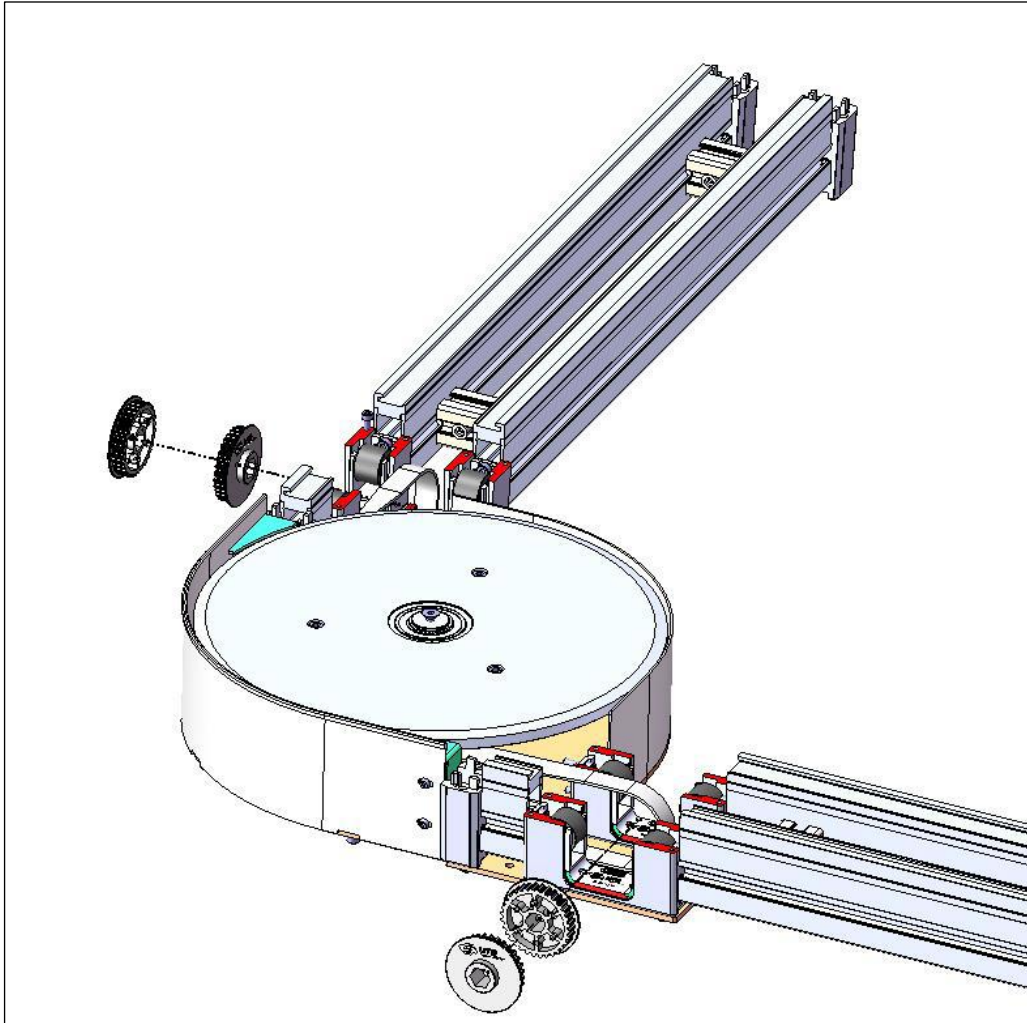


① — M5x16
⑤ 8Nm

② — M5x20
⑤ 8Nm

C Install the synchronous wheel.

C 安装同步轮。



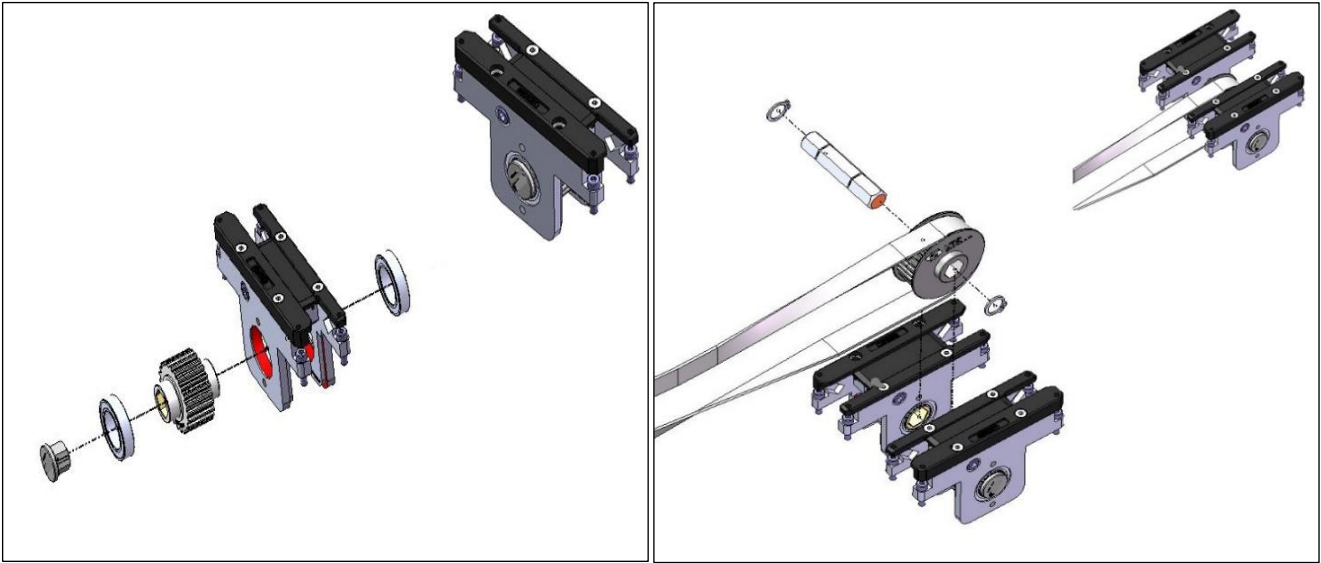
产品特征

安装步骤

维护保养

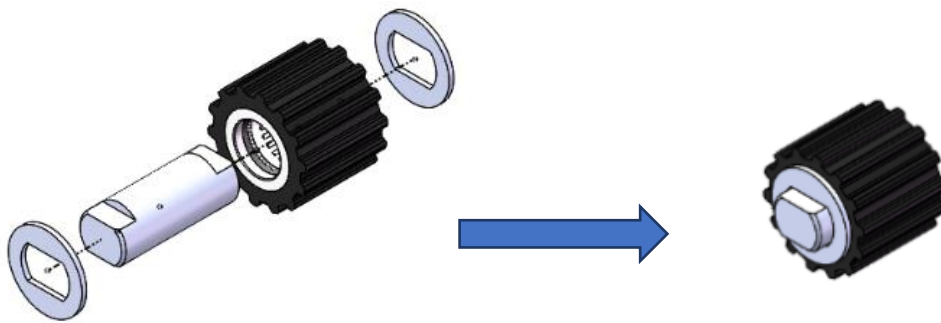
D pre assembled T-shaped bearing seat with synchronous wheel assembly.

D 预组装 T 型轴承座带同步轮组件。



E Assemble the bend.

E 组装弯道。



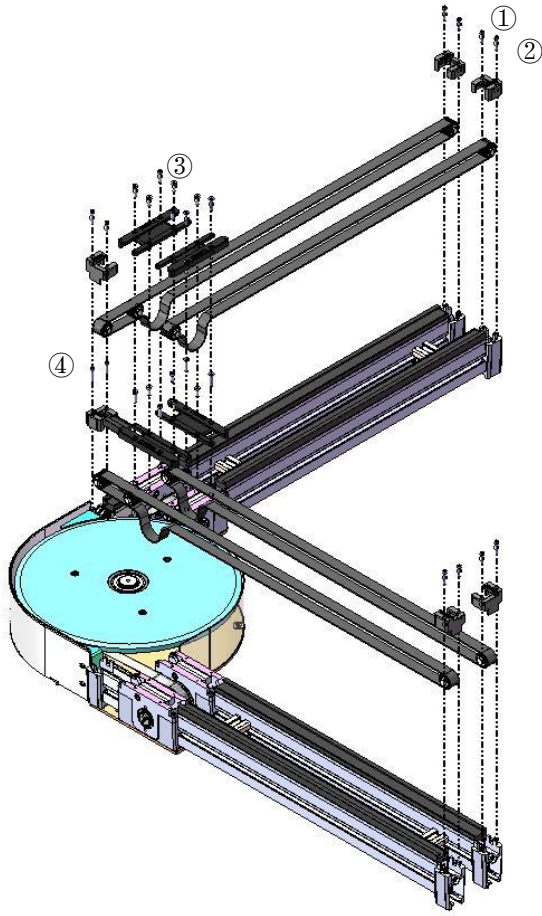
Pulley pre installation

滑轮预装

产品特征

安装步骤

维护保养



① — M3x16
③ 8Nm

② — M3x20
③ 8Nm

③ — M4x12
④ 8Nm

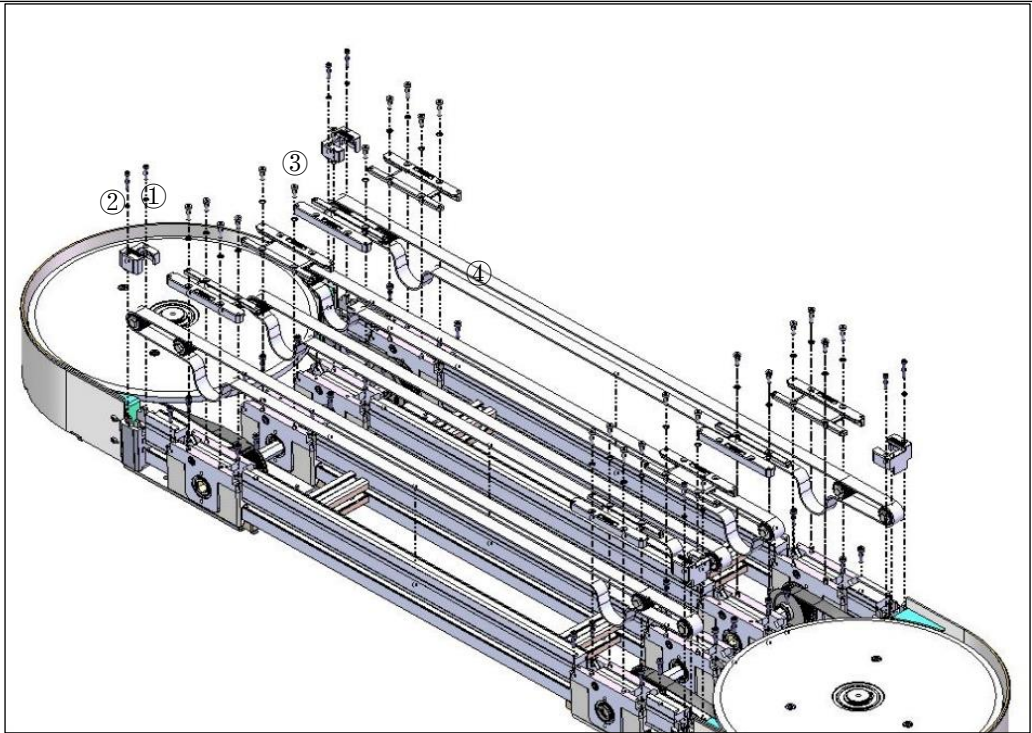
④ — M4x16
④ 8Nm

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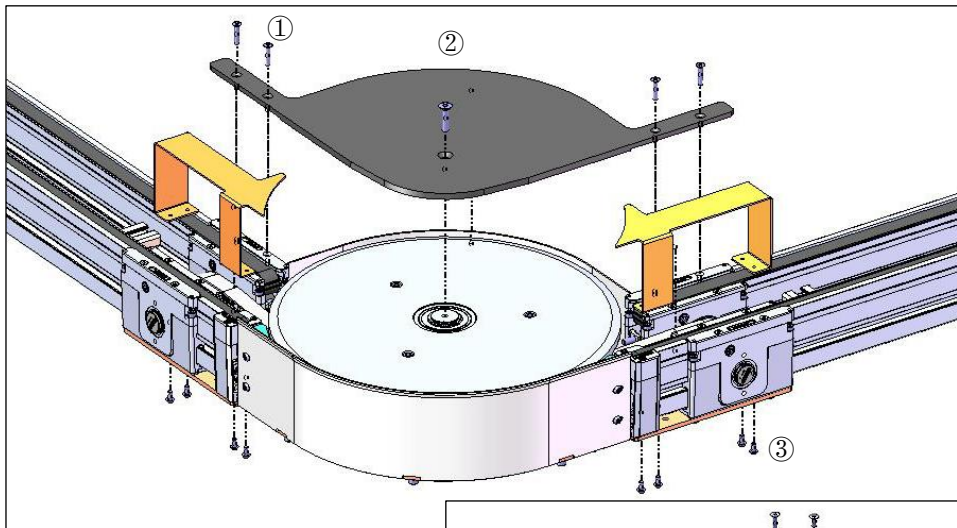
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- ① — M3x16
③ 8Nm
- ② — M3x20
③ 8Nm
- ③ — M4x12
④ 8Nm
- ④ — M4x16
④ 8Nm



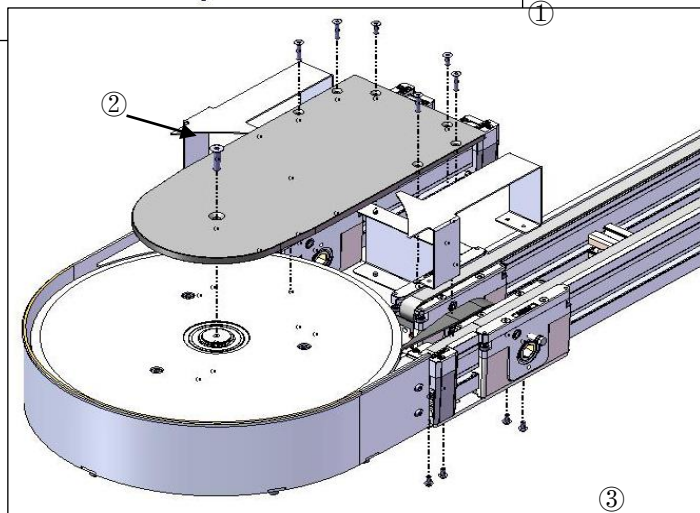
F Install the shield plate.

F 安装护罩板。



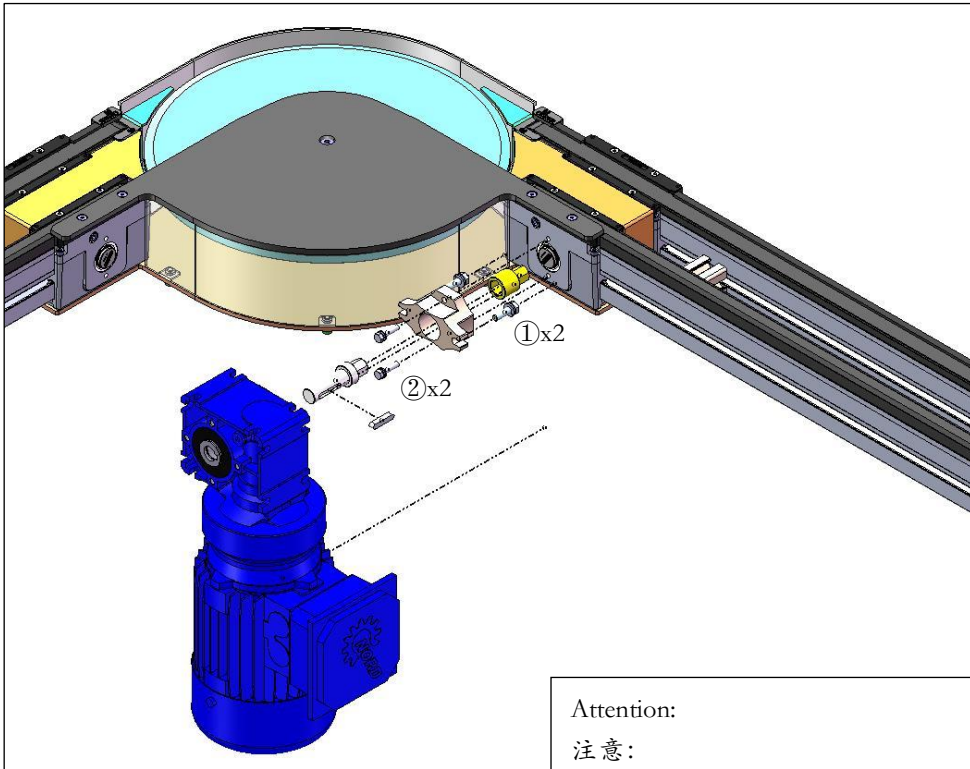
- ① — M4x20
④ 8Nm
- ② — M6x25
⑥ 13Nm
- ③ — M5x16
⑤ 8Nm

- ① — M4x20
④ 8Nm
- ② — M6x25
⑥ 13Nm
- ③ — M5x16
⑤ 8Nm



D Install the motor.

D 安装电机。



- ① — M6x20
⑥ 8Nm
- ② — M5x20
⑤ 8Nm

Attention:
注意:

1. The motor should be installed firmly and not tilted.
- 1、电机安装稳固不能倾斜。
2. The direction of the motor and junction box must meet the technical requirements.
- 2、电机与接线盒方向必须符合技术要求。

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。试运行前，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.

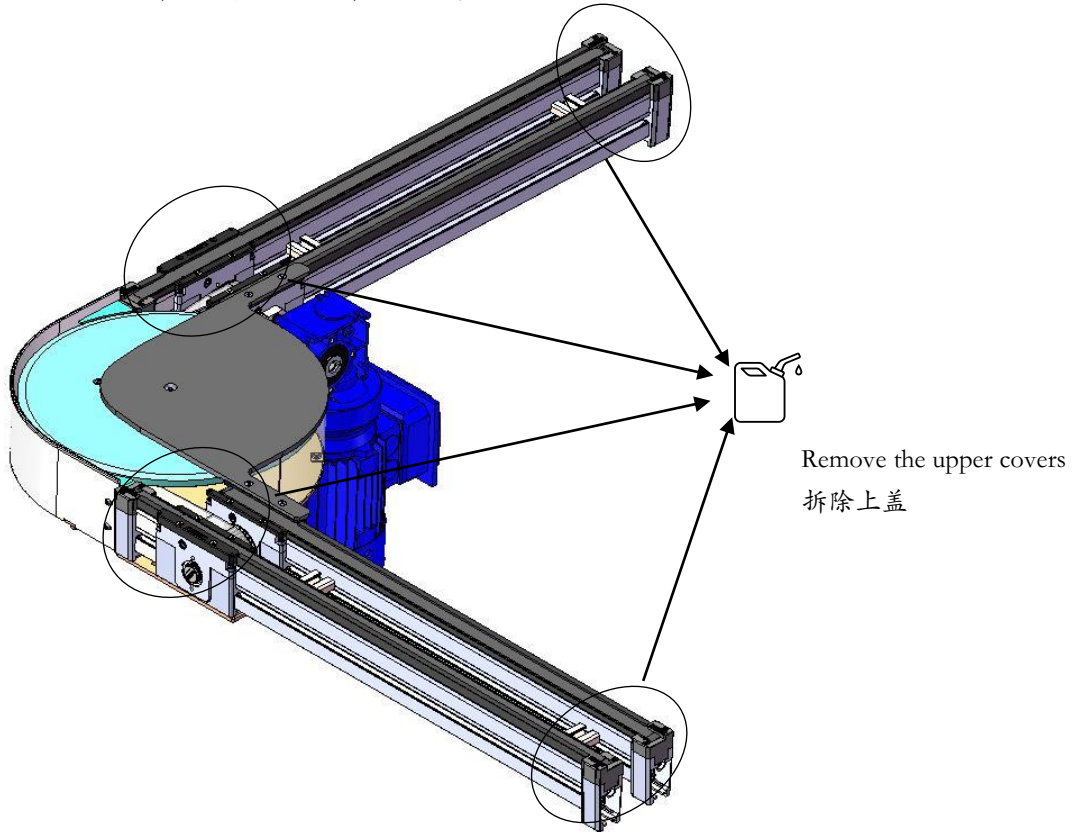
定期检查输送线体上的附件。对于链轮、轴承、惰轮等容易损坏的零件，需定期检查、保养和润滑。发现损坏和松动须立即更换。检查线体上的紧固件是否有松动情况，及时紧固。

Monthly Maintenance

月维护

Regularly clean motor bearings, check for wear, and replace lubricating oil in a timely manner. (It is necessary to replenish the oil at any time based on the on-site operating conditions and the degree of oil volatilization. Under normal operation, the lubricating oil can be replaced every six months.)

对于电机轴承等定期清洗，检查磨损情况，及时更换润滑油。（需根据现场运行状况及油脂挥发程度进行随时补油，正常运行下，可六个月更换一次润滑油。）



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.

检查导向条、磨擦条是否磨损严重或者变形，并及时更换。

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。

产品特征

安装步骤

维护保养

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