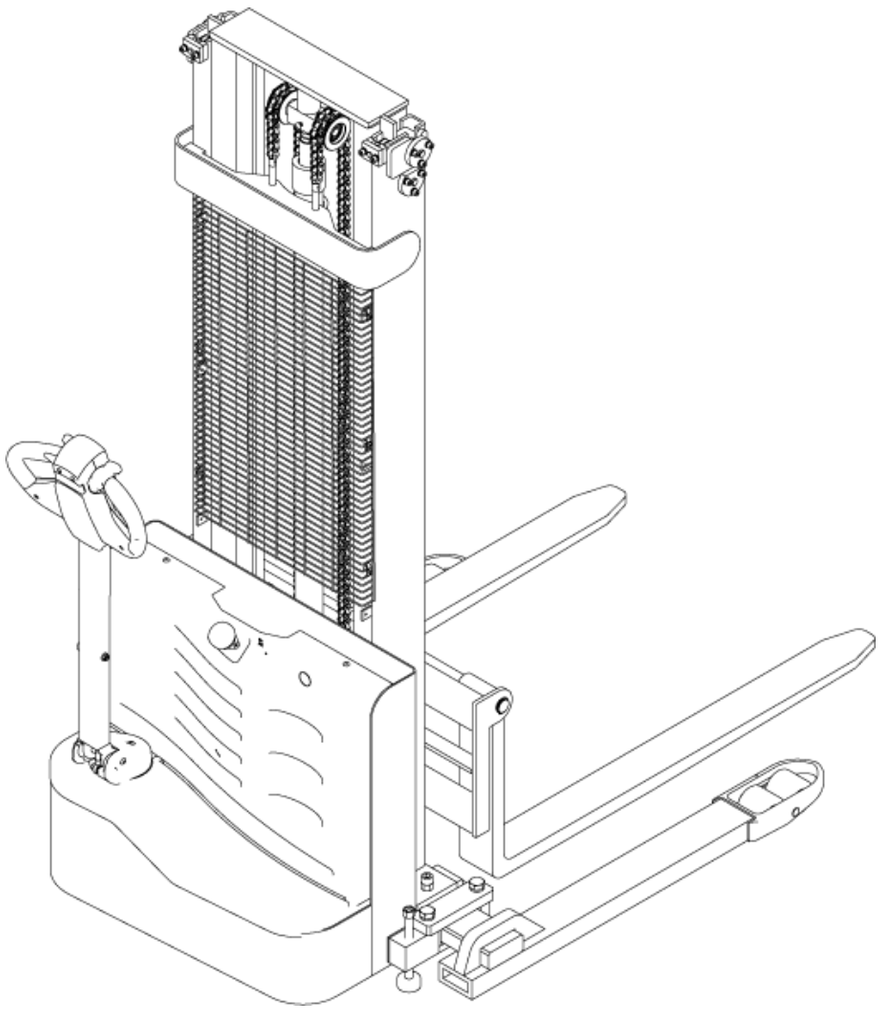
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CHL/HELI CDD12J-K | 20210726 V05 | Справочная копия



# CDD12J-K

# CDD-J-K 型电动堆垛车

# Electric Stacker

零件目录 Parts Manual

20210726 V05

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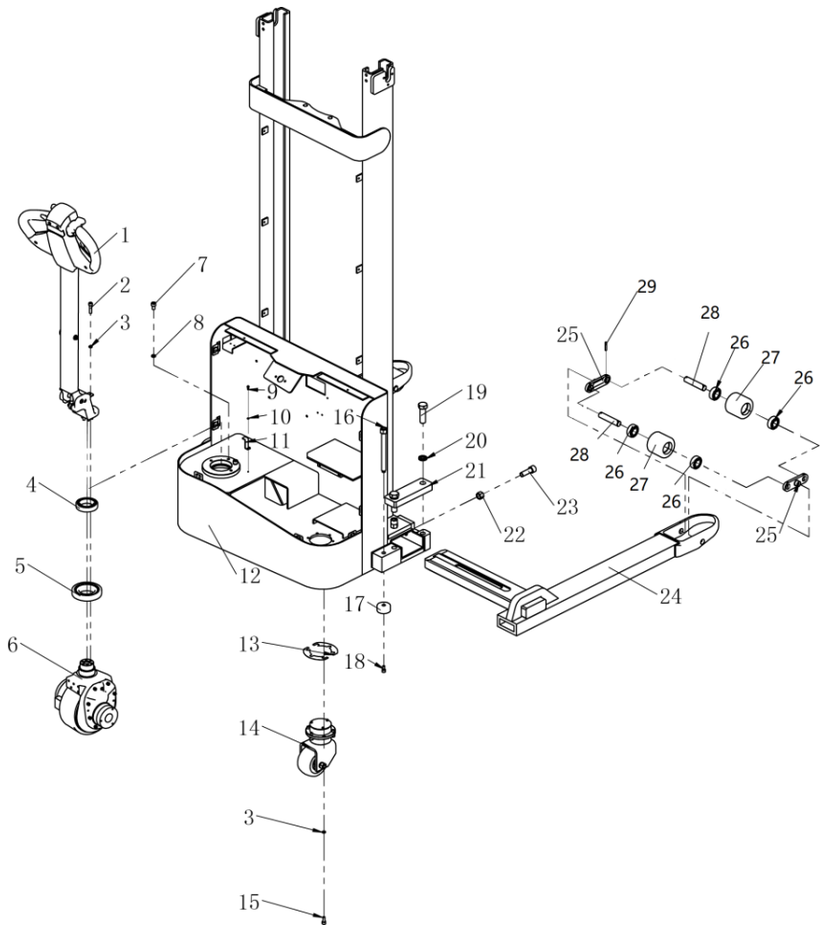
# 修订记录

| 版　　本 | 修订人 | 修订事项 |
|---|---|---|
| 20200327 V01 | 蒋连杰 | 首次发布； |
| 20200720 V02 | 蒋连杰 | ①：4.3 新增油缸组件图；<br>②：4.2 新增动力单元图；<br>③：3.2 新增大手柄图；<br>④：3.4 新增手柄头总成（智能）图；<br>⑤：4.101 取消代码 03.0179 螺钉 M8×12、03.0012 弹垫Φ8、03.0050 平垫Φ8，新增代码 03.0111 螺钉 M10×16；<br>⑥：4.101 代码 02.DLDY.01510 动力单元更改为代码 02.DLDY.3983 动力单元； |
| 20201106 V03 | 沈培彦 | ①：3.301 代码 02.QTH.3634 气弹簧更改为代码 02.QTH.2219 气弹簧； |
| 20210522 V04 | 沈培彦 | ①：5.101 代码 02.KZQ.2151 控制器 1212P 更改为代码 02.KZQ.2167 控制器 1212P； |
| 20210726 V05 | 赵函涛 | ①：版本格式整体调整； |

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## 1.车身系统 Body System

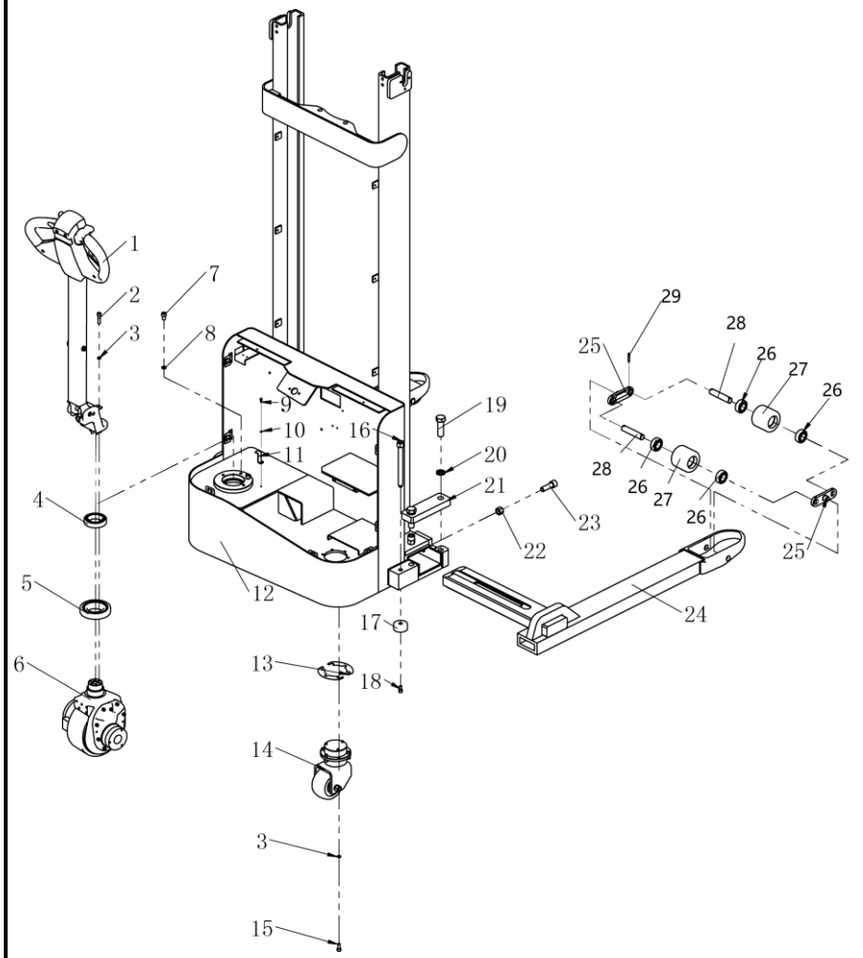
### 1.1 车架系统 Mono Mast Frame System




| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | 82.33.0004 | 手柄组件 | Handle Components | 1 | | |
| 1 | | 82.33.0013 | 手柄组件(智能) | Handle Components(REMA) | 1 | | Option |
| 2 | | 03.0158 | 螺钉 M8×35 | Screw | 6 | | |
| 3 | | 03.0012 | 弹垫Φ8 | Spring Washer | 12 | | |
| 4 | | 03.90.018 | 轴承 6010 | Bearing | 1 | | |
| 5 | | 03.90.023 | 轴承 30212 | Bearing | 1 | | |
| 6 | | 02.QD.0085 | 驱动总成 | Driving Assembly | 1 | | |
| 7 | | 03.0162 | 螺钉 M10×16 | Screw | 2 | | |
| 8 | | 03.0014 | 弹垫Φ10 | Spring Washer | 2 | | |
| 9 | | 03.0123 | 螺钉 M4×10 | Screw | 1 | | |
| 10 | | 03.0008 | 弹垫Φ4 | Spring Washer | 1 | | |
| 12 | | 30.01.2428 | 支座 | Abutment | 1 | | |
| 12 | | 33.014.0023 | 车架 1.6m | Frame | 1 | | Option |
| 12 | | 33.014.0024 | 车架 2.0m | Frame | 1 | | |
| 12 | | 33.014.0025 | 车架 2.5m | Frame | 1 | | Option |
| 12 | | 33.014.0026 | 车架 3.0m | Frame | 1 | | Option |
| 13 | | 33.014.0027 | 车架 3.5m | Frame | 8 | | Option |
| 14 | | 30.27.0012 | 安装卡板 | Install The Card | 1 | | |
| 15 | | 81.011.001 | 平衡轮 | Balance Wheel | 6 | | |
| 16 | | 03.0154 | 螺钉 M8×20 | Screw | 2 | | |
| 17 | | 33.040.0004 | 螺杆 | Screw | 2 | | |
| 18 | | 30.01.6551 | 垫块 | Heel | 2 | | |
| 19 | | 03.0153 | 螺钉 M8×16 | Screw | 4 | | |
| 20 | | 03.077 | 螺栓 M20×65 | Bolt | 4 | | |
| 21 | | 03.0018 | 弹垫Φ20 | Spring Washer | 2 | | |
| 22 | | 30.49.0031 | 压板 | Platen | 4 | | |
| 23 | | 03.0260 | 螺母 M16 | Nut | 4 | | |
| 24 | | 03.0199 | 螺钉 M16×50 | Screw | 2 | | |

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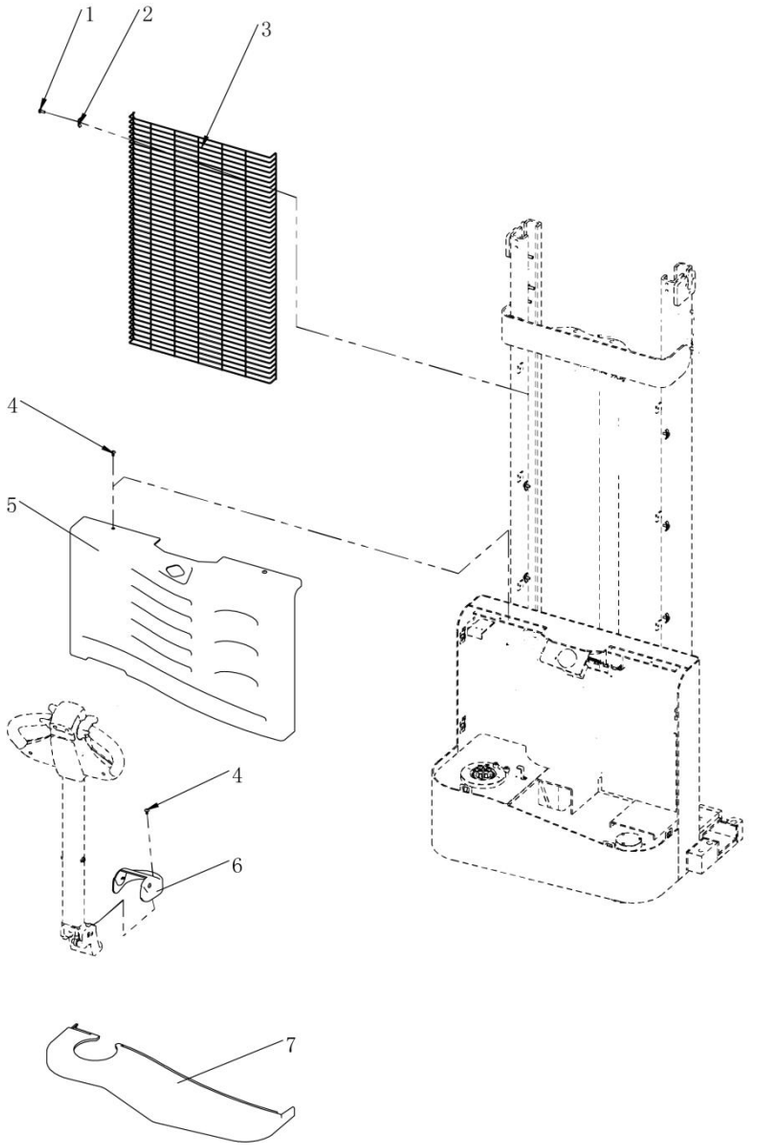
## 1.车身系统 Body System
## 1.1 车架系统 Mono Mast Frame System




| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 25 | | 30.01.1289 | 连板 | Connecting Board | 4 | | |
| 26 | | 03.90.057 | 轴承 6204 | Bearing | 8 | | |
| 27 | | 02.LZ.0064 | 小轮 | Truckle | 4 | | |
| 28 | | 30.01.3459 | 轮轴 | Shaft | 4 | | |
| 29 | | 03.0303 | 圆柱销Φ5×35 | Cylindrical Pin | 8 | | |

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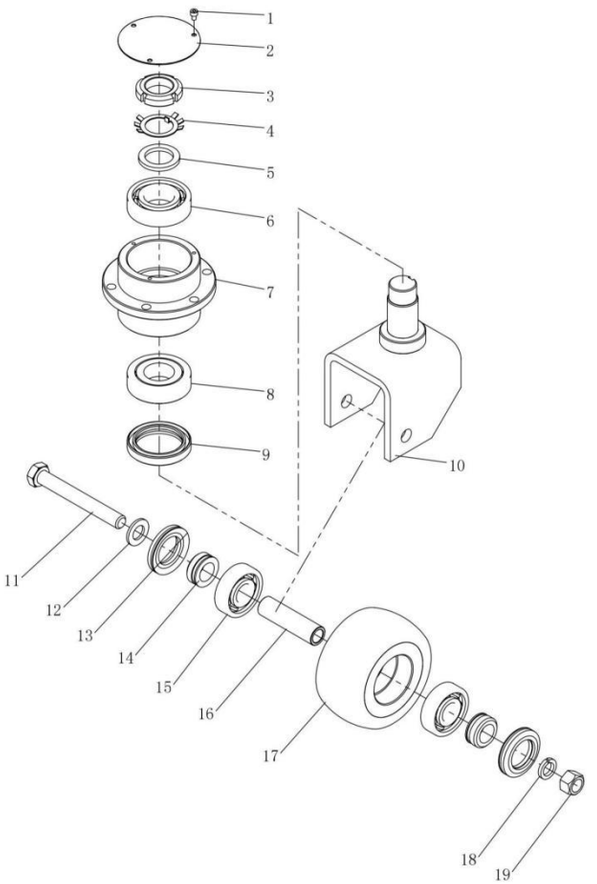
## 1.2 外罩总成 Cover Assembly




| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | 03.0228 | 螺钉 M6×16 | Screw | 6 | | |
| 2 | | 30.01.11511 | 防护罩夹 | Screw | 6 | | |
| 3 | | 30.01.6727 | 网罩 1.6m | Protective Cover | 1 | | Option |
| 3 | | 30.01.3343 | 网罩 2m | Protective Cover | 1 | | |
| 3 | | 30.01.3344 | 网罩 2.5m | Protective Cover | 1 | | Option |
| 3 | | 30.01.3341 | 网罩 3m | Protective Cover | 1 | | Option |
| 3 | | 30.01.2996 | 网罩 3.5m | Protective Cover | 1 | | Option |
| 4 | | 03.0240 | 螺钉 M6×16 | Screw | 5 | | |
| 5 | | 02.FGJ.3391 | 面罩 | Cover Red | 1 | | |
| 6 | | 02.01.3405 | 手柄底罩板 | Handle Bottom Cover Plate | 1 | | |
| 7 | | 02.FGJ.3445 | 底罩 | Base Cover | 1 | | |

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## 1.3 转向轮组件 Caster Assembly

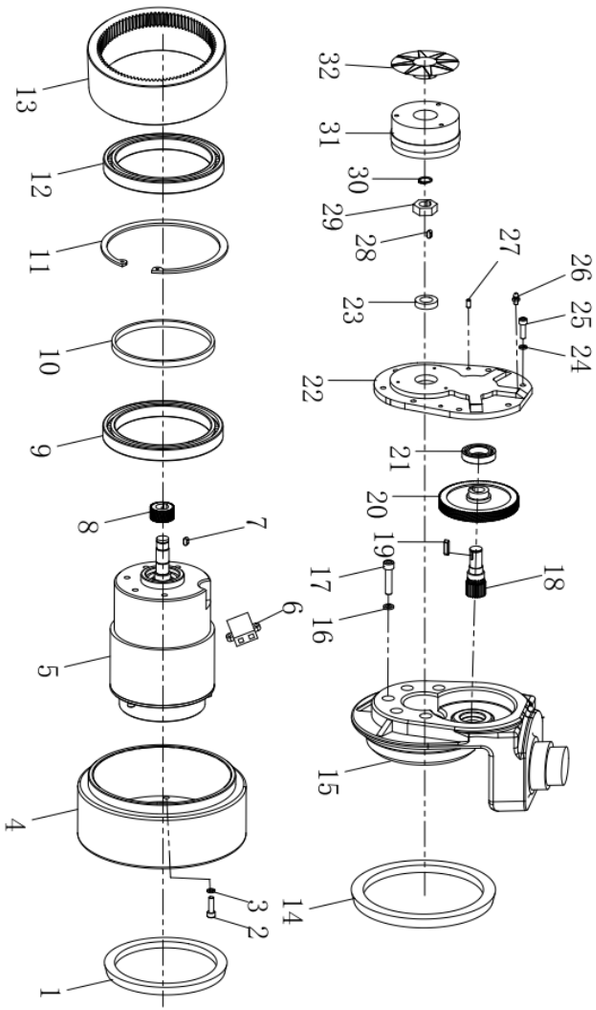



| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | 03.0127 | 螺钉 M4×6 | Screw | 3 | | |
| 2 | | 30.01.1050 | 防尘盖 | Dust Cap | 1 | | |
| 3 | | 03.0290 | 圆螺母 M27×1.5 | Round Nut | 1 | | |
| 4 | | 03.0528 | 止动垫圈Φ27 | Stop Washer | 1 | | |
| 5 | | 30.01.1175 | 垫片 | Pad | 1 | | |
| 6 | | 03.90.017 | 轴承 6206 | Bearing | 1 | | |
| 7 | | 30.01.1752 | 轮座 | Wheel Seat | 1 | | |
| 8 | | 03.90.040 | 轴承 7206 | Bearing | 1 | | |
| 9 | | 03.0490 | 油封 | Oil Seal | 1 | | |
| 10 | | 33.0168 | 轮架 | Wheel Stand | 1 | | |
| 11 | | 03.0362 | 螺栓 M14×110 | Bolt | 1 | | |
| 12 | | 03.0045 | 平垫Φ14 | Flat Washer | 1 | | |
| 13 | | 02.01.3333 | 防尘圈 | Dust Ring | 2 | | |
| 14 | | 30.01.1305 | 侧垫 | Side Cushion | 2 | | |
| 15 | | 03.90.036 | 轴承 6304 | Bearing | 2 | | |
| 16 | | 30.01.1173 | 轴套 | Axle Sleeve | 1 | | |
| 17 | | 02.LZ.0133 | 平衡轮 | Flat Washer | 1 | | |
| 18 | | 03.0016 | 弹垫Φ14 | Spring Washer | 1 | | |
| 19 | | 03.0246 | 螺母 M14 | Nut | 1 | | |

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## 2.驱动系统 Driving System

### 2.1 驱动总成 Driving Assembly

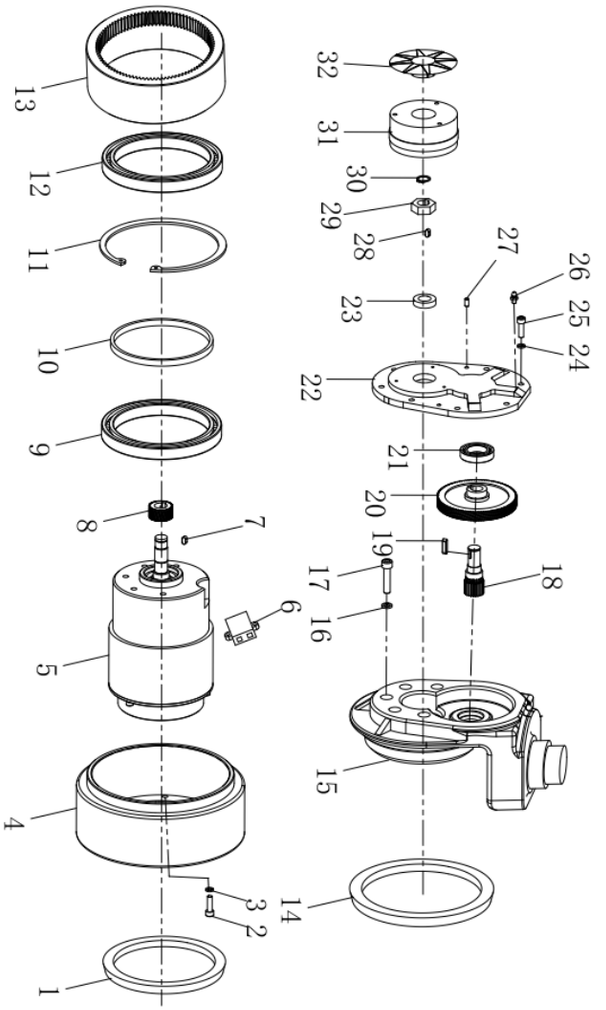



| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | GB/T13871-92 | 油封 | Oil Seal | 8 | | |
| 2 | | 03.01049 | 螺钉 M6×20 | Screw | 8 | | |
| 3 | | 03.0011 | 弹垫Φ6 | Spring Washer | 8 | | |
| 4 | | 1115-220000-0B | 驱动轮 | Driving Wheel | 1 | | |
| 5 | | Z130D750-24A1-26.5S | 电机 | Motor | 1 | | |
| 6 | | JX6-2 | 接线盒 | Connecting Box | 1 | | |
| 7 | | GB/T1096-2003 | 双圆头 | Double-Round Head | 1 | | |
| 8 | | 1115-200005-0B | 斜齿 | Skew Tooth | 1 | | |
| 9 | | GB/T276-94 | 轴承 61824 | Bearing | 1 | | |
| 10 | | ZD-NL-571-001 | 调垫圈 | Adjust The Washer | 1 | | |
| 11 | | GB/T 893.1-86 | 孔用挡圈Φ150 | Circlip For Hole | 1 | | |
| 12 | | GB/T276-94 | 轴承 61824 | Bearing | 1 | | |
| 13 | | 1115-200002-0B-X | 直齿圈 | Straring | 1 | | |
| 14 | | GB/T13871-92 | 油封 | Oil Seal | 1 | | |
| 15 | | ZD-SJ-504-001 | 箱体 | Box | 1 | | |
| 16 | | 03.0013 | 弹垫Φ8 | Spring Washer | 5 | | |
| 17 | | 03.0158 | 螺钉 M8×35 | Screw | 5 | | |
| 18 | | 1115-200003-0B | 直齿 | Straight Teeth | 1 | | |
| 19 | | GB/T1096-2003 | 双圆头 | Double-Round Head | 1 | | |
| 20 | | 1115-200004-0B | 齿片 | Bits | 1 | | |
| 21 | | GB/T276-94 | 轴承 61905 | Bearing | 1 | | |
| 22 | | ZD-RY-505-001 | 箱盖 | Box | 1 | | |
| 23 | | GB/T13871-92 | 油封 | Oil Seal | 1 | | |
| 24 | | 03.0011 | 弹垫Φ6 | Spring Washer | 8 | | |
| 25 | | 03.01049 | 螺钉 M6×20 | Screw | 8 | | |
| 26 | | JB/T7940.1-1995 | 油杯 | Grease Cup | 1 | | |
| 27 | | GB/T119.1-2000 | 定位销 | Dowel Pin | 1 | | |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 28 | | GB/T1096-2003 | 双圆头 Double-Round Head | 1 | | |

## 2.驱动系统 Driving System
## 2.1 驱动总成 Driving Assembly

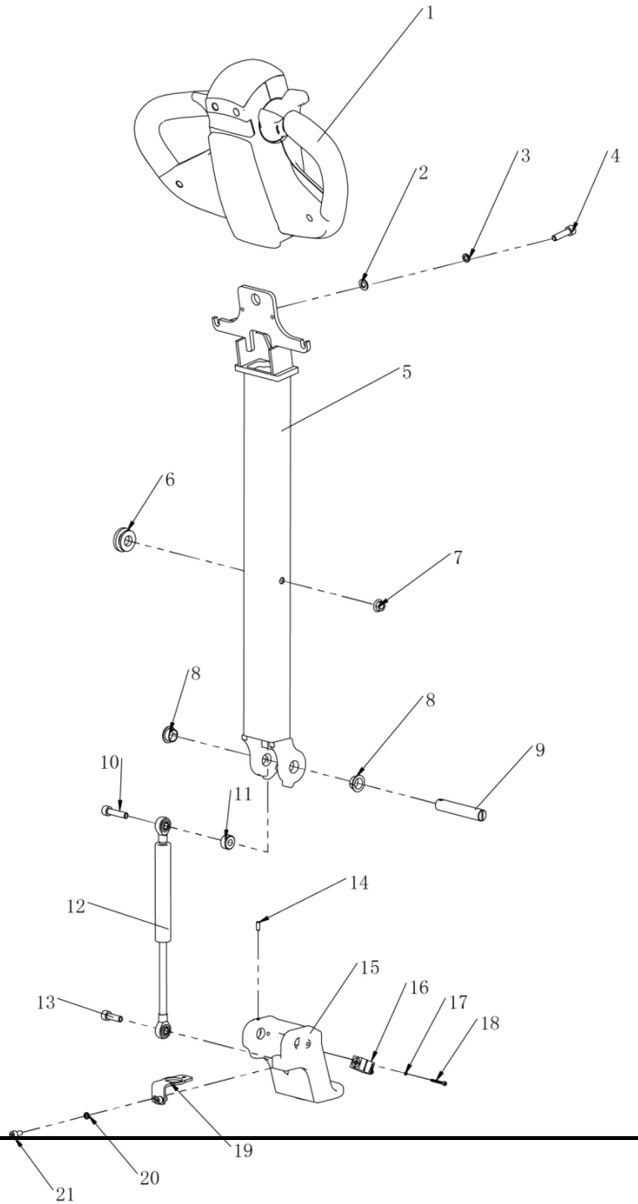



| 序号 Item | | 代码 Part No | 名称 Description | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|
| 29 | | ZD-NL-571-002 | 刹车六角 Brake Hexagon | 1 | | |
| 30 | | GB/T894.1-86 | 轴用挡圈Φ15 Circlip For Shaft | 1 | | |
| 31 | | ZD-HZDC-362-001 | 刹车 Brake | 1 | | |
| 32 | | ZD-ZJNL-076-001 | 刹车孔塞 Brake Hole Plug | 1 | | |

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## 3.操作系统 Operating System

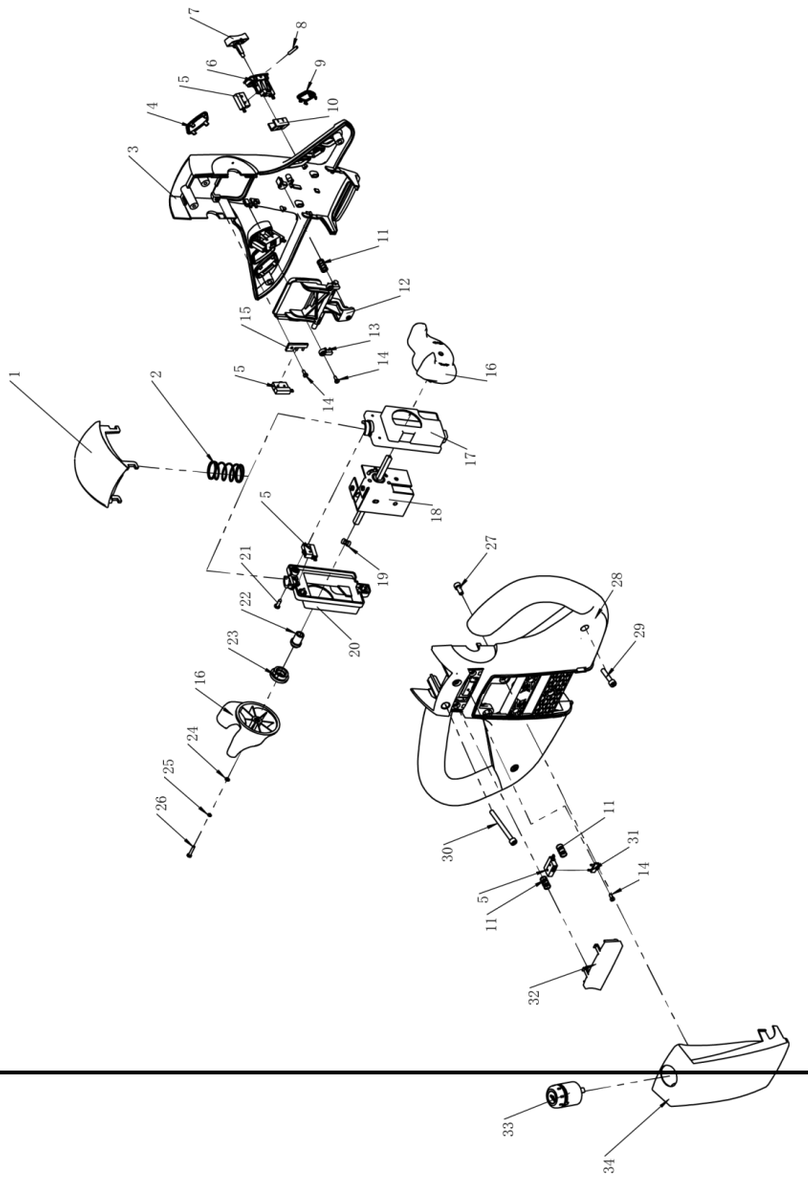
### 3.1 手柄组件 Handle Components




| 序号 Item | 代码 Part No | 名称 Description | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|
| 1 | 02.SB.317514 | 大手柄 Big Handle | 1 | | |
| 2 | 03.0050 | 平垫Φ8 Flat Washer | 2 | | |
| 3 | 03.0012 | 弹垫Φ8 Spring Washer | 2 | | |
| 4 | 03.0157 | 螺钉 M8×30 Screw | 2 | | |
| 5 | 33.014.0003 | 手柄杆 Handle Bar | 1 | | |
| 6 | 02.01.2127 | 防震垫 Shock Absorbers | 1 | | |
| 7 | 03.0425 | 螺母 M8 Nut | 1 | | |
| 8 | 03.0452 | 带肩复合套 Composite Set With Shoulder | 2 | | |
| 9 | 30.01.2141 | 关节轴 Joint Axis | 1 | | |
| 10 | 03.0158 | 螺钉 M8×35 Screw | 1 | | |
| 11 | 30.28.0048 | 隔套 Spacer | 1 | | |
| 12 | 02.QTH.3585 | 气弹簧 Gas Spring | 1 | | |
| 13 | 03.0156 | 螺钉 M8×25 Screw | 1 | | |
| 14 | 03.0630 | 螺钉 M5×8 Screw | 2 | | |
| 15 | 30.01.2424 | 连接座 Connecting Seat | 1 | | |
| 16 | 02.01.9274 | 接近开关 Proximity Switch | 1 | | |
| 17 | 03.00091 | 弹垫Φ3 Spring Washer | 2 | | |
| 18 | 03.01301 | 螺钉 M3×25 Screw | 2 | | |
| 19 | 30.01.2140 | 过线环 Overline Ring | 1 | | |
| 20 | 03.0011 | 弹垫Φ6 Spring Washer | 2 | | |
| 21 | 03.0163 | 螺钉 M6×12 Screw | 2 | | |

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## 3.2 大手柄 Big Handle

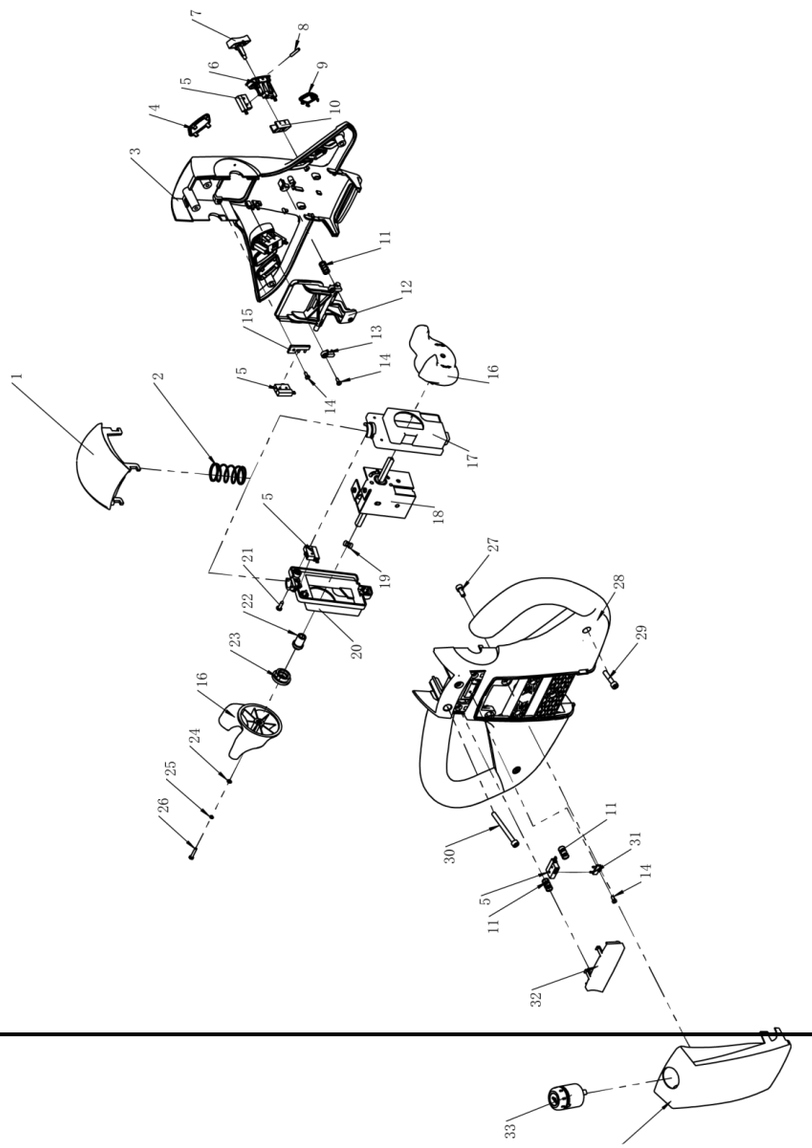


| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | 16.0038 | 肚皮开关 | Belly Switch | 1 | | |
| 2 | | 03.0725 | 弹簧 | Spring | 1 | | |
| 3 | | 02.01.31770 | 上盖 | Upper Cover | 1 | | |
| 4 | | 02.DLB.317702 | 电量表 | Electricity Meter | 1 | | |
| 5 | | 02.01.2220 | 微动开关 | Micro Switch | 7 | | |
| 6 | | 02.01.317718 | 升降按钮底座 | Lift Button Base | 2 | | |
| 7 | | 02.01.317721 | 升降按钮 | Lift Button | 2 | | |
| 8 | | 03.0760 | 圆柱销Φ3×17 | Cylindrical Pin | 2 | | |
| 9 | | 02.01.317725 | 按钮堵头 | Button Plug | 3 | | |
| 10 | | 30.01.3427 | 升降开关固定套 | Lifting Switch Fixing Sleeve | 2 | | |
| 11 | | 03.0726 | 弹簧 | Spring | 3 | | |
| 12 | | 02.01.317723 | 喇叭按钮 | Horn Button | 1 | | |
| 13 | | 02.01.317724 | 按钮卡子 | Button Clip | 2 | | |
| 14 | | 03.0731 | 螺钉 M3×10 | Screw | 5 | | |
| 15 | | 30.01.3428 | 开关安装卡 | Switch Installation Card | 1 | | |
| 16 | | 02.01.317720 | 加速器旋钮 | Accelerator Knob | 2 | | |
| 17 | | 30.01.3424 | 支架右 | Bracket Right | 1 | | |
| 18 | | 02.01.2151 | 加速器 | Accelerator | 1 | | |
| 19 | | 03.0735 | 波形垫圈 | Wave Washers | 2 | | |
| 20 | | 30.01.3423 | 支架左 | Bracket Left | 1 | | |
| 21 | | 03.0758 | 螺钉 M4×12 | Screw | 3 | | |
| 22 | | 30.01.3426 | 轴内套 | Shaft Sleeve | 2 | | |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 23 | | 30.01.3425 | 轴外套 | Shaft Jacket | 2 | | |
| | 24 | | 03.0053 | 平垫Φ3 | Flat Washer | 2 | | |
| | 25 | | 03.00091 | 弹垫Φ3 | Spring Washer | 2 | | |
| | 26 | | 03.05360 | 螺钉 M3×16 | Screw | 2 | | |

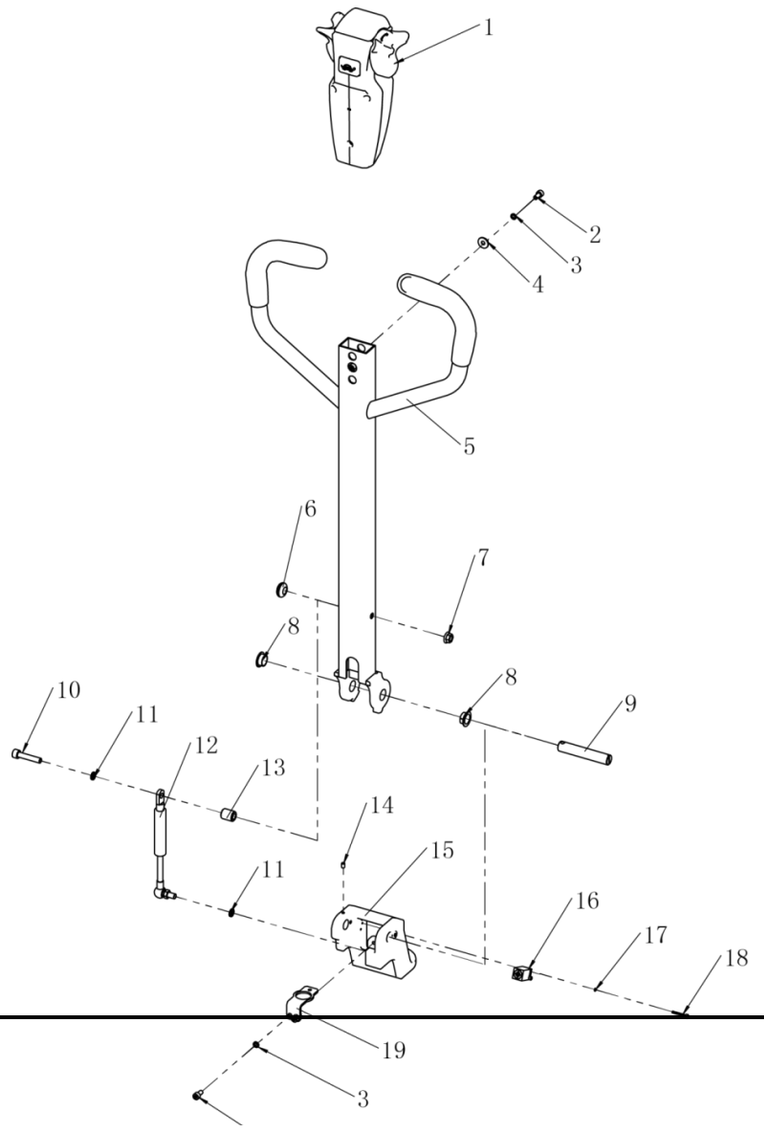
## 3.2 大手柄 Big Handle



| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 27 | | 03.0131 | 螺钉 M5×12 | Screw | 2 | | |
| 28 | | 02.01.31772 | 下盖 | Lower Cover | 1 | | |
| 29 | | 03.01410 | 螺钉 M5×25 | Screw | 2 | | |
| 30 | | 03.0751 | 螺钉 M5×55 | Screw | 2 | | |
| 31 | | 02.01.317726 | 开关安装卡 | Switch Installati On Card | 1 | | |
| 32 | | 02.01.317719 | 模式按钮 | Mode button | 1 | | |
| 33 | | 02.01.2187 | 钥匙开关 | Key Switch | 1 | | |
| 34 | | 02.01.31771 | 下盖装饰板 | Under Cover Decorative Board | 1 | | |

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## 3.301 手柄组件（智能）Handle Components（REMA）




| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | 02.SB.3190 | 手柄头总成 | Operating Handle (Rema) | 1 | | |
| 2 | | 03.0145 | 螺钉 M6×12 | Screw | 2 | | |
| 3 | | 03.0011 | 弹垫Φ6 | Spring Washer | 2 | | |
| 4 | | 03.0003 | 垫圈Φ6 | Washer | 2 | | |
| 5 | | 33.014.0010 | 手柄 | Handle | 1 | | |
| 6 | | 02.01.2133 | 防震垫 | Shock Pad | 1 | | |
| 7 | | 03.0425 | 螺母 M8 | Nut | 1 | | |
| 8 | | 03.0452 | 带肩复合套 | Composite set With Shoulder | 2 | | |
| 9 | | 30.01.2141 | 关节轴 | Joint Axis | 1 | | |
| 10 | | 03.0159 | 螺钉 M8×40 | Screw | 1 | | |
| 11 | | 03.0012 | 弹垫Φ8 | Spring Washer | 2 | | |
| 12 | 01 | 02.QTH.3634 | 气弹簧 | Gas Spring | 1 | -201106 | |
| 12 | 02 | 02.QTH.2219 | 气弹簧 | Gas Spring | 1 | 201106- | |
| 13 | | 30.28.0048 | 隔套 | Spacer | 1 | | |
| 14 | | 03.0630 | 螺钉 M5×8 | Screw | 2 | | |
| 15 | | 30.01.2424 | 手柄连接座 | Handle Connection Seat | 1 | | |
| 16 | | 02.01.9274 | 接近开关 | Proximity Switch | 1 | | |
| 17 | | 03.00091 | 弹垫Φ3 | Spring Washer | 2 | | |
| 18 | | 03.01301 | 螺钉 M3×25 | Screw | 2 | | |

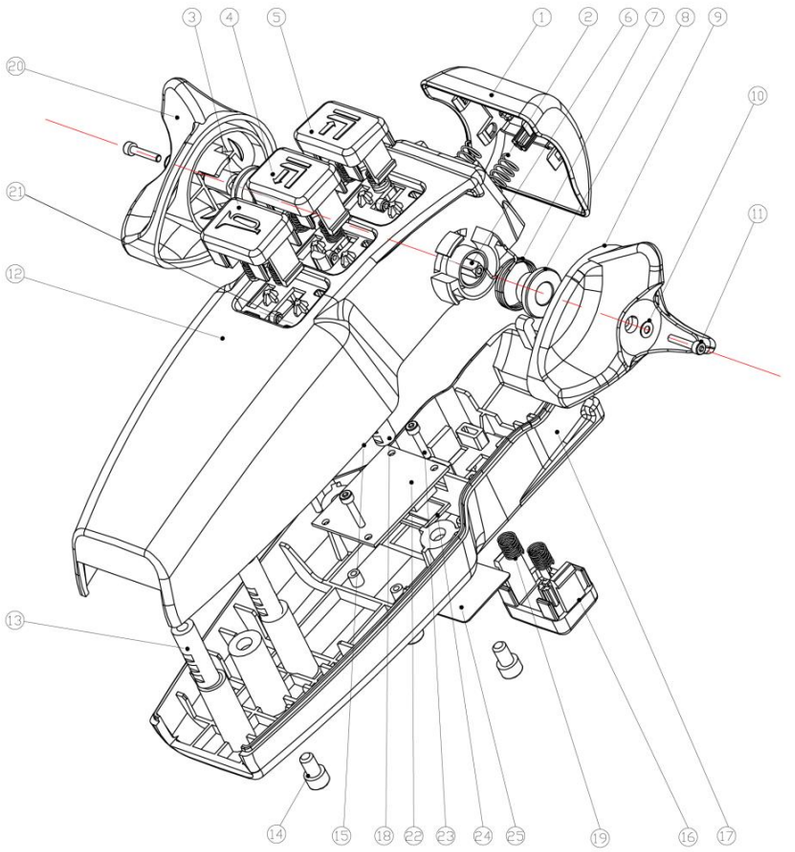
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|---|---|---|---|---|---|---|---|---|
| | 19 | | 30.01.2140 | 过线环 | Overline Ring | 1 | | |
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## 3.4 手柄头总成（智能）Handle Head Assembly（REMA）

不单独提供

Not Provided Separately



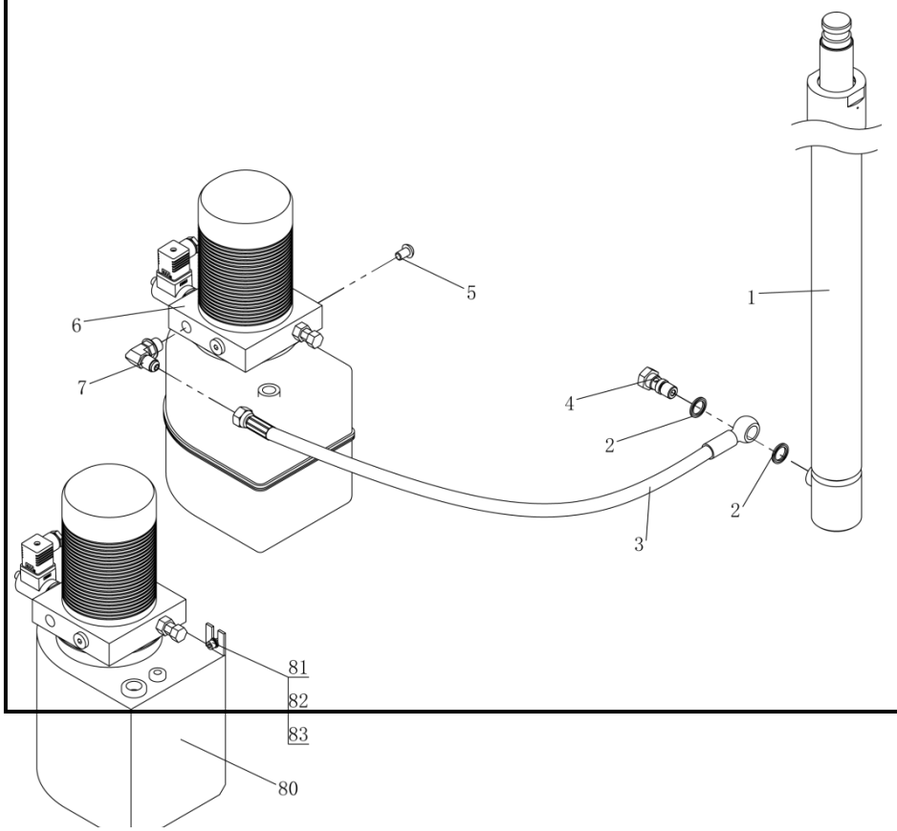

| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | 115927 | 肚皮按键 | Bully Switch | 1 | | |
| 2 | | 115932 | 弹簧 | Spring | 2 | | |
| 3 | | 115922 | 喇叭按键 | Horn Switch | 1 | | |
| 4 | | 115920 | 上升按键 | Up Switch | 1 | | |
| 5 | | 115921 | 下降按键 | Down Switch | 1 | | |
| 6 | | 115933 | 方轴 | Square Shaft | 1 | | |
| 7 | | 115934 | 弹簧 | Spring | 2 | | |
| 8 | | 115926 | 塞头 | Plug | 2 | | |
| 9 | | 115924 | 旋转键左 | Rotating Key Left | 1 | | |
| 10 | | 115936 | 垫片 | Washer | 2 | | |
| 11 | | 115935 | 螺钉 M3×12 | Screw | 2 | | |
| 12 | | 115947 | 上盖 | Upper Cover | 1 | | |
| 13 | | | 螺母 | Nut | 3 | | |
| 14 | | 8406000 | 螺钉 M6×10 | Screw | 3 | | |
| 15 | | 115931 | 卡子 | Clip | 1 | | |
| 16 | | 115923 | 龟速按键 | Tortoise Switch | 1 | | |
| 17 | | 115919-2 | 下盖 | Lower Cover | 1 | | |
| 18 | | | 螺母 | Nut | 2 | | |
| 19 | | 115938 | 弹簧 | Spring | 8 | | |
| 20 | | 115925 | 旋转键右 | Rotating Key Right | 1 | | |
| 21 | | 115943 | 上盖 | Upper Cover | 1 | | |

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|---|---|---|---|---|---|---|---|---|
| | 22 | | 115944-5 | 仪表 | Meter | 1 | | |
| | 23 | | 115939 | 螺钉 | Screw | 3 | | |
| | 24 | | | 密封垫 | Gasket | 1 | | |
| | 25 | | | 膜 | Film | 1 | | |
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## 4.液压系统 Hydraulic System

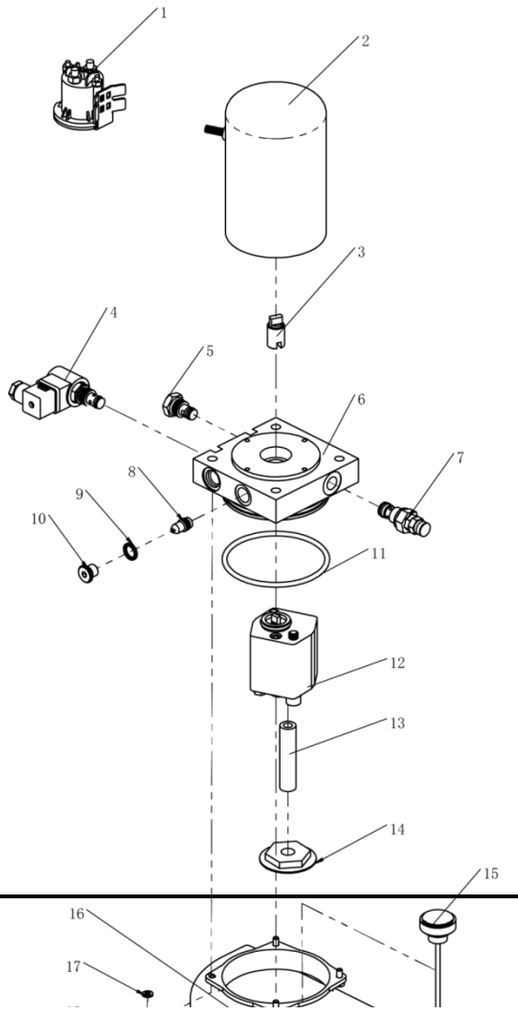
### 4.101 单级门架液压系统 Mono Mast Hydraulic System




| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | 02.YG.2295 | 油缸组件 1.6m | Oil Cylinder Assembly | 1 | | Option |
| 1 | | 02.YG.332996 | 油缸组件 2.0m | Oil Cylinder Assembly | 1 | | Option |
| 1 | | 02.YG.3329950 | 油缸组件 2.5m | Oil Cylinder Assembly | 1 | | Option |
| 1 | | 02.YG.3608 | 油缸组件 3.0m | Oil Cylinder Assembly | 1 | | |
| 1 | | 02.YG.3329940 | 油缸组件 3.5m | Oil Cylinder Assembly | 1 | | Option |
| 2 | | 03.0484 | 密封垫Φ18 | Gasket | 2 | | |
| 3 | | 02.YYL.3034 | 胶管 | Oil Pipe | 1 | | |
| 4 | | 02.YYL.3038 | 接头 | Connector | 1 | | |
| 5 | | 03.0111 | 螺钉 M10×16 | Screw | 2 | 200720- | |
| 6 | | 81.001.033 | 动力单元 | Power Unit | 1 | 200720- | |
| 7 | | 02.YYL.32004 | 直角接头 | Connector | 1 | | |
| 80 | | 02.DLDY.01510 | 动力单元 | Power Unit | 1 | -200720 | |
| 81 | | 03.0179 | 螺钉 M8×12 | Screw | 2 | -200720 | |
| 82 | | 03.0012 | 弹垫Φ8 | Spring Washer | 2 | -200720 | |
| 83 | | 03.0050 | 平垫Φ8 | Flat Washer | 2 | -200720 | |

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## 4.2 动力单元 Power Unit

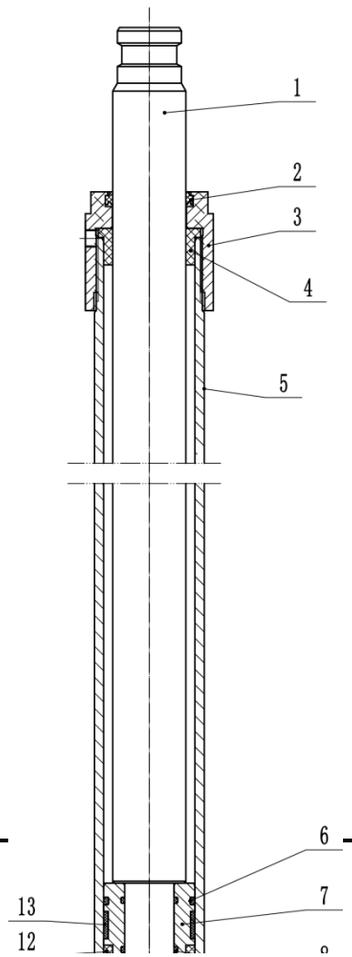



| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | 02.01.2207 | 接触器 | Contactor | 1 | | |
| 2 | | 02.DJ.21040 | 电机 | Motor | 1 | | |
| 3 | | 02.01.9055 | 连轴器 | Coupler | 1 | | |
| 4 | | 02.01.9034 | 电磁阀 | Solenoid Valve | 1 | | |
| 5 | | 02.01.9028 | 单向阀 | Check Valve | 1 | | |
| 6 | | 02.YYL.3692 | 中心块 | Center Block | 1 | | |
| 7 | | 02.01.9029 | 溢流阀 | Overflow Valve | 1 | | |
| 8 | | 02.01.9035 | 压补阀 1/4 | Pressure Filling Valve | 1 | | |
| 9 | | 03.0482 | 密封垫Φ14 | Gasket | 1 | | |
| 10 | | 02.01.9056 | 堵头 1/4 | Plug | 1 | | |
| 11 | | 02.01.0338 | O 型圈 | O-Ring | 1 | | |
| 12 | | 02.01.9044 | 齿轮泵 | Gear Pump | 1 | | |
| 13 | | 02.01.9050 | 吸油管 | Suction Oil Hose | 1 | | |
| 14 | | 02.01.9051 | 滤网 | Suction Filer | 1 | | |
| 15 | | 19.15862 | 油箱盖 | Cover | 1 | | |
| 16 | | 02.01.9365 | 油箱 | Oil Tank | 1 | | |
| 17 | | 03.0049 | 平垫Φ6 | Flat Washer | 4 | | |
| 18 | | 03.0011 | 弹垫Φ6 | Spring Washer | 4 | | |

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|---|---|---|---|---|---|---|---|
| | 19 | | 03.0411 | 螺栓 M6×16 Screw | 4 | | |
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## 4.3 油缸组件 Oil Cylinder Assembly



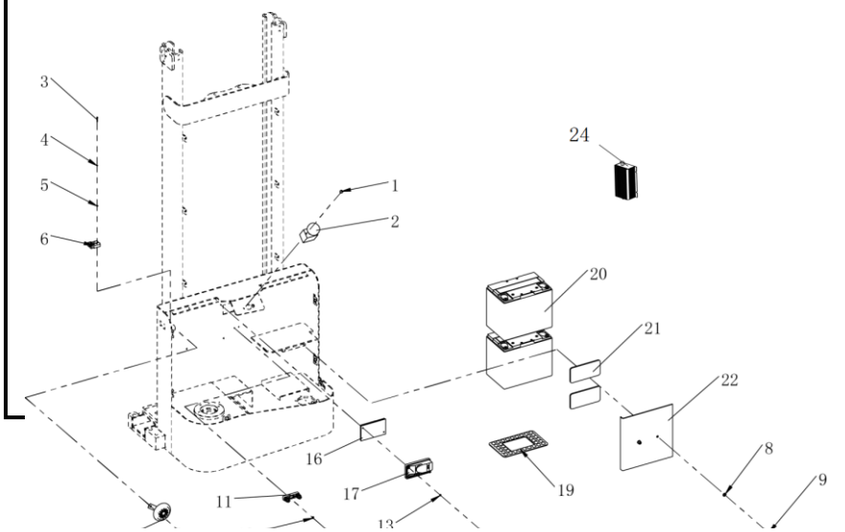

| 序号 Item | | 代码 Part No | 名称 Description | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|
| 1 | | 40.31.121 | 活塞杆 1.6m Piston Rod | 1 | | Option |
| 1 | | 40.31.122 | 活塞杆 2.0m Piston Rod | 1 | | Option |
| 1 | | 40.31.123 | 活塞杆 2.5m Piston Rod | 1 | | Option |
| 1 | | 40.31.124 | 活塞杆 3.0m Piston Rod | 1 | | |
| 1 | | 40.31.126 | 活塞杆 3.5m Piston Rod | 1 | | Option |
| 2 | | 02.01.2114 | 防尘圈 40×48×6.5 Dust Ring | 1 | | 2.5m/3.0m/3.5m |
| 2 | | 02.01.3477 | 防尘圈 45×53×6.5 Dust Ring | 1 | | 1.6m/2.0m |
| 3 | | 40.31.134 | 挡盖 Cap | 1 | | 2.5m/3.0m/3.5m |
| 3 | | 40.31.133 | 挡盖 Cap | 1 | | 1.6m/2.0m |
| 4 | | 03.0964 | 衬套 Bushing | 1 | | 2.5m/3.0m/3.5m |
| 4 | | 03.0993 | 衬套 Bushing | 1 | | 1.6m/2.0m |
| 5 | | 33.001.0008 | 缸体 1.6m Cylinder | 1 | | Option |
| 5 | | 33.001.0009 | 缸体 2.0m Cylinder | 1 | | Option |
| 5 | | 33.001.0010 | 缸体 2.5m Cylinder | 1 | | Option |
| 5 | | 33.001.0011 | 缸体 3.0m Cylinder | 1 | | |
| 5 | | 33.001.0012 | 缸体 3.5m Cylinder | 1 | | Option |

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|---|---|---|---|---|---|---|---|---|
| | 6 | | 02.01.3325 | O 型圈 50×3.1 | O-Ring | 1 | | 2.5m/3.0m/3.5m |
| | 6 | | 03.04907 | O 型圈 48.7×3.55 | O-Ring | 1 | | 1.6m/2.0m |
| | 7 | | 40.31.135 | 活塞 | Piston | 1 | | 2.5m/3.0m/3.5m |
| | 7 | | 40.31.136 | 活塞 | Piston | 1 | | 1.6m/2.0m |
| | 8 | | 02.01.3326 | O 型圈 31×2.4 | O-Ring | 2 | | |
| | 9 | | 02.01.3048 | 防爆阀 | Valve | 1 | | |
| | 10 | | 03.0288 | 螺母 M24×2.0 | Nut | 1 | | |
| | 11 | | 03.0020 | 弹垫Φ24 | Spring Washer | 1 | | |
| | 12 | | 03.04899 | 密封圈 50×40×6 | Ring | 2 | | 2.5m/3.0m/3.5m |
| | 12 | | 03.04906 | 密封圈 56×45×7 | Ring | 2 | | 1.6m/2.0m |
| | 13 | | 03.05021 | 夹布环 50×45×14.8 | Support Ring | 1 | | 2.5m/3.0m/3.5m |
| | 13 | | 03.05022 | 夹布环 56×51×14.8 | Support Ring | 1 | | 1.6m/2.0m |

## 5.控制系统 Control System

### 5.101 电气总成 Electric Assembly



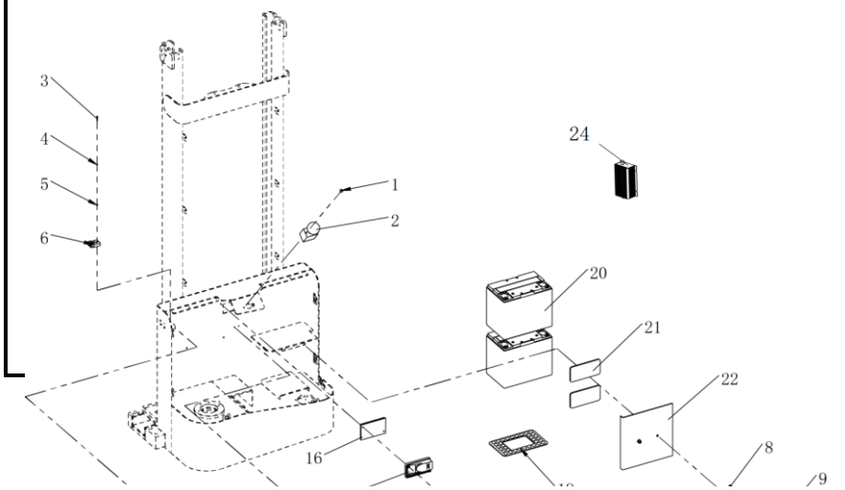

| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | 03.0632 | 螺钉 M5×12 | Screw | 2 | | |
| 2 | | 02.01.2170 | 急停开关 | Emergency Stop Switch | 1 | | |
| 3 | | 03.0130 | 螺钉 M3×20 | Screw | 2 | | |
| 4 | | 03.00091 | 弹垫Φ3 | Spring Washer | 2 | | |
| 5 | | 03.0053 | 平垫Φ3 | Flat Washer | 2 | | |
| 6 | | 16.0476 | 胶壳 | Rubber Shell | 1 | | |
| 7 | | 02.01.2218 | 喇叭 | Horn | 1 | | |
| 8 | | 03.0050 | 平垫Φ8 | Flat Washer | 3 | | |
| 9 | | 03.0012 | 弹垫Φ8 | Spring Washer | 3 | | |
| 10 | | 03.0179 | 螺钉 M8×12 | Screw | 1 | | |
| 11 | | 02.01.3057 | 熔断器座 | Fuse Seat | 1 | | |
| 12 | | 03.0926 | 平垫Φ5 | Flat Washer | 2 | | |

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|---|---|---|---|---|---|---|---|
| 13 | | 03.0007 | 弹垫Φ5 | Spring Washer | 4 | | |
| 14 | | 03.0133 | 螺钉 M5×16 | Screw | 2 | | |
| 15 | | 02.01.2000 | 熔断器 | Fuse | 1 | | |
| 16 | | 02.01.33281 | 安装板 | Mounting Panel | 1 | | |
| 17 | 01 | 02.KZQ.2151 | 控制器 1212P | Controller | 1 | -210522 | |
| 17 | 02 | 02.KZQ.2167 | 控制器 1212P | Controller | 1 | 210522- | |
| 17 | | 02.KZQ.2377 | 控制器 1212C | Controller | 1 | | Option |
| 18 | | 03.01340 | 螺钉 M5×35 | Screw | 2 | | |
| 19 | | 30.09.0007 | 电瓶垫 | Rubber Pads | 1 | | |
| 20 | | 02.XDC.220508 | 电池 | Battery | 1 | | |
| 21 | | 30.01.1688 | 橡胶垫 | Rubber Pads | 2 | | |
| 22 | | 30.01.1331 | 限位板 | Bracket | 1 | | |
| 23 | | 03.0156 | 螺钉 M8×25 | Screw | 2 | | |
| 24 | | 02.CDQ.0070 | 亚标充电器 | Asia Charger | 1 | | |
| 24 | | 02.CDQ.0073 | 欧标充电器 | EU Charger | 1 | | |

## 5.电器系统 Electric System

## 5.1 电气总成 Mono Mast Electric Assembly

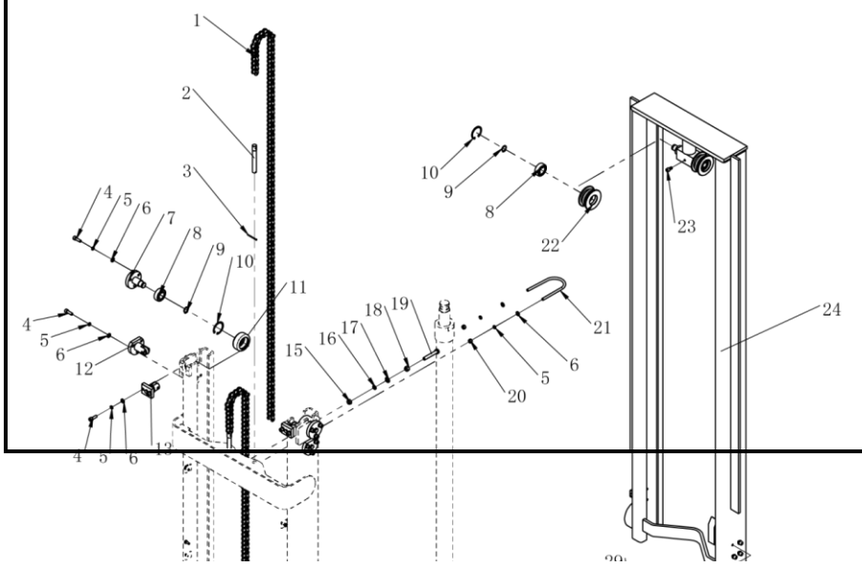



| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 24 | | 02.CDQ.00451 | 美标充电器 | U.S Charger | 1 | | |
| 24 | | 02.CDQ.0319 | 南非标充电器 | South Africa Charger | 1 | | |
| 24 | | 02.CDQ.0091 | 以色列标充电器 | Israel Charger | 1 | | |
| 24 | | 02.CDQ.3397 | 意大利标充电器 | Italy Charger | 1 | | |
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## 6.起升系统 Lifting System

### 6.1 起升系统 Lifting System




| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | 02.LT.3143 | 链条 1.6m | Chain | 1 | | Option |
| 1 | | 02.LT.3160 | 链条 2.0m | Chain | 2 | | |
| 1 | | 02.LT.31450 | 链条 2.5m | Chain | 2 | | Option |
| 1 | | 02.LT.31470 | 链条 3.0m | Chain | 2 | | Option |
| 1 | | 02.LT.31481 | 链条 3.5m | Chain | 2 | | Option |
| 2 | | 30.26.0004 | 拉杆 | Tie Rod | 2 | | |
| 3 | | 03.0332 | 开口销Φ3.2×25 | Open Pin | 2 | | |
| 4 | | 03.0156 | 螺钉 M8×25 | Screw | 16 | | |
| 5 | | 03.0012 | 弹垫Φ8 | Spring Washer | 22 | | |
| 6 | | 03.0050 | 平垫Φ8 | Flat Washer | 22 | | |
| 7 | | 30.01.6600 | 轴座 | Shaft Seat | 2 | | |



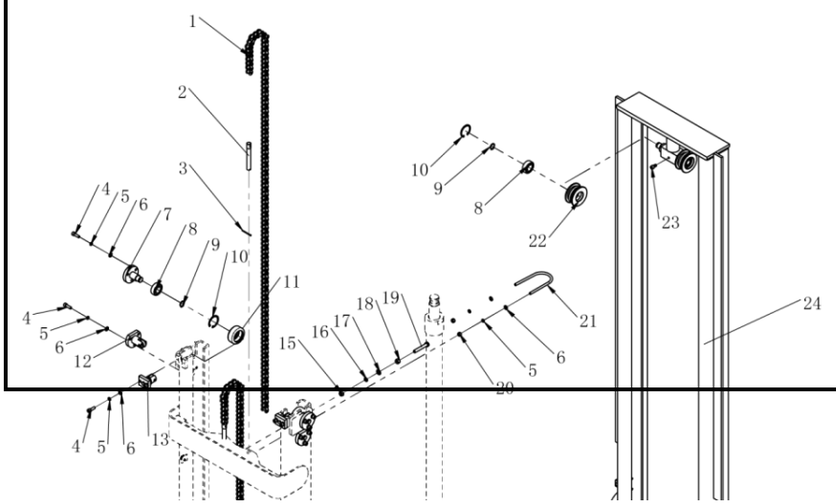
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|---|---|---|---|---|---|---|---|---|
| | 8 | | 03.90.057 | 轴承 6204 | Bearing | 4 | | |
| | 9 | | 03.0064 | 轴用挡圈Φ20 | Circlip For Shaft | 2 | | |
| | 10 | | 03.0028 | 孔用挡圈Φ47 | Circlip For Hole | 4 | | |
| | 11 | | 30.01.13901 | 导轮 | Guide Wheel | 2 | | |
| | 12 | | 30.01.6558 | 左右限止轮架 | Limit The Stop Wheel Frame | 2 | | |
| | 13 | | 30.01.13811 | 后轮止轮架 | Stop The Wheel Frame | 2 | | |
| | 14 | | 03.07391 | 钢珠 | Steel Ball | 1 | | |
| | 15 | | 03.0243 | 螺母 M10 | Nut | 1 | | |
| | 16 | | 03.0043 | 平垫Φ10 | Flat Washer | 1 | | |
| | 17 | | 03.0014 | 弹垫Φ10 | Spring Washer | 1 | | |
| | 18 | | 03.0259 | 螺母 M10 | Nut | 2 | | |
| | 19 | | 03.03820 | 螺栓 M10×60 | Bolt | 1 | | |
| | 20 | | 03.0244 | 螺母 M8 | Nut | 2 | | |
| | 21 | | 03.0461 | 油缸抱箍 | Cylinder Hoop | 1 | | |
| | 22 | | 30.01.19210 | 链轮 | Sprocket | 2 | | |
| | 23 | | 03.0153 | 螺钉 M8×16 | Screw | 5 | | |

## 6.起升系统 Lifting System

### 6.1 起升系统 Lifting System



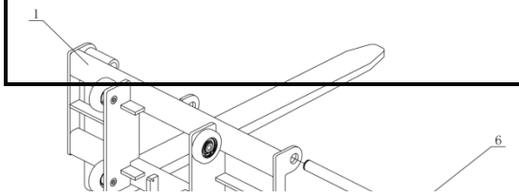

| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 24 | | 33.040.0010 | 内门架 2.0m | Inner Mast | 1 | | |
| 24 | | 33.040.0011 | 内门架 2.5m | Inner Mast | 1 | | Option |
| 24 | | 33.040.0008 | 内门架 3.0m | Inner Mast | 1 | | Option |
| 25 | | 33.040.0012 | 内门架 3.5m | Inner Mast | 2 | | Option |
| 26 | | 03.90.017 | 轴承 6206 | Bearing | 2 | | |
| 27 | | 03.0032 | 孔用挡圈Φ62 | Circlip For Hole | 2 | | |
| 28 | | 03.0008 | 轴用挡圈Φ30 | Circlip For Shaft | 2 | | |
| 29 | | 30.01.2552 | 滚轮 | Roller | 2 | | |
| 30 | | 33.004.0008 | 导轮架 | Wheel Frame | 4 | | |
| 31 | | 03.0059 | 轴用挡圈Φ12 | Circlip For Shaft | 2 | | |

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|---|---|---|---|---|---|---|---|
| | 32 | | 02.LZ.332210 | 导向轮 Guide Pulley | 2 | | |

## 6.2 货叉架 Fork Frame

| 序号 Item | | 代码 Part No | 名称 Description | | 数量 Qty | 适用日期 Applied Date | 备注 Remark |
|---|---|---|---|---|---|---|---|
| 1 | | 33.040.0009 | 托盘架 | Tray Rack | 1 | | |
| 2 | | 03.0008 | 轴用挡圈Φ30 | Circlip For Shaft | 4 | | |
| 3 | | 03.0032 | 孔用挡圈Φ62 | Circlip For Hole | 4 | | |
| 4 | | 03.90.017 | 轴承 6206 | Bearing | 4 | | |
| 5 | | 30.01.3464 | 滚轮 | Roller | 4 | | |
| 6 | | 30.49.0023 | 长轴 | Long Axis | 4 | | |
| 7 | | 02.DDHC.0052 | 货叉 | Freight Fork | 2 | | |
| 8 | | 03.0069 | 轴用挡圈Φ32 | Circlip For Shaft | 2 | | |






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