



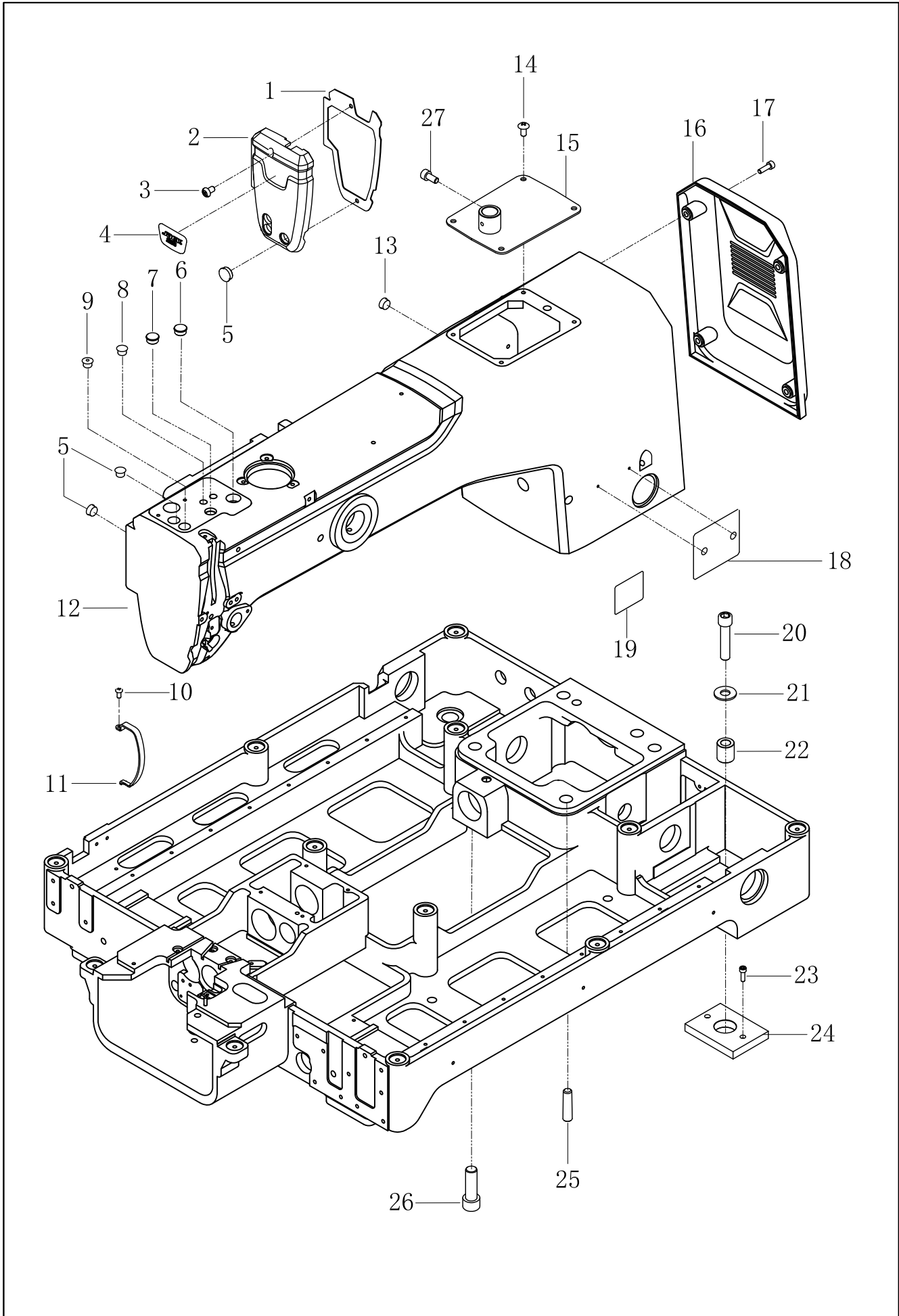
M5  
零件图册  
Parts book

**JACK 杰克**

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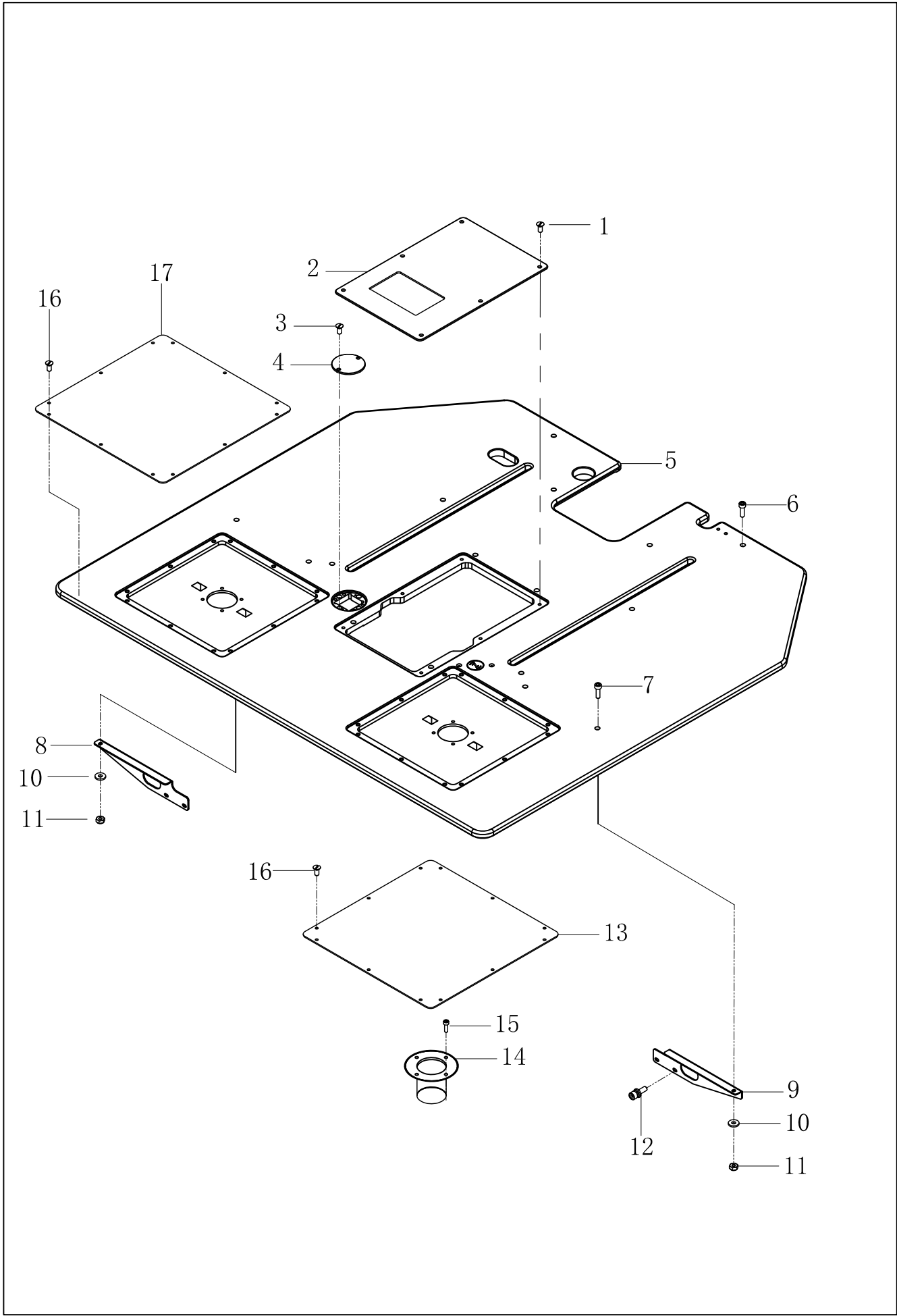
A1、机体部分 / Machine body



# A1、机体部分 / Machine body

| 序号<br>No. | 件号<br>Part. No. | 零部件名称          | NAME OF PARTS                      | 数量<br>Amt. | 备注          |
|-----------|-----------------|----------------|------------------------------------|------------|-------------|
| 1         | 142022001       | 面板垫片           | Panel gasket                       | 1          |             |
| 2         | 930000297       | 面板             | panel                              | 1          | 142001001   |
| 3         | S04029          | 螺钉M5×12(镀镍)    | Screw M5×12                        | 2          |             |
| 4         | 14437001        | 面板商标牌          | Panel trademark                    | 1          |             |
| 4         | 114437002       | 面板商标牌B         | Panel trademark B                  | 1          | B           |
| 5         | 41322018        | 橡胶塞19          | Rubber plug 19                     | 1          |             |
| 6         | 41722004        | 橡皮塞15.5        | Rubber plug 15.5                   | 3          |             |
| 7         | 41722009        | 橡皮塞 13         | Rubber plug 13                     | 3          |             |
| 8         | 10122005        | 挑线连杆销螺孔塞       | Connecting rod pin screw hole plug | 3          |             |
| 9         | 10122013        | 针杆上衬套孔塞        | Bushing hole plug on needle rod    | 1          |             |
| 10        | 403S11013       | 螺钉M4×8(镀镍)     | Screw the M4×8                     | 1          |             |
| 11        | 930000686       | 挑线杆防护罩         | Wire rod protection cover          | 1          | 142012095   |
| 12        | 930001080       | 机头(大梭)         | Nose (large shuttle)               |            | 920000359   |
| 13        | 14222007        | 上盖橡皮塞          | Top cover rubber plug              | 1          |             |
| 14        | S04028          | 螺钉M5×8         | Screw the M5×8                     | 8          |             |
| 15        | 930001162       | 机头后上盖板         | Nose back cover                    | 1          | 14251214300 |
| 16        | 142511019       | 后罩             | After the cover                    | 1          |             |
| 17        | S05087          | 螺钉M5×12        | Screw M5×12                        | 4          |             |
| 18        | 141837006       | 型号牌            | Model plate                        | 1          |             |
| 18        | 141837008       | 型号牌B           | Model plate B                      | 1          | B           |
| 19        | 20131063        | 警告牌            | Warning signs                      | 1          |             |
| 20        | S05082          | 螺栓M10×40       | Screw the M10×40                   | 4          |             |
| 21        | 142528002       | 垫圈12           | The big washer                     | 4          |             |
| 22        | 142503016       | 定位套            | Locating sleeve                    | 4          |             |
| 23        | S05115          | 螺钉M4×6(滚花)     | Bolt M4×6                          | 8          |             |
| 24        | 142522011       | 底座防震垫          | Cushioning rubber pad              | 4          |             |
| 25        | P02011          | 销子10×40        | Pin 12×50                          | 2          |             |
| 26        | S05993          | 内六角圆柱头螺钉M12×50 | Hexagon socket head screw M16×55   | 4          |             |
| 27        | S05121          | 螺钉M5×10        | Screw M5×12                        | 2          |             |

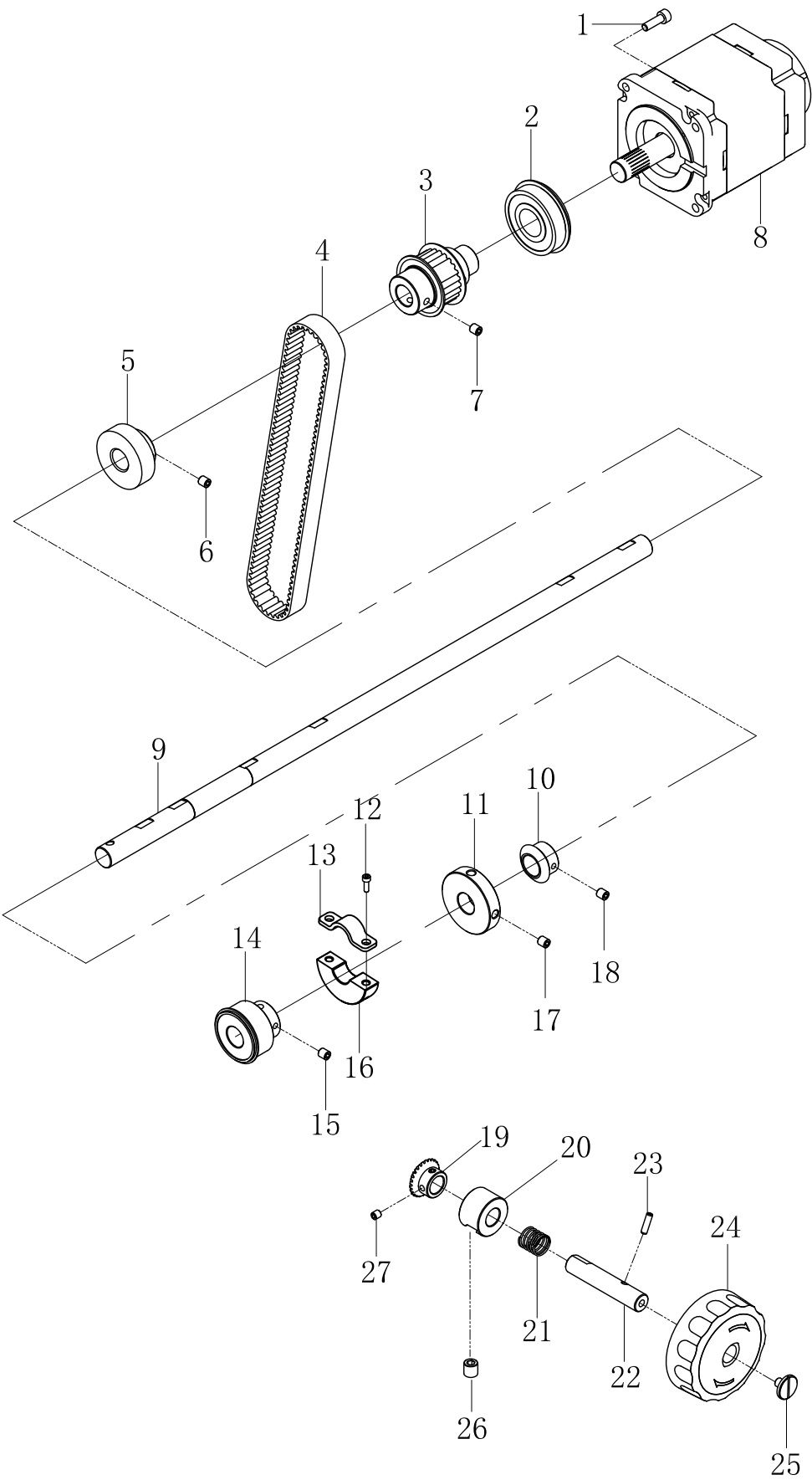
B1、主台面部分 / Main table mechanism



## B1、主台面部分 / Main table mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称        | NAME OF PARTS                       | 数量<br>Amt. | 备注        |
|-----------|-----------------|--------------|-------------------------------------|------------|-----------|
| 1         | S02039          | 螺钉M4×9(镀镍)   | Screw M4×9(Nickel plating)          | 6          |           |
| 2         | 142532059       | 台面前盖板        | Front cover                         | 1          |           |
| 3         | S02039          | 螺钉M4×9(镀镍)   | Screw M4×9(Nickel plating)          | 2          |           |
| 4         | 141932044       | 圆形盖板         | Circular plate                      | 1          |           |
| 5         | 142532086       | 吸风主台面        | Air suction main table              | 1          |           |
| 6         | S05026          | 螺栓M5×20      | Bolt the M5×20                      | 12         |           |
| 7         | S05026          | 螺栓M5×20      | Bolt the M5×20                      | 4          |           |
| 8         | 930001163       | 台面左支撑        | Countertop left support             | 1          | 142532060 |
| 9         | 930001164       | 台面右支撑        | Countertop right support            | 1          | 142532061 |
| 10        | 41728028        | 平垫圈M5        | Flat washer M5                      | 4          |           |
| 11        | 407N01001       | 自锁螺母M5       | Self-locking nut M5                 | 4          |           |
| 12        | 417S30036       | 螺钉(带垫圈)M5×12 | Bolt the M5×12                      | 6          |           |
| 13        | 142532098       | 吸风板          | Suction board                       | 1          |           |
| 14        | 930001215       | 吸风台面下接口      | Interface board under suction table | 1          | 142512208 |
| 15        | S05121          | 螺钉M5×10(滚花)  | Bolt M5×10                          | 4          |           |
| 16        | S02039          | 螺钉M4×9(镀镍)   | Screw M4×9(Nickel plating)          | 24         |           |
| 17        | 142532087       | 吸风槽盖板        | Cover of suction chute              | 1          |           |
| 18        | 41822012        | 减振垫圈         | Damping washer                      | 12         |           |

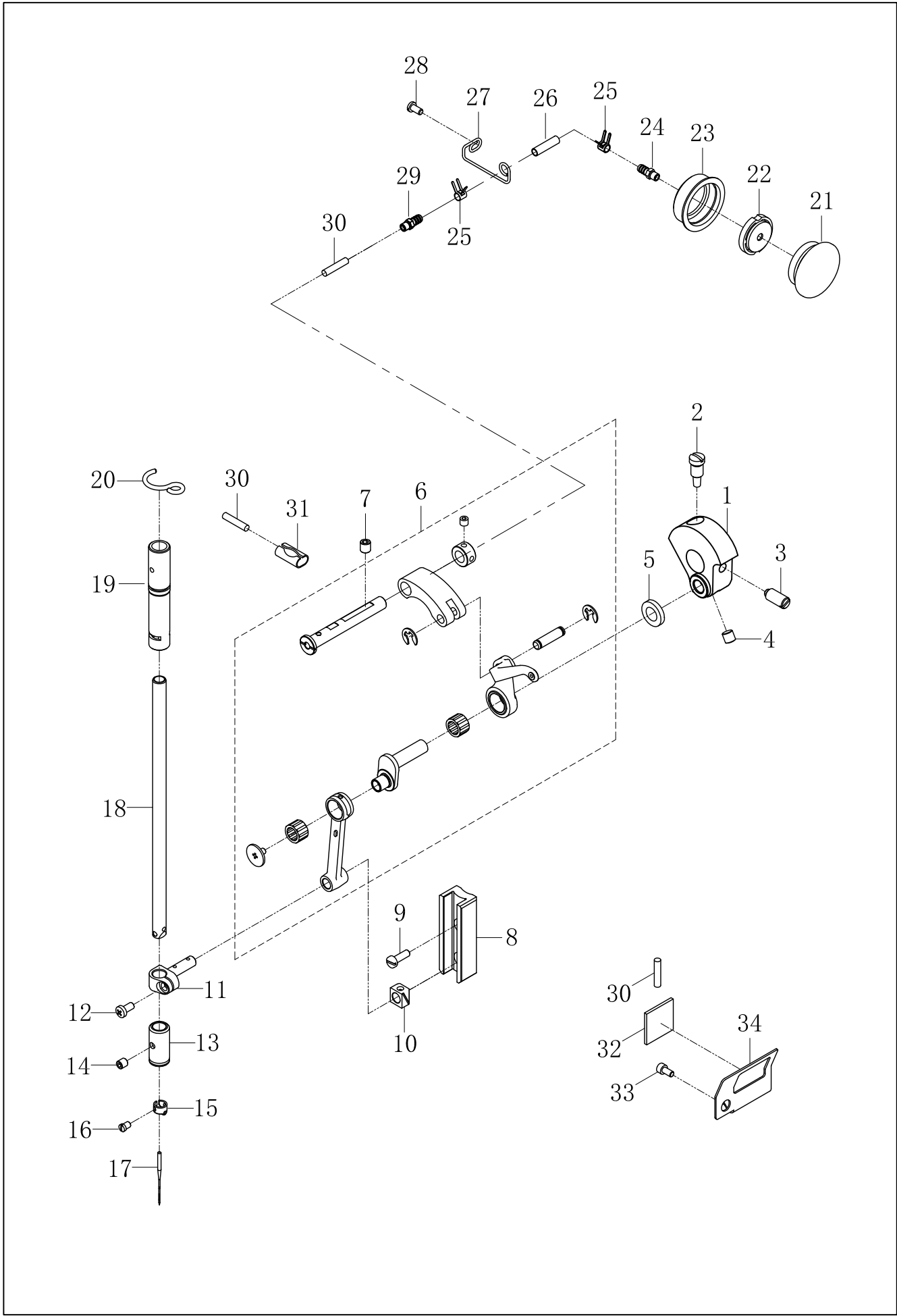
C1、上轴装置 / Upper shaft mechanism



## C1、上轴装置 / Upper shaft mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称             | NAME OF PARTS                          | 数量<br>Amt. | 备注 |
|-----------|-----------------|-------------------|----------------------------------------|------------|----|
| 1         | S05124          | 螺栓M5×16           | Bolt the M5×16                         | 4          |    |
| 2         | B10009          | 深沟球轴承(6204-2RSNR) | Deep groove ball Bearing (6204-2RSNR)  | 1          |    |
| 3         | 14253500600     | 上轴同步轮组件           | Upper shaft synchronous wheel assembly | 1          |    |
| 4         | 142535007       | 同步带S5M            | Synchronous belt S5M                   | 1          |    |
| 5         | 142524006       | 一体轴承6004-2RS      | Integrated bearing 6004-2RS            | 1          |    |
| 6         | S09019          | 螺钉M5×5            | Screw M6×6                             | 2          |    |
| 7         | 409S14001       | 螺钉SM1/4×40        | Screw SM1/4×40                         | 4          |    |
| 8         | 142533018       | 主轴电机              | Spindle motor                          | 1          |    |
|           | 142533008       | 主轴电机(星火)          | Spindle motor (spark)                  | 1          |    |
|           | 142533013       | 主轴电机(大豪)          | Spindle motor (Dahao)                  | 1          |    |
| 9         | 142502016       | 上轴                | On the shaft                           | 1          |    |
| 10        | 40325010        | 上轴转动齿轮            | Turn the gear on the upper shaft       | 1          |    |
| 11        | 142535004       | 绕线器驱动轮            | Winder drive wheel                     | 1          |    |
| 12        | S05087          | 螺钉M5×12           | Bolt M5×12                             | 2          |    |
| 13        | 141904011       | 偏心轮夹板             | Eccentric wheel splint                 | 1          |    |
| 14        | 142024006       | 一体轴承6904RT        | Integrated bearing 6904RT              | 1          |    |
| 15        | S10019          | 螺钉M6×6            | Screw M6×6                             | 2          |    |
| 16        | 142510001       | 偏心轮               | Wheel of eccentricity                  | 1          |    |
| 17        | S09019          | 螺钉M5×5            | Screw M5×5                             | 2          |    |
| 18        |                 | 螺钉M4×4            | Screw M6×6                             | 2          |    |
| 19        | 40325011        | 手轮轴齿轮             | Hand shaft gear                        | 1          |    |
| 20        | 41803020        | 手轮轴套B             | Handwheel shaft sleeve B               | 1          |    |
| 21        | 40327004        | 弹簧                | spring                                 | 1          |    |
| 22        | 142002003       | 手轮轴               | The hand wheel                         | 1          |    |
| 23        | P03002          | 弹性圆柱销A4×16        | Elastic cylindrical pin A4×16          | 1          |    |
| 24        | 14201100200     | 手轮组件              | The handwheel components               | 1          |    |
|           | 14201101200     | 手轮组件B             | Handwheel kit B                        | 1          | B  |
| 25        | 403S11003       | 开槽大圆柱头螺钉          | Slotted large cylindrical head screw   | 1          |    |
| 26        | S10019          | 螺钉M6×6            | Screw M6×6                             | 1          |    |
| 27        |                 | 螺钉M4×4            | Screw M5×5                             | 2          |    |

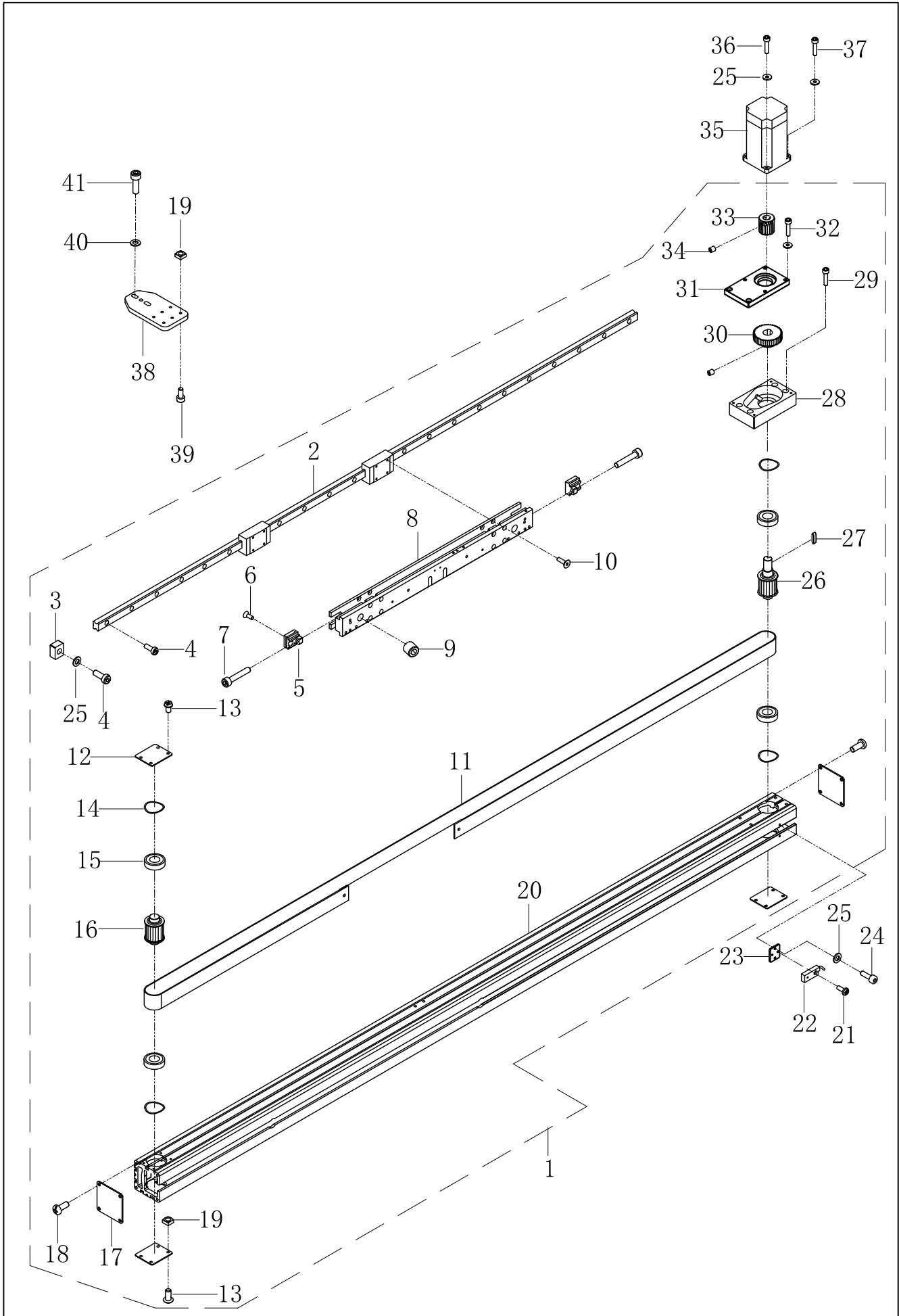
D1、挑线装置 (H) / Take up mechanism (H)



## D1、挑线装置 (H) / Take up mechanism (H)

| 序号<br>No. | 件号<br>Part. No. | 零部件名称        | NAME OF PARTS                           | 数量<br>Amt. | 备注 |
|-----------|-----------------|--------------|-----------------------------------------|------------|----|
| 1         | 142504017       | 针杆曲柄         | Needle bar crank H                      | 1          |    |
| 2         | 135S11002       | 针杆曲柄定位螺钉     | Needle bar crank setting screw          | 1          |    |
| 3         | 409S14001       | 内六角平面端紧定螺钉   | Inner hexagonal plane end setting screw | 1          |    |
| 4         | 409S14001       | 内六角平面端紧定螺钉   | Inner hexagonal plane end setting screw | 2          |    |
| 5         | 141828001       | 针杆曲柄垫圈       | Pin crank washer                        | 1          |    |
| 6         | 14253800200     | 挑线连杆组件F      | Connecting rod assembly F               | 1          |    |
| 7         | S10019          | 螺钉M6×6       | Screw M6×6                              | 2          |    |
| 8         | 142009004       | 针杆滑块导向       | Needle bar slider guide                 | 1          |    |
| 9         | 207S11008       | 开槽圆柱头螺钉M4×12 | Slotted cylindrical head screw M4×12    | 2          |    |
| 10        | 41709001        | 滑块           | The slider                              | 1          |    |
| 11        | 40304015        | 针杆接头         | The needle bar joint                    | 1          |    |
| 12        |                 | 螺钉M4×8       | Screw M4×8                              | 1          |    |
| 13        | 142002022       | 针杆下套B        | Needle shaft sleeve B                   | 1          |    |
| 14        | S09019          | 螺钉M5×5       | Screw M5×5                              | 1          |    |
| 15        | 142013020       | 针套           | Needle set                              | 1          |    |
| 16        | 104S11006       | S012开槽圆柱头螺钉  | Screw                                   | 1          |    |
| 17        | 40317011        | 机针DP×5 11#   | DP x5 11 # machine needle               | 1          |    |
| 18        | 142002023       | 针杆2.0        | Needle bar 2.0                          | 1          |    |
|           | 142002027       | 针杆1.6        | Needle bar 1.6                          | 1          |    |
| 19        | 142002021       | 针杆上套B        | Needle bar cover B                      | 1          |    |
| 20        | 142527004       | 油线挂钩         | Oil line hook                           | 1          |    |
| 21        | 41711003        | 油窗盖          | Oil window cover                        | 1          |    |
| 22        | 41711021        | 挡片           | Baffle                                  | 1          |    |
| 23        | 41722030        | 橡胶圈          | Screw M3×8                              | 1          |    |
| 24        | 41836015        | 油管嘴M5        | Nozzle extension M5                     | 1          |    |
| 25        | 11412055        | Φ5.7油管卡簧     | 5.7 tubing circlip Φ                    | 2          |    |
| 26        | 12921005        | 维尼龙油管(Φ4×Φ6) | Vynlon tubing (4×6)                     | 1.5        |    |
| 27        | 142513003       | 油管挂钩         | Wire clip 19                            | 1          |    |
| 28        | 417S15008       | 螺钉M4×8       | Screw M4×8                              | 1          |    |
| 29        | 142036001       | 油管嘴加长        | Nozzle extension                        | 1          |    |
| 30        | 12923018        | 油线4×4        | Line 4×4                                | 2          |    |
| 31        | 41712070        | 油线支架         | Oil line support                        | 1          |    |
| 32        | 142023002       | 油毡           | linoleum                                | 1          |    |
| 33        | 421s13035       | 螺钉M4×8       | Screw                                   | 1          |    |
| 34        | 142012109       | 油毡支架C        | linoleum bracket C                      | 1          |    |

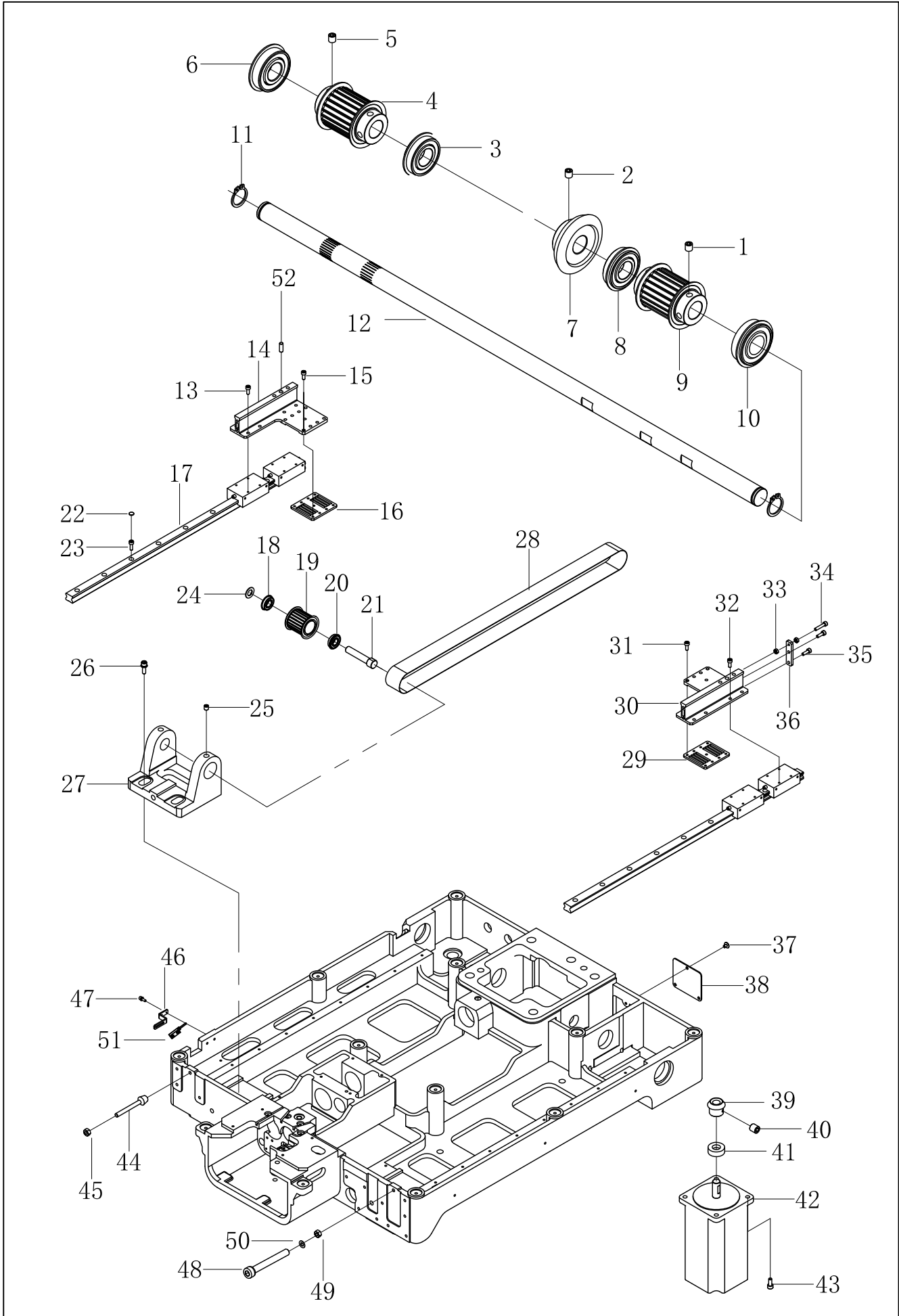
E1、X送料装置(T) / X Feed mechanism (T)



# E1、X送料装置(T) / X Feed mechanism (T)

| 序号<br>No. | 件号<br>Part. No. | 零部件名称          | NAME OF PARTS                     | 数量<br>Amt. | 备注 |
|-----------|-----------------|----------------|-----------------------------------|------------|----|
| 1         | 14254201800     | 同步带送料组件        | Synchronous belt feeding assembly | 1          |    |
| 2         | 142508006       | X导轨组件          | X guide assembly                  | 1          |    |
| 3         | 142011019       | 防撞橡胶垫          | Anti-collision rubber pad         | 2          |    |
| 4         | S05133          | 螺钉M4×12        | Screw M4×12                       | 16         |    |
| 5         | 142001027       | 同步带扣           | Synchronous belt buckle           | 2          |    |
| 6         | 407S04002       | 螺钉M3×8         | Screw M3×8                        | 2          |    |
| 7         | 421S13046       | 内六角螺钉M5×45     | Screw M5×45                       | 2          |    |
| 8         | 142542019       | 压框连接座          | Compression frame connector       | 1          |    |
| 9         | S09019          | 紧定螺钉M5×5       | Compression frame connector       | 2          |    |
| 10        | 407S17001       | 沉头螺钉M4×10      | Screw M4×10                       | 8          |    |
| 11        | 142535010       | X同步带           | Synchronous belt                  | 1          |    |
| 12        | 142012209       | 轴承盖板           | Bearing cover                     | 3          |    |
| 13        | 421S10022       | 十字半圆头螺钉M4×6    | Cross semi-round head screw M4x6  | 12         |    |
| 14        | 142028011       | 平垫圈            | Flat washer                       | 4          |    |
| 15        | B04126          | 轴承6003         | Bearing 6003                      | 4          |    |
| 16        | 14203500500     | 从动带轮组件B        | Driven pulley assembly B          | 1          |    |
| 17        | 142012208       | 端盖             | End cap                           | 2          |    |
| 18        | 421S10022       | 十字半圆头螺钉M4×6    | Cross semi-round head screw M4x6  | 8          |    |
| 19        | N03009          | 螺母块M4          | Nut block M4                      | 16         |    |
| 20        | 142542033       | 横梁型材B          | Cross beam Profile Bar B          | 1          |    |
| 21        | 421S10015       | 螺钉M3×8         | Screw M3×8                        | 1          |    |
| 22        | 41730851        | 传感器            | Sensor                            | 1          |    |
| 23        | 142512142       | 传感器安装座         | Sensor mount                      | 1          |    |
| 24        | 407s17001       | 螺钉M4×10        | Screw M4×10                       | 2          |    |
| 25        | W01001          | 平垫圈4           | Flat washer 4                     | 3          |    |
| 26        | 14203500400     | 主动带轮组件B        | Driving pulley assembly B         | 1          |    |
| 27        | K01020          | 键              | Key                               | 1          |    |
| 28        | 142042044       | 齿轮箱            | Gear box                          | 1          |    |
| 29        | S05035          | 内六角螺钉M5×25     | Screw M5×25                       | 4          |    |
| 30        | 142025004       | 被动齿轮           | Passive gear                      | 1          |    |
| 31        | 142012210       | 齿轮箱盖           | Gear box cover                    | 1          |    |
| 32        | S05118          | 内六角螺钉M4×16(滚花) | Screw M4×16                       | 2          |    |
| 33        | 142025003       | 主动齿轮           | Driving gear                      | 1          |    |
| 34        | 409s14001       | 紧定螺钉SM1/4"     | Screw M6-0.75                     | 5          |    |
| 35        | 142533016       | 模组电机           | Modular motor                     | 1          |    |
| 35        | 142533017       | 模组电机(大豪)       | Modular motor                     | 1          |    |
| 36        | S05064          | 螺钉M4×30        | Screw M4×25                       | 2          |    |
| 37        | S05118          | 螺钉M4×16        | Screw M4×16                       | 2          |    |
| 38        | 142014002       | 送料连接板          | Feeding connecting plate          | 2          |    |
| 39        | 421S13035       | 螺钉M4×8         | Screw M4×8                        | 12         |    |
| 40        | 41728033        | 垫片M6           | Gasket M6                         | 4          |    |
| 41        | S05111          | 螺钉M6×20        | Screw M6×20                       | 4          |    |

F1、Y送料装置 / Y Feed mechanism

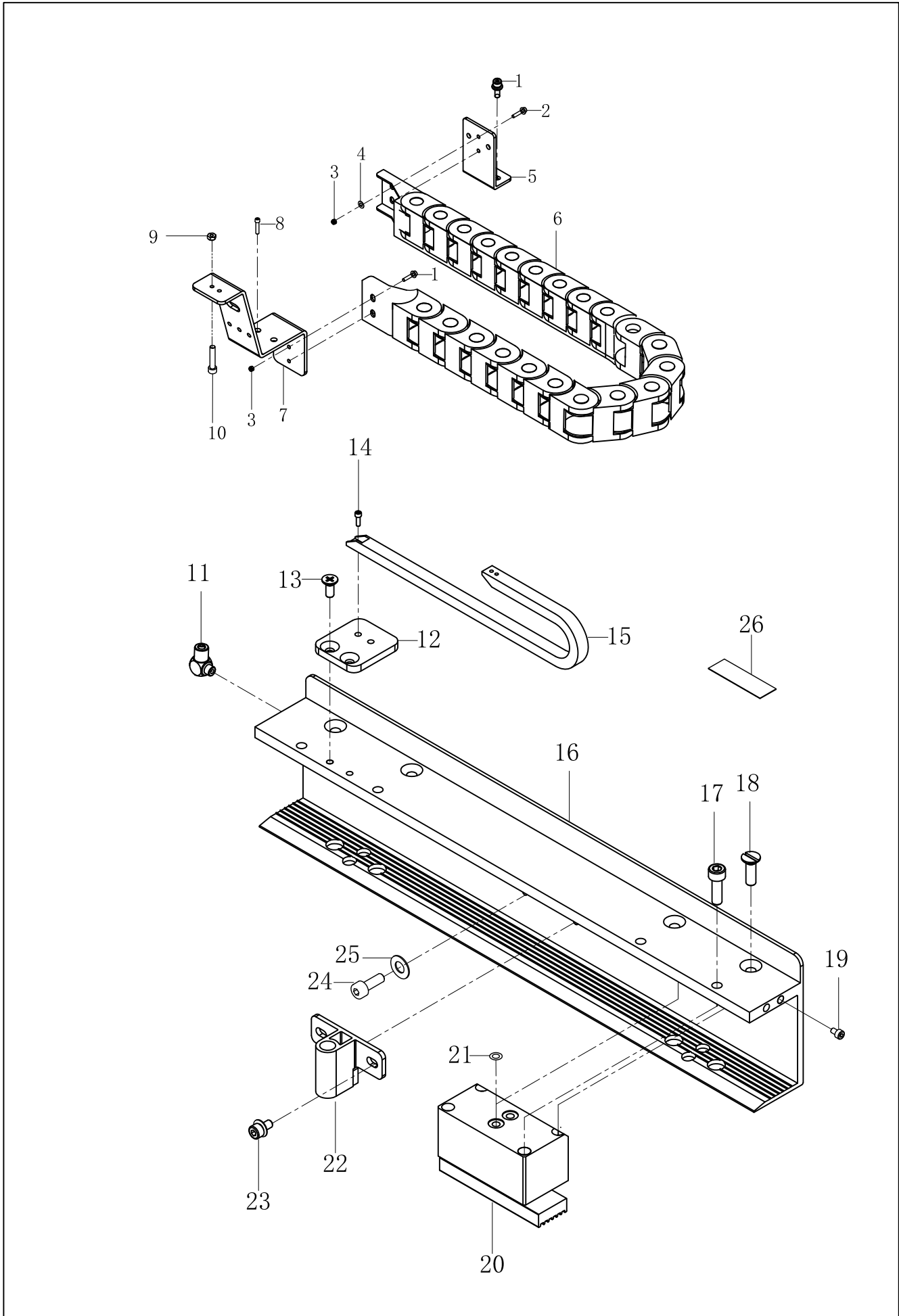


# F1、Y送料装置 / Y Feed mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称          | NAME OF PARTS                             | 数量<br>Amt. | 备注        |
|-----------|-----------------|----------------|-------------------------------------------|------------|-----------|
| 1         | S10019          | 螺钉M6×6(进口)     | Screw M6×6                                | 4          |           |
| 2         | S10019          | 螺钉M6×6(进口)     | Screw M6×6                                | 2          |           |
| 3         | B10018          | 深沟球轴承6002-ZZUR | radial ball bearing 6002-ZZUR             | 1          |           |
| 4         | 14252500200     | Y主同步轮组件        | Y Primary synchronous round               | 1          |           |
| 5         | S10019          | 螺钉M6×6(进口)     | Screw M6×6                                | 4          |           |
| 6         | 41324011        | 轴承6202(带挡圈)    | radial ball bearing                       | 1          |           |
| 7         | 142525004       | 螺旋大齿轮          | Spiral large gear                         | 1          |           |
| 8         | B10018          | 深沟球轴承6002-ZZUR | radial ball bearing 6002-ZZUR             | 1          |           |
| 9         | 14252500200     | Y主同步轮组件        | Y Primary synchronous round               | 1          |           |
| 10        | 41324011        | 轴承6202(带挡圈)    | radial ball bearing                       | 1          |           |
| 11        | H03001          | 轴用弹性挡圈15       | Circlip 15                                | 2          |           |
| 12        | 142502020       | Y同步轮轴          | Y drives the left vertical                | 1          |           |
| 13        | 421S13035       | 内六角圆柱头螺钉M4×8   | Screw M4×8                                | 8          |           |
| 14        | 142501021       | Y送料左联接座        | Y LEFT JOIN feeding seats                 | 1          |           |
| 15        | 413s13017       | 内六角圆柱头螺钉M4×10  | Screw M4×10                               | 8          |           |
| 16        | 142512164       | Y同步带齿形夹板       | Y Synchronous belt tooth - shaped plywood | 1          |           |
| 17        | 142524008       | Y导轨            | Y track                                   | 2          |           |
| 18        | B10015          | 深沟球轴承6900-ZZNR | radial ball bearing 6900-ZZNR             | 2          |           |
| 19        | 14173501000     | X-右轮           | X-right wheel                             | 2          |           |
| 20        | B10015          | 深沟球轴承6900-ZZNR | radial ball bearing 6900-ZZNR             | 2          |           |
| 21        | 142502022       | 从动轮支轴          | Passive wheel axis                        | 2          |           |
| 22        | 42522031        | 导轨孔塞           | track stopple                             | 18         |           |
| 23        | s05133          | 螺钉M4×12        | Screws M4×12                              | 12         |           |
| 24        | 41728001        | 平垫圈10          | flat washer 10                            | 2          |           |
| 25        | S10008          | 紧定螺钉M4×6       | Screw M4×6                                | 4          |           |
| 26        | 421s13059       | 螺钉M5×20(带垫)    | Bolt M5×16                                | 4          |           |
| 27        | 142501023       | 从动轮座           | Passive wheel seat                        | 2          |           |
| 28        | 142535008       | Y同步带5M         | Y Timing Belts 5M                         | 2          |           |
| 29        | 142512164       | Y同步带齿形夹板       | Y Synchronous belt tooth - shaped plywood | 1          |           |
| 30        | 142501026       | Y送料右联接座        | Y RIGHT JOIN feeding seats                | 1          |           |
| 31        | 413s13017       | 内六角圆柱头螺钉M4×10  | Screw M4×10                               | 8          |           |
| 32        | 421s13035       | 内六角圆柱头螺钉M4×8   | Screw M4×8                                | 8          |           |
| 33        | N01024          | 六角螺母M4         | Nut M4                                    | 2          |           |
| 34        | 403s13016       | 螺钉M4×20        | Screws M4×20                              | 1          |           |
| 35        | s05133          | 螺钉M4×12        | Screws M4×12                              | 2          |           |
| 36        | 142512141       | 横梁调节板          | Beam shutter                              | 1          |           |
| 37        | 421s10022       | 十字半圆头螺钉        | Cross round head screws                   | 3          |           |
| 38        | 930001103       | 油脂盖板           | Fat cover                                 | 1          | 142512148 |
| 39        | 142525003       | 螺旋小齿轮          | Spiral small gear                         | 1          |           |
| 40        | S10019          | 螺钉M6×6(进口)     | Screw M6×6                                | 2          |           |
| 41        | 141824002       | 单向推力轴承(12*26)  | one direction thrust bearing (12*26)      | 1          |           |
| 42        | 142533009       | Y步进电机          | stepmotor (picture)                       | 1          |           |
|           | 142533014       | Y步进电机(大豪)      | stepmotor(DAHAO)                          | 1          |           |
| 43        | s05111          | 内六角螺钉M6×20(滚花) | Screws M6×12                              | 4          |           |
| 44        | 142522014       | 橡胶头螺钉M6×45     | Rubber head screws M6×45                  | 2          |           |
| 45        | 205S16005       | 螺母M6           | Nut M6                                    | 2          |           |
| 46        | 142512161       | Y传感器安装板        | Sensor mounting plate                     | 1          |           |
| 47        | 417s30034       | 螺栓(带垫圈)M4×14   | Screws M5×12                              | 2          |           |
| 48        | L01863          | 螺栓M5×60        | Screws M5×12                              | 2          |           |
| 49        | 1421NS16002     | 螺母M5           | Nut M5                                    | 2          |           |
| 50        | 41728028        | 垫圈5            | Washer 5                                  | 2          |           |
| 51        | 41730851        | 传感器            | sensor                                    | 2          |           |
| 52        | 41826011        | 圆柱销6×15        | Cylindrical pin 6 x 15                    | 1          |           |

| 变更记录 |        |          |               |              |
|------|--------|----------|---------------|--------------|
| 序号   | 件号     | 零部件名称    | NAME OF PARTS | 使用时间         |
| 25   | S10007 | 紧定螺钉M4×4 | Screw M4×4    | 至2023. 8. 15 |
|      | S10008 | 紧定螺钉M4×6 | Screw M4×6    | 2023. 8. 15- |

G1、压紧夹具装置 / Pressing fixture mechanism



# G1、压紧夹具装置 / Pressing fixture mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称            | NAME OF PARTS                       | 数量<br>Amt. | 备注        |
|-----------|-----------------|------------------|-------------------------------------|------------|-----------|
| 1         | 417s30034       | 螺钉M4×14(滚花)      | Screw (with washer) M4×14           | 2          |           |
| 2         | 417s30034       | 螺钉M4×14(滚花)      | Screw (with washer) M4×14           | 4          |           |
| 3         | 407N01002       | 自锁螺母             | Self-locking nut M4                 | 4          |           |
| 4         | W01001          | 平垫圈4             | Flat washer 4                       | 2          |           |
| 5         | 42512025        | 大坦克链支架板          | Energy chain bracket                | 1          |           |
| 6         | 42511012        | 大坦克链组件           | Cable drag chain                    | 1          |           |
| 7         | 930001099       | Y拖链支架            | Y drag chain bracket                | 1          | 142512155 |
| 8         | 417s30036       | 螺钉M5×12(带垫圈)(滚花) | Screw ST5×12                        | 2          |           |
| 9         | N08008          | 自锁螺母M3           | Nut M3                              | 2          |           |
| 10        | 421S11001       | 螺钉M3×12(带垫圈)     | Screw M3×12                         | 2          |           |
| 11        | 42230519        | 微型接头M-5HLH-4     | Miniature connector M-5HLH-4        | 2          |           |
| 12        | 142512157       | 拖链转接板            | Tow chain adapter plate             | 1          |           |
| 13        | 407S17001       | 十字沉头螺钉           | Countersunk head screw M4×10        | 2          |           |
| 14        | S02032          | 螺钉M3×6           | Screw M4×6                          | 2          |           |
| 15        | 142511015       | 小坦克链             | A small tank chain                  | 1          |           |
| 16        | 142542017       | 压框架              | Pressure framework                  | 1          |           |
| 17        | S05124          | 内六角螺钉M5×16       | Bolt M5×16(Knurlled, Nickel plated) | 2          |           |
| 18        | 421S17005       | 开槽沉头螺钉M5×13      | Screw M5×13                         | 2          |           |
| 19        | 413S13010       | 螺钉M5×8           | screw M5×8                          | 2          |           |
| 20        | 142045017       | 下压气缸B            | Cylinder B                          | 2          |           |
| 21        | 142022007       | O形圈6×1           | O-ring 6×1                          | 4          |           |
| 22        | 142542016       | 定位块              | Positioning block                   | 1          |           |
| 23        | 421S13012       | 内六角螺钉M4×10       | Screw M4×10                         | 2          |           |
| 24        | S05123          | 螺钉M5×12(滚花)      | Bolt M5×16(Knurlled, Nickel plated) | 2          |           |
| 25        | 41728028        | 垫圈5              | Washer 5                            | 2          |           |
| 26        | 141831029       | 3M200系列防滑胶带25    | Teflon tape 0.13×25                 | 0.5M       |           |

This exploded view diagram illustrates the assembly of a mechanical device, likely a pump or actuator. The components are numbered 1 through 26. The assembly process is as follows:

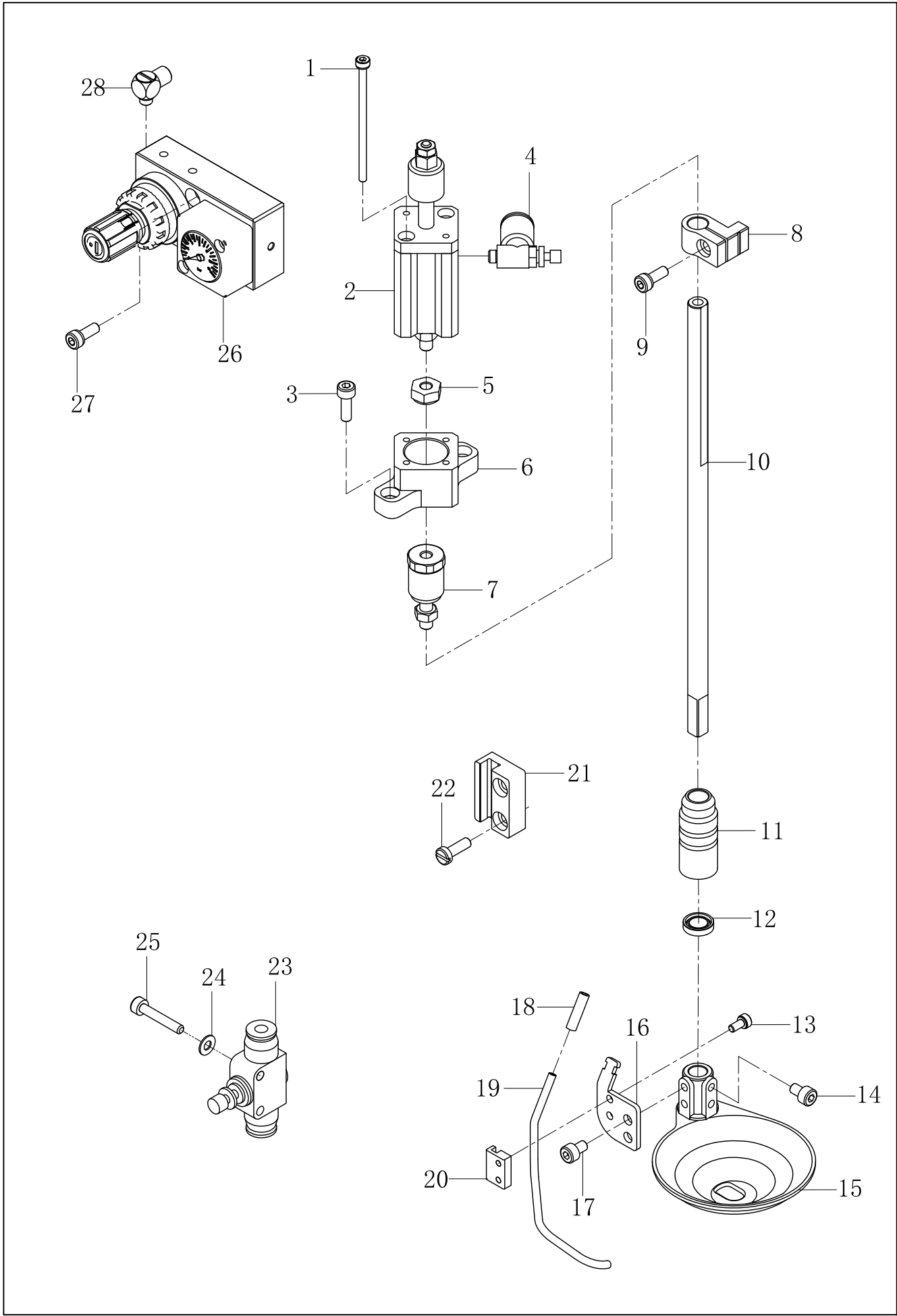
- Component 1** (Main Housing) is the base unit.
- Component 2** (Pin) is inserted into the top of **Component 1**.
- Component 3** (Flange) is mounted onto the shaft of **Component 1**.
- Component 4** (Pin) is inserted into the side of **Component 3**.
- Component 5** (Pin) is inserted into the side of **Component 3**.
- Component 6** (Flange) is mounted onto the shaft of **Component 3**.
- Component 7** (Seal) is installed between **Component 3** and **Component 6**.
- Component 8** (Bracket) is mounted onto the side of **Component 6**.
- Component 14** (Pin) is inserted into the bracket **8**.
- Component 15** (Pin) is inserted into the bracket **8**.
- Component 9** (Bracket) is mounted onto the side of **Component 6**.
- Component 10** (Pin) is inserted into the bracket **9**.
- Component 11** (Pin) is inserted into the bracket **9**.
- Component 12** (Pin) is inserted into the bracket **9**.
- Component 13** (Bracket) is mounted onto the side of **Component 6**.
- Component 16** (Pin) is inserted into the bracket **13**.
- Component 17** (Bracket) is mounted onto the side of **Component 6**.
- Component 18** (Pin) is inserted into the bracket **17**.
- Component 19** (Pin) is inserted into the bracket **17**.
- Component 20** (Pin) is inserted into the bracket **17**.
- Component 21** (Pin) is inserted into the bracket **17**.
- Component 22** (Bracket) is mounted onto the side of **Component 6**.
- Component 23** (Pin) is inserted into the bracket **22**.
- Component 24** (Pin) is inserted into the bracket **22**.
- Component 25** (Pin) is inserted into the bracket **22**.

H1、电子中压脚装置 / Electronic presser foot mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称             | NAME OF PARTS                             | 数量<br>Amt. | 备注 |
|-----------|-----------------|-------------------|-------------------------------------------|------------|----|
| 1         | 142533001       | 中压脚电机             | Medium presser foot motor                 | 1          |    |
| 2         | S05087          | 螺钉M5×12           | Screw M5×12                               | 4          |    |
| 3         | 142012010       | 中压脚电机安装板          | Intermediate presser motor mounting plate | 1          |    |
| 4         | S05124          | 螺钉M5×16           | Screw M5×16                               | 4          |    |
| 5         | S05087          | 螺钉M5×12           | Screw M5×12                               | 2          |    |
| 6         | 142001029       | 轴承安装板             | Bearing pedestal                          | 1          |    |
| 7         | B04036          | 球轴承61900          | Ball bearing 61900                        | 1          |    |
| 8         | 142004001       | 中压脚摇杆             | Intermediate presser rocker               | 1          |    |
| 9         | 14200500100     | 中压脚连杆组件           | Intermediate presser foot link assembly   | 1          |    |
| 10        | 142026002       | 连杆销               | Link pin                                  | 1          |    |
| 11        | 1420NS20001     | 轴位螺钉M6×0.75       | Screw M6×0.75                             | 1          |    |
| 12        | 142003006       | 工程塑料轴套GLW-0709-05 | plastic sleeve GLW-0709-05                | 2          |    |
| 13        | 142005001       | 中压脚连杆             | Intermediate presser connecting rod       | 1          |    |
| 14        | S09019          | 螺钉M5×5            | Screw M5×5                                | 1          |    |
| 15        | S05004          | 螺钉M5×14           | Screw M5×14                               | 1          |    |
| 16        | S05949          | 螺钉M4×8            | Screw M4×8                                | 1          |    |
| 17        | 41709020        | 压紧杆接头             | Compression rod connector                 | 1          |    |
| 18        | 41822101        | 橡胶套               | Rubber sleeve                             | 1          |    |
| 19        | 41803031        | 中压杆轴套             | Medium pressure rod bushing               | 1          |    |
| 20        | 41822612        | 油封9-15-4          | Oil seal 9-15-4                           | 1          |    |
| 21        | 142502044       | 压紧杆F              | Compression rod F                         | 1          |    |
| 22        | 142016007       | 中压脚1.6            | Intermediate presser foot                 | 1          |    |
| 23        | 41712009        | 护指器               | Finger guard                              | 1          |    |
| 24        | 41728025        | 平垫圈L3.5           | Flat washer L3.5                          | 1          |    |
| 25        | 417S15011       | 螺钉SM3.57          | Screw SM3.57                              | 1          |    |
| 26        | W01009          | 垫圈5               | The gasket 5                              | 2          |    |

| 变更记录 |           |       |                   |            |
|------|-----------|-------|-------------------|------------|
| 序号   | 件号        | 零部件名称 | NAME OF PARTS     | 使用时间       |
| 21   | 142002004 | 压紧杆F  | Compression rod F | 至2024.6.15 |
|      | 142502044 | 压紧杆F  | Compression rod F | 2024.6.15- |

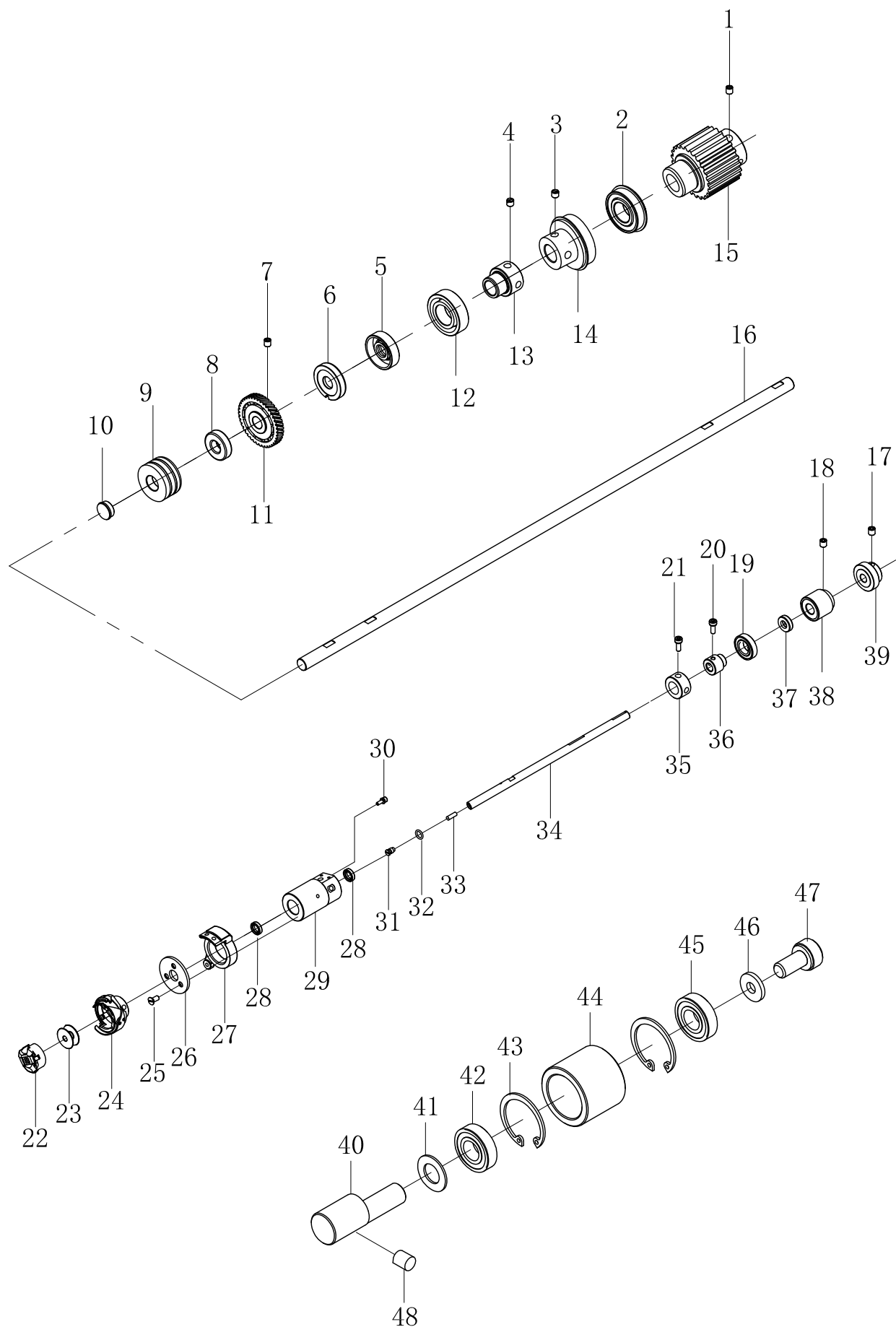
I1、大压脚装置 / External work clamp mechanism



# I1、大压脚装置 / External work clamp mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称           | NAME OF PARTS                              | 数量<br>Amt. | 备注 |
|-----------|-----------------|-----------------|--------------------------------------------|------------|----|
| 1         | S05330          | 螺钉M3×45         | Screw M3×45                                | 2          |    |
| 2         | 142045004       | 大压脚气缸           | Large pressure foot cylinder               | 1          |    |
| 3         | S05133          | 螺钉M4×12         | Screw M4×12                                | 2          |    |
| 4         | 142045021       | 接头ASL4-M5-XLAHz | Connector ASL4-M5                          | 2          |    |
| 5         | 407N01001       | 自锁螺母M5          | Self-locking nut M5                        | 2          |    |
| 6         | 142001006       | 大压脚气缸安装板        | Large presser foot cylinder mounting plate | 1          |    |
| 7         | 4250400600      | 大压脚气缸联接器组件      | Floating joint                             | 1          |    |
| 8         | 142009005       | 大压脚压杆导架         | Large presser foot lever guide             | 1          |    |
| 9         | S05949          | 螺钉M4×8          | Screw M4×8                                 | 1          |    |
| 10        | 142002007       | 大压脚杆            | Large presser foot rod                     | 1          |    |
| 11        | 142003008       | 大压杆防尘轴套         | Large pressure rod dustproof sleeve        | 1          |    |
| 12        | 11522001        | 油封              | Oil seal                                   | 1          |    |
| 13        | S05192          | 螺钉M3×6          | Screw M3×6                                 | 2          |    |
| 14        | S05115          | 螺钉M4×6          | Screw M4×6                                 | 2          |    |
| 15        | 14251213700     | 大压脚K组件          | Large presser foot K assembly              | 1          |    |
| 16        | 142012021       | 铜管安装板           | Copper tube mounting plate                 | 1          |    |
| 17        | S05115          | 螺钉M4×6          | Screw M4×6                                 | 2          |    |
| 18        | 141845007       | 软管TUS0425N      | Hose TUS0425N                              | 0.2        |    |
| 19        | 142021001       | 铜管U             | Copper tube U                              | 1          |    |
| 20        | 41801064        | 铜管压板            | Copper tube pressure plate                 | 1          |    |
| 21        | 42509004        | 导架滑槽            | Guide Chute                                | 1          |    |
| 22        | S05133          | 螺钉M4×12         | Screw M4×12                                | 2          |    |
| 23        | 41845232        | T形接管KJT04       | T type tube KJT04                          | 1          |    |
| 24        | W01002          | M3垫片            | M3 washer                                  | 1          |    |
| 25        | S01591          | 螺钉M3×18         | Screw M3×18                                | 1          |    |
| 26        | 142045019       | 压力调节器AR1000     | Pressure regulator mounting plate          | 1          |    |
| 27        | S05119          | 螺钉M4×20         | Screw M4×20                                | 2          |    |
| 28        | 42230519        | 微型接头M-5HLH-4    | Miniature connector M-5HLH-4               | 2          |    |

# J1、下轴装置 / Lower shaft mechanism

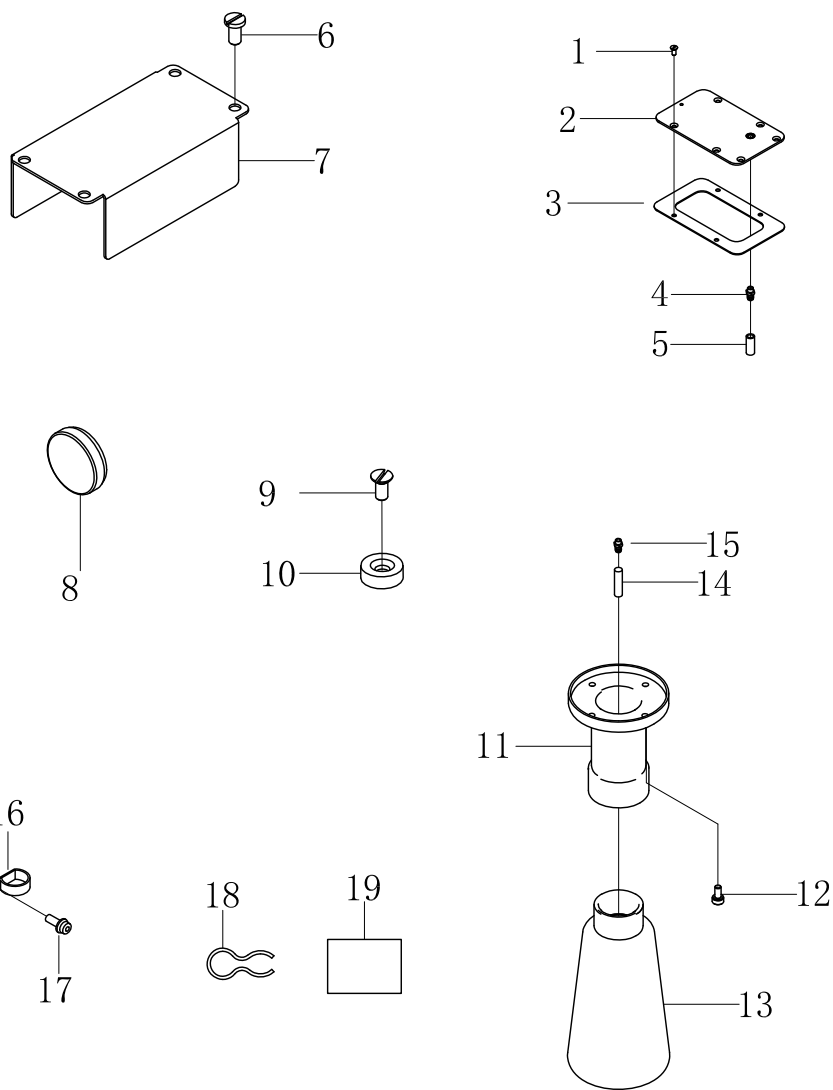


J1、下轴装置 / Lower shaft mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称         | NAME OF PARTS                     | 数量<br>Amt. | 备注 |
|-----------|-----------------|---------------|-----------------------------------|------------|----|
| 1         | S10019          | 螺钉M6×6        | Screw M6×6                        | 2          |    |
| 2         | B10012          | 深沟球轴承6004     | Deep groove ball bearing          | 1          |    |
| 3         | S10019          | 螺钉M6×6        | Screw M6×6                        | 2          |    |
| 4         | S10019          | 螺钉M6×6        | Screw M6×6                        | 2          |    |
| 5         | 13722022        | 抬牙轴油封         | Oil seal for lifting tooth shaft  | 1          |    |
| 6         | 13703034        | 下主动轴油封中套      | Lower drive shaft oil seal sleeve | 1          |    |
| 7         | S10019          | 螺钉M6×6        | Screw M6×6                        | 2          |    |
| 8         | B01058          | 深沟球轴承6001-Z   | Deep groove ball bearing 6001-Z   | 1          |    |
| 9         | 142503009       | 同步轴轴套         | Synchronous shaft sleeve          | 1          |    |
| 10        | 41722004        | 橡皮塞15.5       | Rubber plug 15.5                  | 1          |    |
| 11        | 14202500100     | 大齿轮组件         | Large gear assembly               | 1          |    |
| 12        | B04126          | 轴承6003-2RS    | Integrated bearings 6003-2RS      | 1          |    |
| 13        | 11403013        | 送料驱动轴轴承套      | Feed drive shaft bearing sleeve   | 1          |    |
| 14        | 142524007       | 一体轴承6003(带挡边) | Integrated bearings 6003(ring)    | 2          |    |
| 15        | 142525001       | 下同步轮          | The synchronous wheel             | 1          |    |
| 16        | 142502017       | 下同步轮轴         | Lower synchronous axle            | 1          |    |
| 17        | S10019          | 螺钉M6×6        | Screw M6×6                        | 2          |    |
| 18        | S10078          | 螺钉M5×4        | Screw M5×4                        | 1          |    |
| 19        | B01060          | 轴承6901ZZ      | Bearing 6901ZZ                    | 1          |    |
| 20        | 113S14002       | 内六角凹端紧定螺钉     | Screw                             | 2          |    |
| 21        | 1420NS13001     | 内六角圆柱头紧定螺钉    | Screw                             | 2          |    |
| 22        | 42218002        | 梭心套组件         | Bobbin sleeve assembly            | 1          | L  |
| 23        | 10818501        | 大梭心           | Big bobbin                        | 1          | L  |
| 24        | 41818201        | 旋梭组件          | Hook                              | 1          | L  |
| 25        | s02031          | 螺钉M3×5        | Screw the M4×4                    | 1          |    |
| 26        | 14112005        | 刀架压板          | The tool holder pressure plate    | 1          |    |
| 27        | 142504012       | 剪刀刀架          | The Shear line tool               | 1          |    |
| 28        | 11522001        | 油封组件          | Oil seal                          | 2          |    |
| 29        |                 |               |                                   |            |    |
| 30        | 1142201400      | 下轴前轴套油封组件     | Oil seal                          | 1          |    |
| 31        | 141803006       | 下轴油芯套         | Lower shaft plunger sleeve        | 1          |    |
| 32        | 141822002       | O形圈           | o-ring                            | 1          |    |
| 33        | 141823001       | 下轴限油芯         | Lower shaft limiting oil core     | 1          |    |
| 34        | 142502041       | 下轴            | The axis                          | 1          |    |
| 35        | 42508003        | 挑线连杆销紧圈       | Tight ring                        | 1          |    |
| 36        | 41803028        | 下轴轴承套         | Lower shaft bearing sleeve        | 1          |    |
| 37        | 10122015        | 油封            | Oil seal                          | 1          |    |
| 38        | 142003017       | 下轴中轴套         | Shaft sleeve in lower shaft       | 1          |    |
| 39        | 142025002       | 斜齿轮           | Helical gear                      | 1          |    |
| 40        | 142002030       | 张紧轮偏心销        | Eccentric shaft                   | 1          |    |
| 41        | 41728001        | 平垫圈10         | Flat washer 10                    | 1          |    |
| 42        | B04036          | 轴承61900       | Bearings 61900                    | 1          |    |
| 43        | H01122          | 孔用弹性挡圈        | Circlips for holes                | 2          |    |
| 44        | 142003028       | 张紧轮B          | Tensioner                         | 1          |    |
| 45        | B04036          | 轴承61900       | Bearings 61900                    | 1          |    |
| 46        | 41828611        | 平垫圈M5         | Flat washer M5                    | 1          |    |
| 47        | 413S13010       | 螺钉M5×8        | Screw M5×8                        | 1          |    |
| 48        | S10024          | 螺钉M5×10       | Screw M5×10                       | 1          |    |
| 49        | 14250301800     | 泵轴套组件         | Pump bushing assembly             | 1          |    |

| 变更记录 |             |       |                       |                        |
|------|-------------|-------|-----------------------|------------------------|
| 序号   | 件号          | 零部件名称 | NAME OF PARTS         | 使用时间                   |
| 29   | 142503018   | 泵轴套   | Pump shaft sleeve     | 至2023. 12. 7           |
|      | 142503022   | 泵轴套B  | Pump shaft sleeve B   | 2023. 12. 7-2024. 5. 7 |
| 49   | 14250301800 | 泵轴套组件 | Pump bushing assembly | 2024. 5. 7-            |

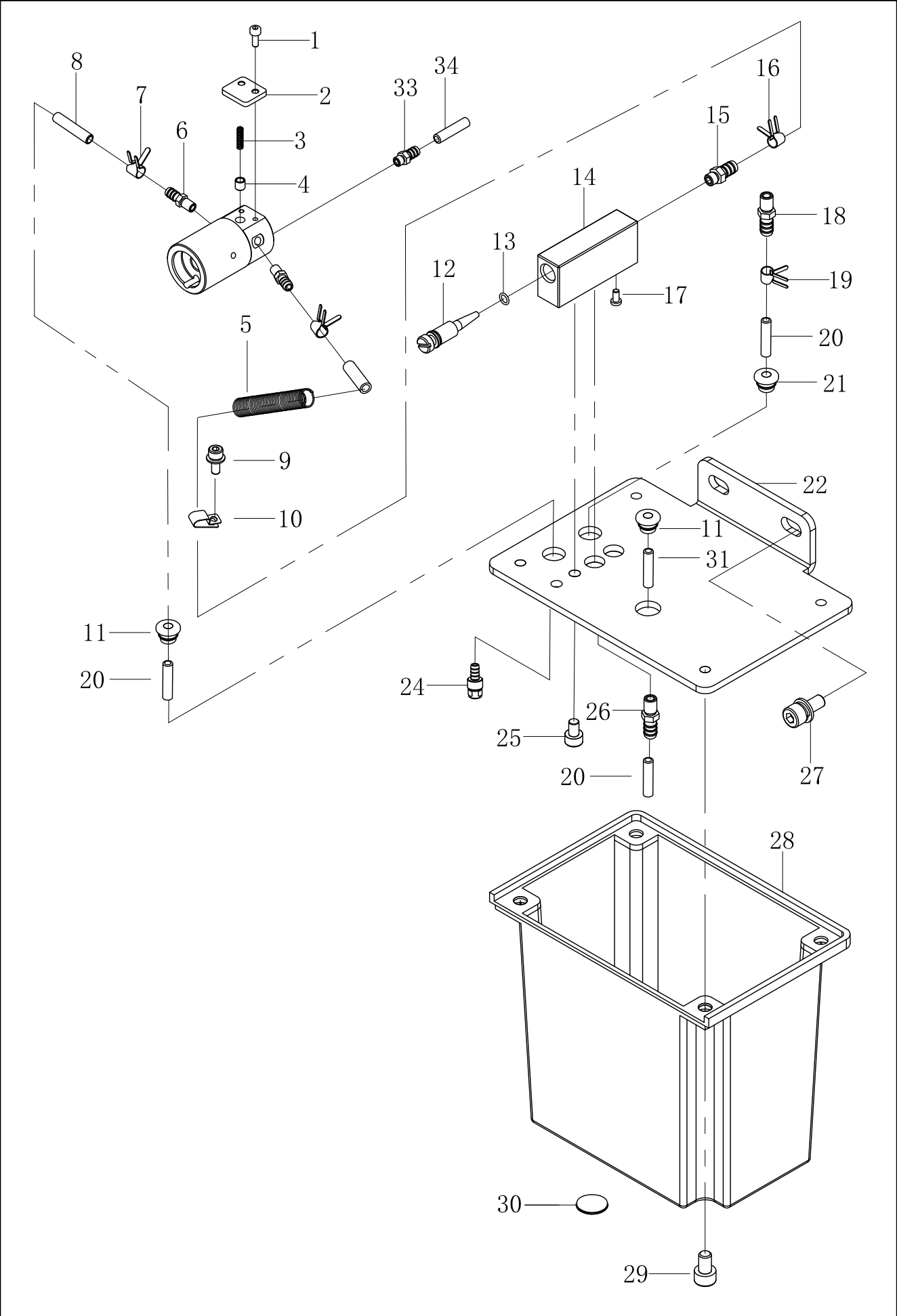
K1、供油润滑装置 / Lubrication mechanism



## K1、供油润滑装置 / Lubrication mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称                     | NAME OF PARTS              | 数量<br>Amt. | 备注 |
|-----------|-----------------|---------------------------|----------------------------|------------|----|
| 1         | S02039          | 螺钉M4×9                    | Screw the M4×9             | 4          |    |
| 2         | 14251214700     | 齿轮箱盖板组件                   | Gearbox cover assembly     | 1          |    |
| 3         | 142522010       | 齿轮箱盖垫板                    | Gear box cover plate       | 1          |    |
| 4         | 41736303        | 油管嘴B                      | The line B                 | 1          |    |
| 5         | 12921005        | 油管 $\phi 4 \times \phi 6$ | The tubing from 4×6        | 0.05       |    |
| 6         | 417S15008       | 螺钉M4×8                    | Screw M4×8                 | 4          |    |
| 7         | 142512222       | 挡油板B                      | Oil baffle B               | 1          |    |
| 8         | 142522008       | 橡胶塞38                     | Rubber plug 38             | 1          |    |
| 9         | S02039          | 螺钉M4×9                    | Screw the M4×9             | 1          |    |
| 10        | 142047002       | 圆磁铁                       | Round the magnet           | 1          |    |
| 11        | 40311010        | 油壶接头                      | The oil can joint          | 1          |    |
| 12        | S05094          | 螺栓M3×8                    | Bolt M3×8                  | 4          |    |
| 13        | 40311011        | 接油壶                       | After oil can              | 1          |    |
| 14        | 12923018        | 油线4×4                     | Line 4×4                   | 0.2        |    |
| 15        | 12936004        | 油嘴管                       | The line                   | 1          |    |
| 16        | 41711014        | 电线夹16                     | Wire clip 16               | 6          |    |
| 17        | 417S30025       | 螺栓(带垫圈)M4×10DB            | Bolt (with washer) M4×10DB | 4          |    |
| 18        | 10127015        | 回油毡夹                      | Return linoleum clip       | 1          |    |
| 19        | 142023003       | 回油毡                       | Return oil felt            | 1          |    |

K2、旋梭供油装置 / Hook oil supply mechanism

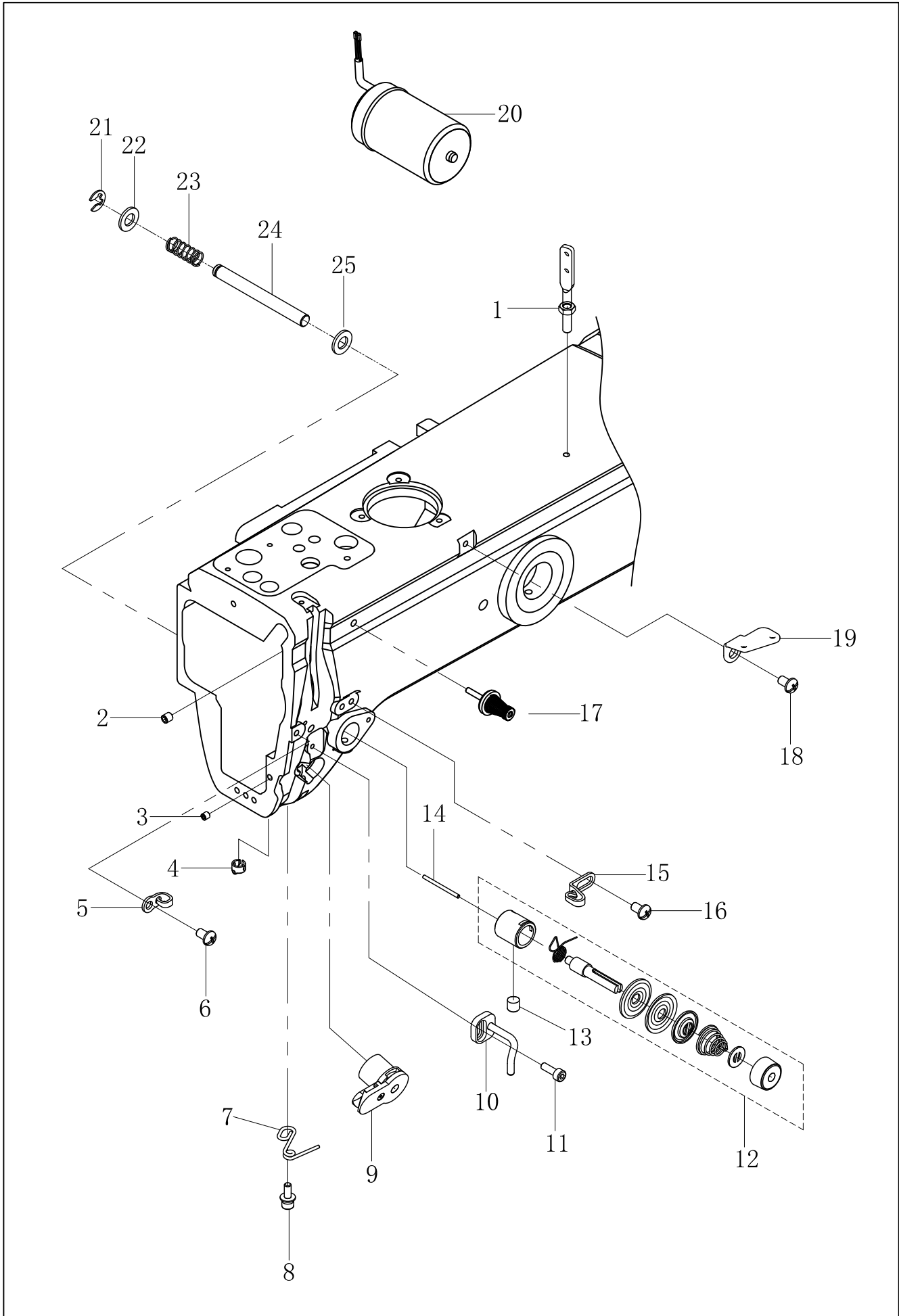


K2、旋梭供油装置 / Hook oil supply mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称            | NAME OF PARTS                 | 数量<br>Amt. | 备注 |
|-----------|-----------------|------------------|-------------------------------|------------|----|
| 1         | S05094          | 螺钉M3×8           | Screw M3 x 8                  | 1          |    |
| 2         | 41812093        | 柱塞弹簧压板           | Plunger spring pressure plate | 1          |    |
| 3         | 11427021        | 柱塞弹簧             | return tubing spring          | 1          |    |
| 4         | 10526003        | 柱塞               | Plunger                       | 1          |    |
| 5         | 142527002       | 回油管弹簧            | Return tubing spring          | 1          |    |
| 6         | 142036001       | 油管嘴加长            | Nozzle extension              | 2          |    |
| 7         | 11412055        | Φ5.7油管卡簧         | 5.7 tubing circlip Φ          | 2          |    |
| 8         | 12921002        | 维尼龙油管（Φ3×Φ5）     | Vynlon tubing (3×5)           | 0.7        |    |
| 9         | 421s13012       | 螺钉M4X10（带垫）      | Screw M4×10                   | 1          |    |
| 10        | 41312089        | 线夹               | ViWire clip                   | 1.0        |    |
| 11        | 40322027        | 橡皮塞              | Rubber plug                   | 1          |    |
| 12        | 418S30612       | 调节螺钉             | Adjust the screw              | 1          |    |
| 13        | 001004          | O型圈              | O-rings                       | 1          |    |
| 14        | 142009002       | 调节阀座             | Adjust the seat               | 1          |    |
| 15        | 41836015        | 油管嘴M5            | The line M5                   | 1          |    |
| 16        | 11412055        | Φ5.7油管卡簧         | 5.7 tubing circlip Φ          | 1          |    |
| 17        | s01065          | 螺钉M5×6           | Screw the M5×6                | 1          |    |
| 18        | 41836015        | 油管嘴M5            | The line M5                   | 1          |    |
| 19        | 11412055        | Φ5.7油管卡簧         | 5.7 tubing circlip Φ          | 1          |    |
| 20        | 12921002        | 维尼龙油管（Φ3×Φ5）     | Vynlon tubing (3×5)           | 1          |    |
| 21        | 40322027        | 橡皮塞              | Rubber plug                   | 3          |    |
| 22        | 142512145       | 油壶安装板            | Oil jug mounting plate        | 1          |    |
| 23        | 41722003        | 橡皮塞10.5          | Rubber plug 10.5              | 1          |    |
| 24        | 4183601700      | 滤网组件             | Filter elements               | 1          |    |
| 25        | 417S30302       | 螺钉M4X12（带垫）      | Screw M4×12                   | 2          |    |
| 26        | 41836015        | 油管嘴M5            | The line M5                   | 1          |    |
| 27        | 417s30036       | 螺钉M5×12(带垫圈)(滚花) | Screw M5x 12                  | 2          |    |
| 28        | 41811228        | 油杯               | oil bottle                    | 1          |    |
| 29        | 413S13010       | 螺钉M5×8(滚花)       | Screw the M5×8                | 4          |    |
| 30        | 915624          | 磁铁15×1           | magnet15×1                    | 1          |    |
| 31        | 12921005        | 维尼龙油管(Φ4×Φ6)     | Vynlon tubing (4×6)           | 1.5        |    |

| 变更记录 |             |            |                               |              |
|------|-------------|------------|-------------------------------|--------------|
| 序号   | 件号          | 零部件名称      | NAME OF PARTS                 | 使用时间         |
| 1    | 1425NS30004 | 柱塞螺钉       | Piston screws                 | 至2023. 12. 7 |
|      | S05094      | 螺钉M3×8     | Screw M3 x 8                  | 2023. 12. 7- |
| 2    | 001016      | O型圈 Φ6×1.8 | O-ring                        | 至2023. 12. 7 |
|      | 41812093    | 柱塞弹簧压板     | Plunger spring pressure plate | 2023. 12. 7- |
| 5    | 142503018   | 泵轴套        | Pump shaft sleeve             | 至2023. 12. 7 |
|      | 142527002   | 回油管弹簧      | Return tubing spring          | 2023. 12. 7- |

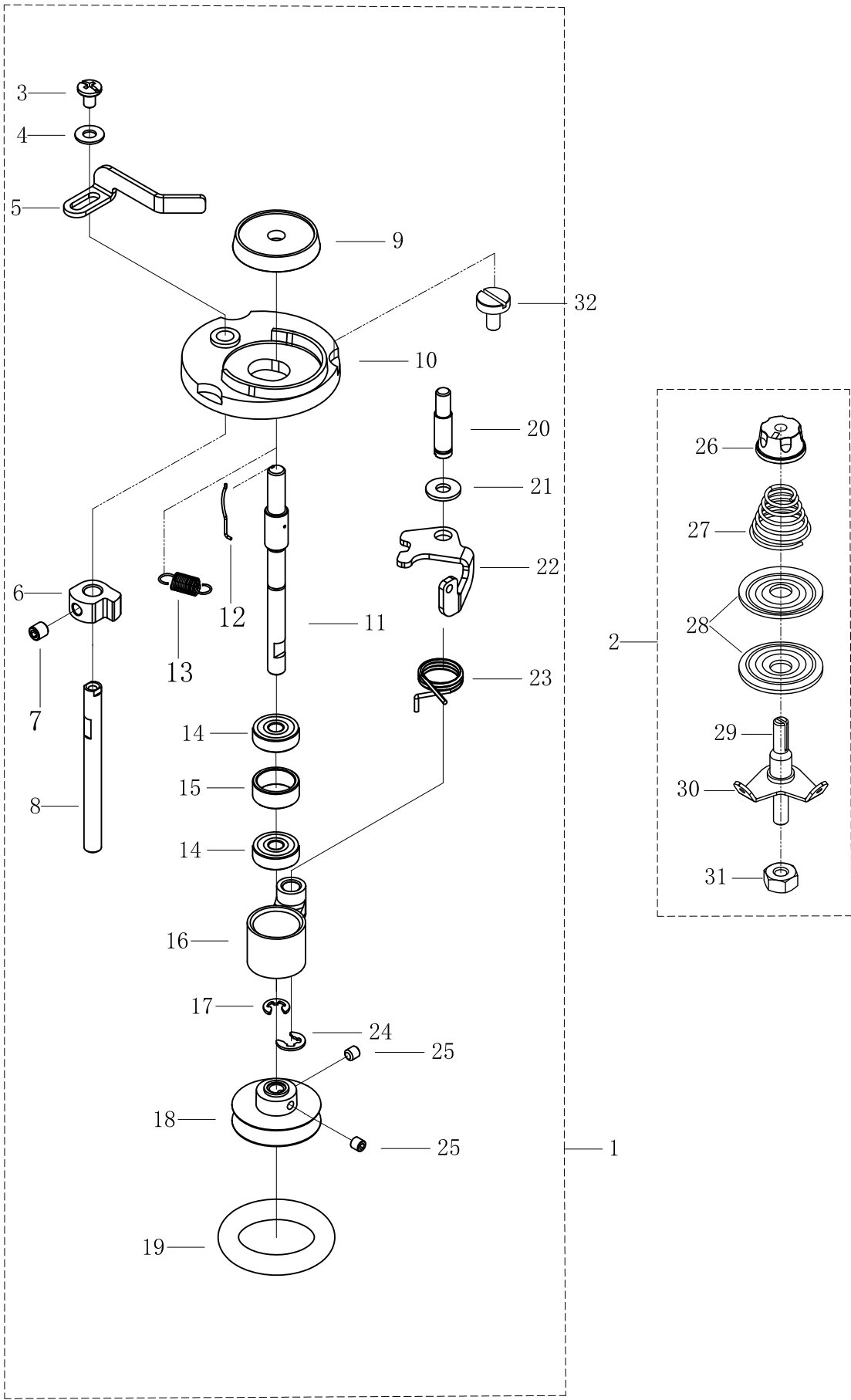
L1、穿线装置 / Threading mechanism



# L1、穿线装置 / Threading mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称       | NAME OF PARTS               | 数量<br>Amt. | 备注 |
|-----------|-----------------|-------------|-----------------------------|------------|----|
| 1         | 1421300100      | 上过线组件       | The pin thread              | 1          |    |
| 2         | S09019          | 螺钉M5×5      | Screw M5×5                  | 1          |    |
| 3         | S09103          | 凹端紧定螺钉M4×4  | Recessed setting screw M4×4 | 1          |    |
| 4         | 142013020       | 针套          | Needle set                  | 1          |    |
| 5         | 41313002        | 左线钩         | The hook of the left line   | 1          |    |
| 6         | S04028          | 螺钉M5×8      | Screw M5×8                  | 1          |    |
| 7         | 142012012       | 线导向F        | Line direction F            | 1          |    |
| 8         | 413S13008       | 螺钉(带垫圈)M4×8 | Screw (with washer)M4×8     | 1          |    |
| 9         | 14253000300     | 电子夹线器组件     | Electronic clamp assembly   | 1          |    |
| 10        | 14201300100     | 线勾组件        | Wire hook component         | 1          |    |
| 11        | S05133          | 螺钉M4×12     | Screw M4×12                 | 1          |    |
| 12        | 4181361200      | 主夹线器组件      | Main clamp assembly         | 1          |    |
| 13        | S10019          | 螺钉M6×6      | Screw M6×6                  | 1          |    |
| 14        | 41702031        | 松线销         | Loose thread pin            | 1          |    |
| 15        | 41712079        | 过线器C        | A line C                    | 1          |    |
| 16        | S04028          | 螺钉M5×8      | Screw M5×8                  | 1          |    |
| 17        | 14201300400     | 副夹线器组件A     | Sub-wire clamp assembly A   | 1          |    |
| 18        | S04028          | 螺钉M5×8      | Screw M5×8                  | 1          |    |
| 19        | 40113004        | 牵线导杆板       | Wire guide rod board        | 1          |    |
| 20        | 142530034       | 松线电磁铁       | Loose wire electromagnet    | 1          |    |
| 21        | H05029          | 挡圈E4        | Retaining ring E4           | 1          |    |
| 22        | W01009          | 垫圈5         | Washer 5                    | 1          |    |
| 23        | 10127003        | 松线辅钉弹簧      | spring                      | 1          |    |
| 24        | 142502019       | 松线杆         | Pine pole                   | 1          |    |
| 25        | W01009          | 垫圈5         | Washer 5                    | 1          |    |

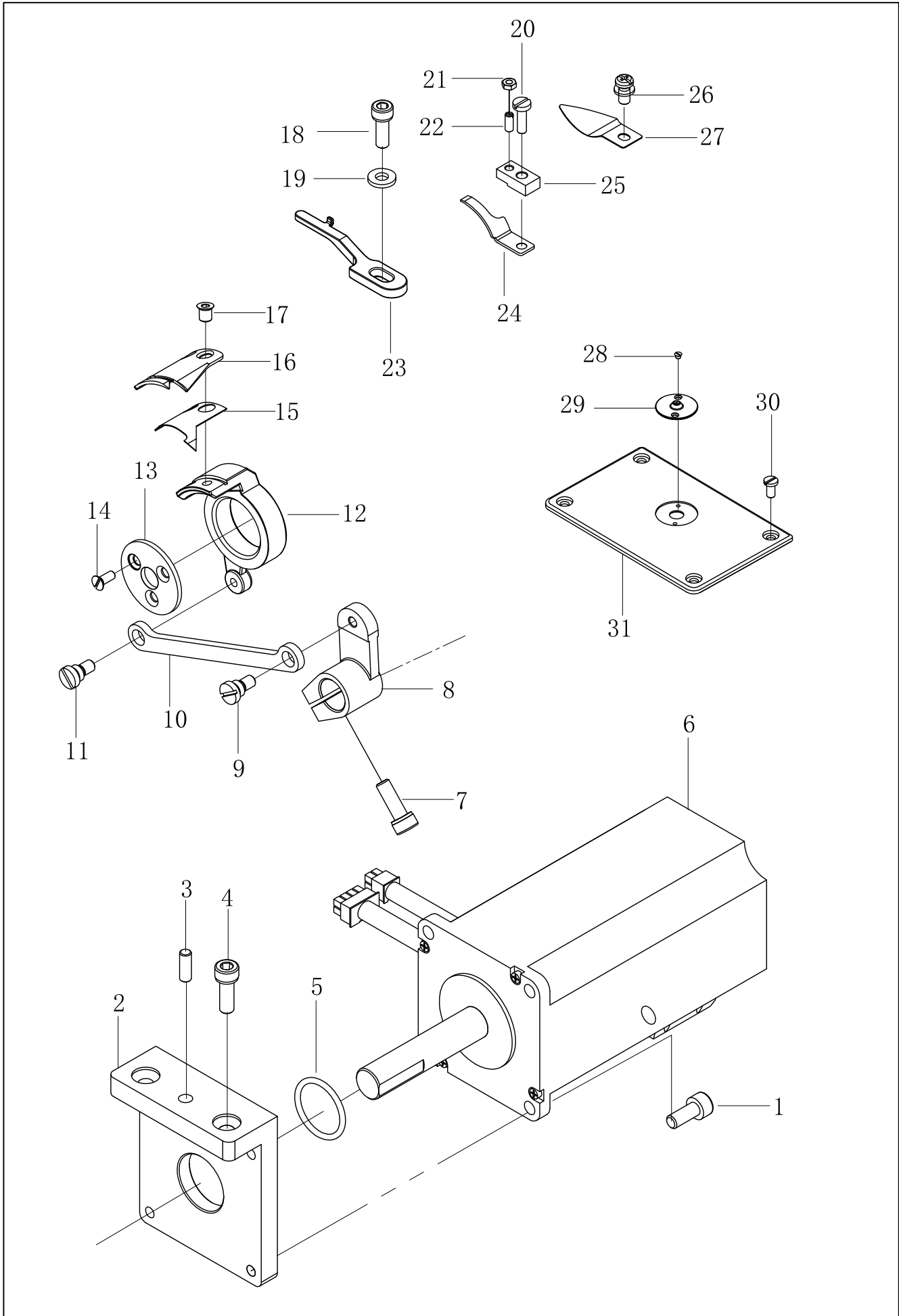
M1、卷线装置 / Bobbin winder mechanism



# M1、卷线装置 / Bobbin winder mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称         | NAME OF PARTS                      | 数量<br>Amt. | 备注 |
|-----------|-----------------|---------------|------------------------------------|------------|----|
| 1         | 14253104200     | 绕线器组件B        | Winding assembly                   | 1          |    |
| 2         | 1411300600      | 底线夹线器         | Baseline clamp                     | 1          |    |
| 3         | 403S11052       | 螺钉M4×6        | Screw the M4 x 6                   | 1          |    |
| 4         | 40328038        | 垫圈            | The gasket                         | 1          |    |
| 5         | 14113002        | 绕线扳手          | Winding wrench                     | 1          |    |
| 6         | 40310008        | 转动卡头          | Turn the card head                 | 1          |    |
| 7         | 403S14022       | 内六角螺钉M5       | Hexagon socket screw M5            | 1          |    |
| 8         | 142502031       | 绕线转动轴         | Wind the axis of rotation          | 1          |    |
| 9         | 41328021        | 梭心垫片          | Robbin gasket                      | 1          |    |
| 10        | 40301026        | 盖板            | Cover plate                        | 1          |    |
| 11        | 142502030       | 绕线器主轴         | Spool spindles                     | 1          |    |
| 12        | 40327021        | 梭心弹簧          | Robbin spring                      | 1          |    |
| 13        | 40327022        | 弹簧            | spring                             | 1          |    |
| 14        | 40324015        | 轴承625Z        | Bearing 625 z                      | 2          |    |
| 15        | 40308012        | 挡圈            | Retaining ring                     | 1          |    |
| 16        | 40304013        | 绕线转动曲柄        | Wind the wire to turn the crank    | 1          |    |
| 17        | 40329006        | 卡簧            | circlip                            | 1          |    |
| 18        | 40303026        | 绕线转动板         | Turn the plate by winding the wire | 1          |    |
| 19        | 40322030        | O形圈           | o-ring                             | 1          |    |
| 20        | 40302014        | 绕线定位轴         | Wind the positioning shaft         | 1          |    |
| 21        | 40312111        | 平垫圈           | Flat washer                        | 1          |    |
| 22        | 40312125        | 控制板           | Control panel                      | 1          |    |
| 23        | 40327023        | 扭簧            | Torsional spring                   | 1          |    |
| 24        | H05003          | 开口挡圈5         | Open retaining ring 5              | 1          |    |
| 25        | S09103          | 螺钉M4×4        | Screw the M4 x 4                   | 2          |    |
| 26        | 141S16019       | 小夹线器螺母        | Collet nut                         | 1          |    |
| 27        | 11427006        | 小夹线弹簧         | Clip wire spring                   | 1          |    |
| 28        | 14112015        | 夹线板           | Thread clamp plate                 | 2          |    |
| 29        | 11413022        | 夹线过线板         | Clamp wire over wire plate         | 1          |    |
| 30        | 112S13004       | 夹线螺钉          | Thread clamp screw                 | 1          |    |
| 31        | 114S16001       | 螺母SM11/64"×40 | Nut SM11/64×40                     | 1          |    |
| 32        | 114S11003       | 螺钉SM3/16"×28  | Nut SM3/16×28                      | 3          |    |
| 33        | 11419001        | 割线刀           | Cutting wire cutter                | 1          |    |

N1、切线装置 / Thread trimmer mechanism

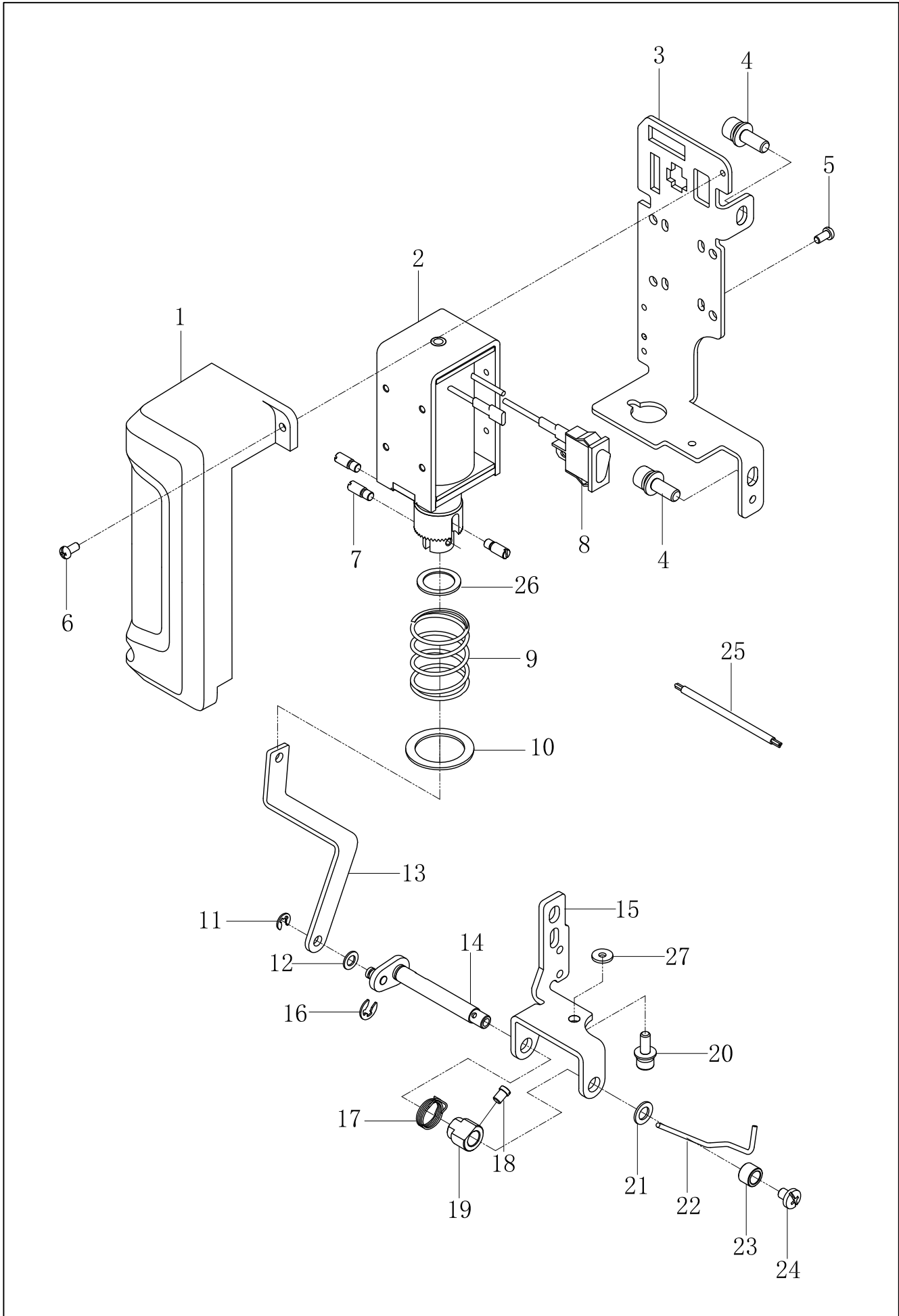


N1、切线装置 / Thread trimmer mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称          | NAME OF PARTS                   | 数量<br>Amt. | 备注 |
|-----------|-----------------|----------------|---------------------------------|------------|----|
| 1         | S05087          | 螺钉M5×12(滚花)    | Screw the M5×12                 | 4          |    |
| 2         | 142509013       | 剪线连杆安装板        | Shear line mounting plate       | 1          |    |
| 3         | 41826011        | 圆柱销6×15        | the cylindrical pin 6×15        | 1          |    |
| 4         | s05124          | 螺钉M5×16(滚花)    | Screw the M5×16                 | 2          |    |
| 5         | 001190          | O型圈Φ10×2       | O-ring Φ10×2                    | 2          |    |
| 6         | 142533010       | 剪线电机           | Cut the line motor              | 1          |    |
| 7         | S05087          | 螺钉M5×12(滚花)    | Screw the M5×12                 | 1          |    |
| 8         | 142505002       | 剪线摆杆           | Shear swing line connecting rod | 1          |    |
| 9         | 1417NS20007     | 轴位螺钉           | Axial screws                    | 1          |    |
| 10        | 142505003       | 剪线连杆           | Shear line connecting rod       | 1          |    |
| 11        | 1417NS20007     | 轴位螺钉           | Axial screws                    | 1          |    |
| 12        | 142504012       | 剪线刀架           | Shear line tool                 | 1          |    |
| 13        | 14112005        | 刀架压板           | Holder plate                    | 1          |    |
| 14        |                 | 开槽沉头螺钉M3×6     | Screw M3×6                      | 3          |    |
| 15        | 141712172       | 护针片            | Nursing - pin chip              | 1          |    |
| 16        | 141719005       | 动刀片            | Rotating Blades                 | 1          |    |
| 17        | 113S17002       | 活动刀固定螺钉        | Screw                           | 2          |    |
| 18        | S05124          | 螺钉M5×16        | Screw the M5×16                 | 1          |    |
| 19        | 41728028        | 垫圈5            | Washers                         | 1          |    |
| 20        | 417s15011       | 螺钉SM9-64×40×12 | Screw SM9-64×40×12              | 1          |    |
| 21        | 409s16025       | 六角螺母           | hex nut                         | 1          |    |
| 22        | 422s30514       | 螺钉SM1-8×44×8   | screwsSM1-8×44×8                | 1          |    |
| 23        | 141812022       | 定位勾            | Fixed hook knife                | 1          |    |
| 24        | 141719006       | 定刀             | fixed knife                     | 1          |    |
| 25        | 142509012       | 定刀压板           | Fixed knife plate               | 1          |    |
| 26        | 201S11009       | 开槽圆柱头螺钉        | Hanging plate screws            | 1          |    |
| 27        | 13612010        | 拦线板            | tension thread guard            | 1          |    |
| 28        | 417S17001       | 螺钉SM2. 38      | Screw SM2. 38                   | 2          |    |
| 29        | 142515005       | 针孔板Φ1.6        | Pinhole plate Φ1.6              | 1          |    |
| 30        | 417S15008       | 螺钉M4×8         | Screw M4×8                      | 4          |    |
| 31        | 142015001       | 针板             | Needle plate                    | 1          |    |

| 变更记录 |           |         |                      |              |
|------|-----------|---------|----------------------|--------------|
| 序号   | 件号        | 零部件名称   | NAME OF PARTS        | 使用时间         |
| 26   | 114S11015 | 挂板螺钉    | Hanging plate screws | 至2023. 6. 13 |
|      | 201S11009 | 开槽圆柱头螺钉 | Hanging plate screws | 2023. 6. 13- |

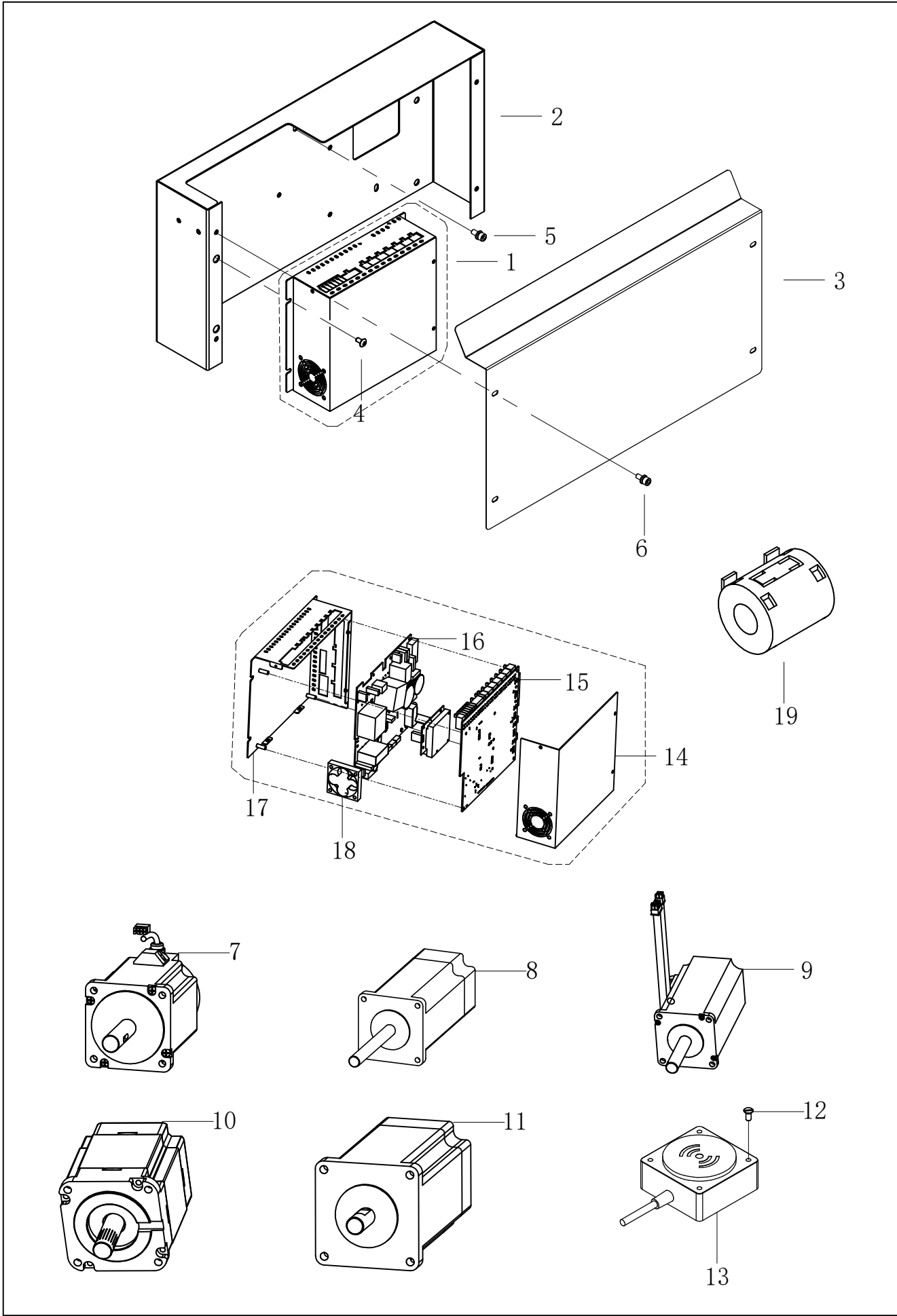
P、扫线装置 / Thread wiper mechanism



# P1、扫线装置 / Thread wiper mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称        | NAME OF PARTS                      | 数量<br>Amt. | 备注 |
|-----------|-----------------|--------------|------------------------------------|------------|----|
| 1         | 141711002       | 电磁铁盖         | Electromagnet cover                | 1          |    |
| 2         | 41730002        | 扫线电磁铁组件      | Sweep line electromagnet assembly  | 1          |    |
| 3         | 142012049       | 扫线电磁铁安装板     | Sweep electromagnet mounting plate | 1          |    |
| 4         | 417S30306       | 螺钉(带垫圈)M5×15 | Screw (with washer)M5×15           | 2          |    |
| 5         | 421S10005       | 螺钉M3×6       | Screw M3×6                         | 4          |    |
| 6         | 421S10005       | 螺钉M3×6       | Screw M3×6                         | 2          |    |
| 7         | 41726007        | 柱塞销          | The piston pin                     | 1          |    |
| 8         | 41730059        | 扫线开关         | Sweep line switch                  | 2          |    |
| 9         | 41727011        | 扫线弹簧         | Sweep line spring                  | 1          |    |
| 10        | 41728011        | 平垫圈          | Flat washer                        | 1          |    |
| 11        | H05002          | 开口挡圈3        | Open retainer 3                    | 1          |    |
| 12        | W01024          | 垫圈4          | Washer 4                           | 1          |    |
| 13        | 141712016       | 扫线杆          | Sweep pole                         | 1          |    |
| 14        | 4170204400      | 扫线曲柄组件       | Sweep crank assembly               | 1          |    |
| 15        | 41712096        | 扫线轴托架        | Sweep reel bracket                 | 1          |    |
| 16        | H05029          | 开口挡圈E4       | Open retainer E4                   | 1          |    |
| 17        | 41727012        | 扭簧           | Torsional spring                   | 1          |    |
| 18        | 417S15005       | 螺钉M3.5×5     | Screw M3.5×5                       | 1          |    |
| 19        | 41708007        | 螺纹紧圈         | Threaded ring                      | 1          |    |
| 20        | 417S30302       | 螺钉M4×12      | Screw the M4×12                    | 1          |    |
| 21        | 41728034        | 垫圈           | The gasket                         | 1          |    |
| 22        | 142527003       | 扫线钢丝         | Sweep line wire                    | 1          |    |
| 23        | 41708008        | 挡线轴挡圈        | Spool retainer                     | 1          |    |
| 24        | 417S15013       | 螺钉M4×5       | Screw the M4×5                     | 1          |    |
| 25        | 41730022        | 两芯线          | Two conductor                      | 2.5        |    |
| 26        | 41722012        | 橡胶垫片         | The rubber gasket                  | 1          |    |
| 27        | W01009          | 垫片5          | Washer 5                           | 1          |    |

R1、电控装置 (X) / Electric control box mechanism

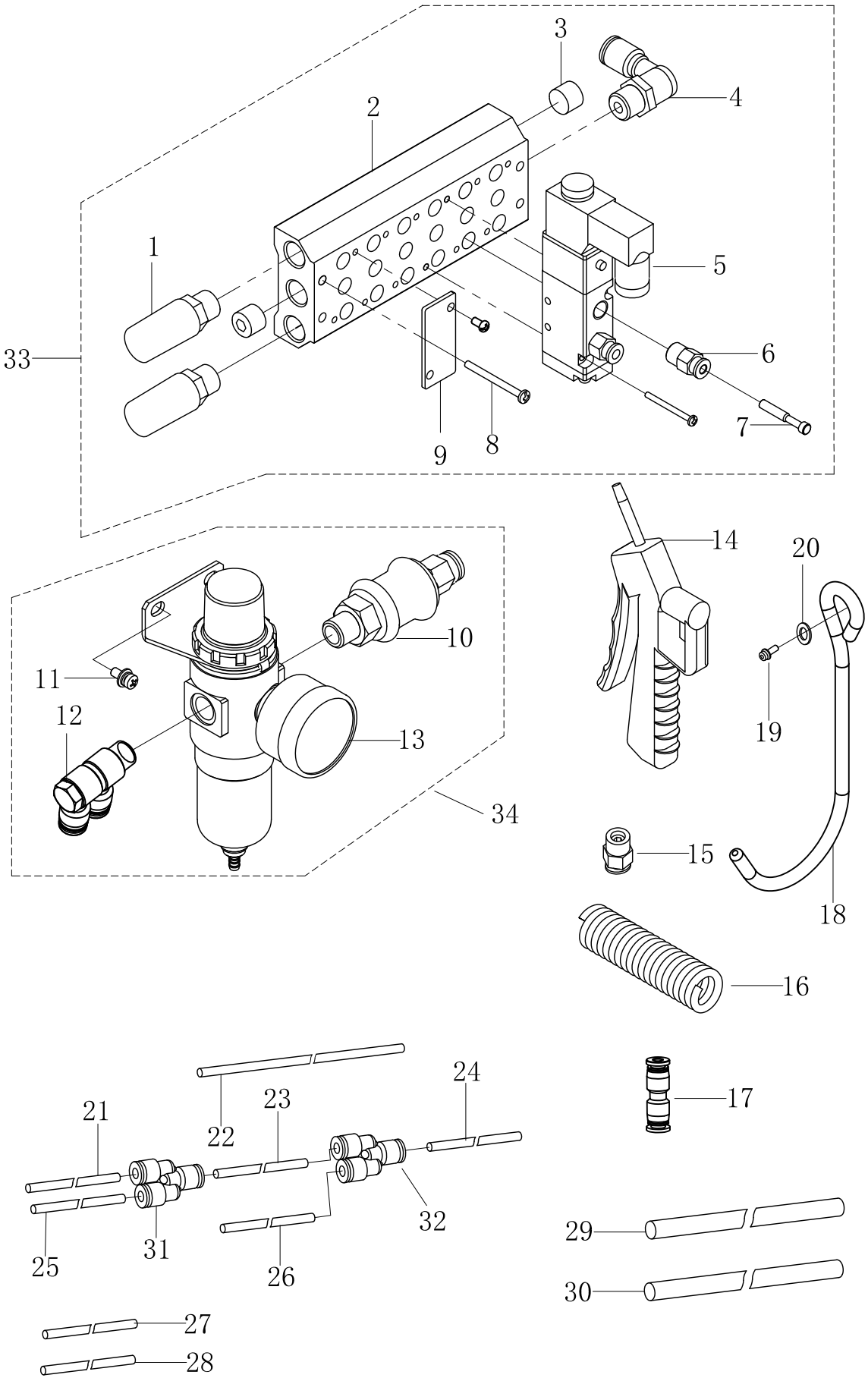


R1、电控装置(X) / Electric control box mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称            | NAME OF PARTS                             | 数量<br>Amt. | 备注        |
|-----------|-----------------|------------------|-------------------------------------------|------------|-----------|
| 1         | 142530045       | 星火电控is款          | Spark electric control IS                 | 1          |           |
| 2         | 930001339       | 电控柜              | Electric control cabinet                  | 1          | 142512207 |
| 3         | 930001340       | 电控柜盖板            | Electric control cabinet cover            | 1          | 142512213 |
| 4         | 417S30302       | 螺栓(带垫圈)M4×12     | Bolt M4X12                                | 3          |           |
| 5         | 417S30036       | 螺栓M5×12(带垫圈)(滚花) | Bolt M5×12(带垫圈)(滚花)                       | 4          |           |
| 6         | 421S10022       | 螺栓M4×6           | Bolt M4×6                                 | 4          |           |
| 7         | 142533009       | Y步进电机            | Y stepping motor                          | 1          |           |
| 8         | 142533001       | 中压脚电机            | Medium pressure foot motor                | 1          |           |
| 9         | 142533010       | 剪线电机             | Thread trimming motor                     | 1          |           |
| 10        | 142533018       | 主轴电机             | Spindle motor                             | 1          |           |
| 11        | 142533016       | 模组电机             | Module motor                              | 1          |           |
| 12        | S02039          | 螺钉M4×9           | Screw M4×9(Nickel plating)                | 2          |           |
| 13        | 142530025       | 射频模块             | Rf module                                 | 1          |           |
| 14        |                 | IS款电控箱上盖         | IS type electric control box cover        | 1          |           |
| 15        |                 | IS款主板            | IS motherboard                            | 1          |           |
| 16        |                 | IS款电源板           | IS type power board                       | 1          |           |
| 17        |                 | IS款电控箱底板         | IS type electric control box bottom plate | 1          |           |
| 18        |                 | IS款风扇            | IS fan                                    | 1          |           |
| 19        | 61301012        | 磁环ZCAT           | Magnet Ring ZCAT                          | 3          |           |

| 变更记录 |          |        |                  |              |
|------|----------|--------|------------------|--------------|
| 序号   | 件号       | 零部件名称  | NAME OF PARTS    | 使用时间         |
| 19   | 61301012 | 磁环ZCAT | Magnet Ring ZCAT | 2024. 8. 23- |

S1、空压装置 / Air pressure mechanism

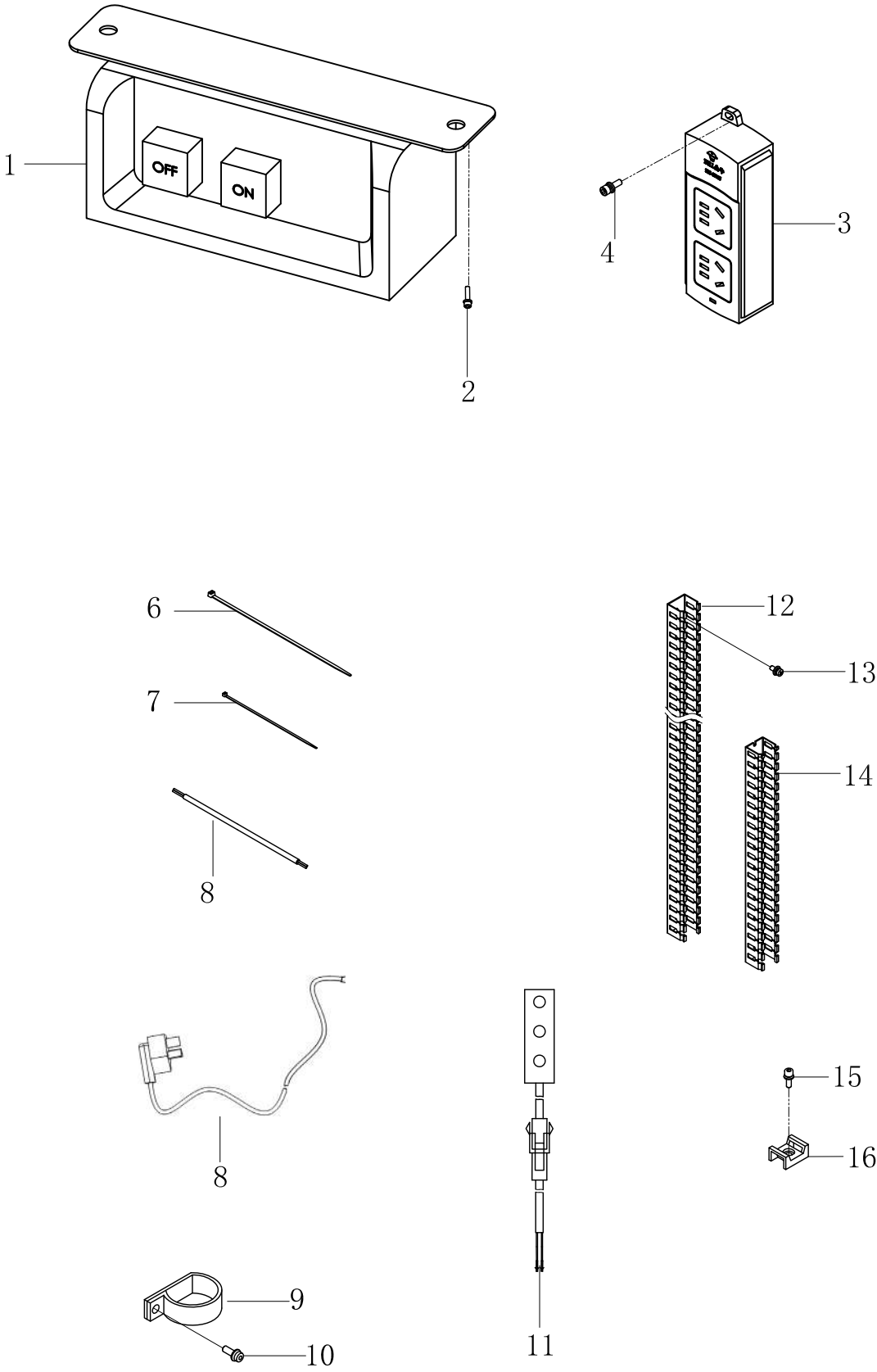


S1、空压装置 / Air pressure mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称        | NAME OF PARTS                     | 数量<br>Amt. | 备注   |
|-----------|-----------------|--------------|-----------------------------------|------------|------|
| 1         | 41845214        | 消音器PAL02     | Muffler PAL02                     | 2          |      |
| 2         | 41845021        | 双通汇流板100M6F  | Double pass busbar 100M6F         | 1          |      |
| 3         | 41845219        | 内六角堵头ABP02   | Hexagonal socket head ABP02       | 3          |      |
| 4         | 142545002       | 接头PL802      | Joint PL802                       | 1          |      |
| 5         | 141945029       | 电磁阀4v210-06  | Solenoid valve 4v210-06           | 3          |      |
| 6         | 41845222        | 螺纹直通APC4-01  | Straight threaded APC4-01         | 6          |      |
| 7         | 42122001        | 快换插头KQ2P-04  | Quickly change plug KQ2P-04       | 1          |      |
| 8         | 417S30024       | 螺栓M4×30      | Bolt the M4×30                    | 2          |      |
| 9         | 41845213        | 盲盖100M       | Blind cover 100 m                 | 3          |      |
| 10        | 42130096        | 手动开关VHK3     | Manually switch VHK3              | 1          |      |
| 11        | 417S30025       | 螺栓(带垫圈)M4×10 | Bolt (with washer)M4×12           | 2          |      |
| 12        | 42236512        | 气管接头APC8-02  | Air pipe joint APC8-02            | 1          |      |
| 13        | 141845004       | 气源处理元件AW20   | Air source handling element AW20  | 1          |      |
| 14        | 41845220        | 气枪AG-B       | Air gun AG - B                    | 1          |      |
| 15        | 40736018        | 螺纹直通APC6-02  | Threaded through APC6-02          | 1          |      |
| 16        | 185245047       | 螺旋气管3Mφ6     | Spiral trachea 3Mφ6               | 1          |      |
| 17        | 40736022        | 气管接头APG6     | Air pipe connector APG6           | 1          |      |
| 18        | 140736004       | 气管接头         | Air pipe connector                | 1          |      |
| 19        | 40736036        | 气管接头         | Air pipe connector                | 1          |      |
| 20        | 14254500500     | 六位三通         | Six people have three connections | 1          |      |
| 21        | 41845224        | 气管φ4×2.5黑色A1 | Trachea 4×2.5 black               | 2.9        | 压框   |
| 22        | 41845223        | 气管φ4×2.5蓝色B1 | Trachea 4×2.5 blue                | 2.9        | 压框   |
| 23        | 142045009       | 气管φ6         | Trachea 6                         | 0.2        | 上下吹气 |
| 24        | 41845224        | 气管φ4×2.5黑色A2 | Trachea 4×2.5 black               | 2.5        | 上下吹气 |
| 25        | 41845223        | 气管φ4×2.5蓝色B2 | Trachea 4×2.5 blue                | 1.6        | 上下吹气 |
| 26        | 41845224        | 气管φ4×2.5黑色A3 | Trachea 4×2.5 black               | 2.6        | 上下吹气 |
| 27        | 41845224        | 气管φ4×2.5黑色A3 | Trachea 4×2.5 black               | 1.7        | 大压脚  |
| 28        | 41845224        | 气管φ4×2.5黑色A2 | Trachea 4×2.5 black               | 1.7        | 大压脚  |
| 29        | 42221503        | 气管φ8         | 8 tracheal phi                    | 0.2        |      |
| 30        | 42221503        | 气管φ8         | 8 tracheal phi                    | 0.6        |      |
| 31        | 14204501200     | 气源处理元件       | Air source handling element       | 1          |      |

| 变更记录 |           |               |                           |              |
|------|-----------|---------------|---------------------------|--------------|
| 序号   | 件号        | 零部件名称         | NAME OF PARTS             | 使用时间         |
| 16   | 142045011 | 电磁阀4V110-06-B | Solenoid valve 4V110-06-B | 至2024. 8. 20 |
|      | 141945029 | 电磁阀4v210-06   | Solenoid valve 4v210-06   | 2024. 8. 20- |

T1、电器部品装置 / Power supply equipment mechanism

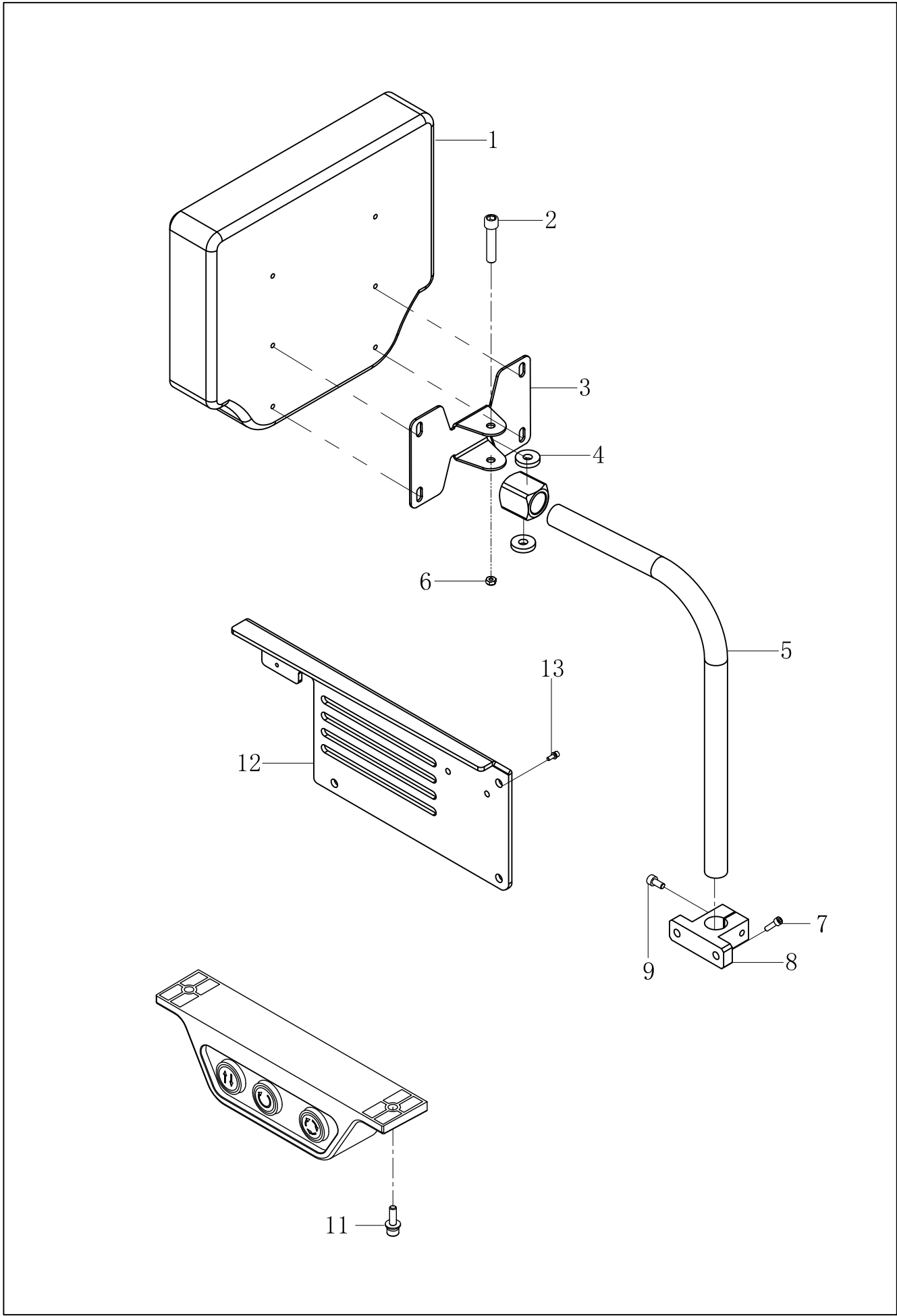


T1、电器部品装置 / Power supply equipment mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称          | NAME OF PARTS               | 数量<br>Amt. | 备注 |
|-----------|-----------------|----------------|-----------------------------|------------|----|
| 1         | 41830213        | 押扣开关           | Stake switch                | 1          |    |
| 2         | 417S30302       | 螺栓(带垫圈)M4×12   | Bolt (with washer) M4×12    | 2          |    |
| 3         | 142030031       | 插线板A02         | Power strip A02             | 1          |    |
| 4         | 417S30302       | 螺栓(带垫圈)M4×12   | Bolt (with washer) M4×12    | 1          |    |
| 6         | 61910001        | 大扎带            | Large cable tie             | 20         |    |
| 7         | 61910003        | 小扎带            | A small cable tie           | 30         |    |
| 8         | 142530037       | 主电源开关线         | Main power switch cable     | 1          |    |
| 9         | 41711014        | 电线夹6.4         | Wire clip 6.4               | 2          |    |
| 10        | 417S30025       | 螺栓(带垫圈)M4×10DB | Screw (with pad) M4×10DB    | 2          |    |
| 11        | 41730070        | LED灯           | LED lights                  | 2          |    |
| 12        | 142511023       | 线槽4030L600     | Cable trunking 4030L600     | 1          |    |
| 13        | 417S30302       | 螺栓(带垫圈)M4×12   | Screw (with pad) M4×12      | 4          |    |
| 14        | 142511020       | 线槽5050L320     | Cable trunking 5050L320     | 1          |    |
| 15        | 417S15008       | 螺钉M4×8         | Screw M4×8                  | 2          |    |
| 16        | 142011016       | 扎带固定座          | Cable tie holder            | 2          |    |
| 18        | 61910026        | 粘式配线固定座        | Adhesive wiring fixing base | 3          |    |

| 变更记录 |           |              |                           |              |
|------|-----------|--------------|---------------------------|--------------|
| 序号   | 件号        | 零部件名称        | NAME OF PARTS             | 使用时间         |
| 1    | 930001186 | 电源开关安装盒      | Power switch mounting box | 至2023. 12. 1 |
|      | 41830213  | 押扣开关         | Stake switch              | 2023. 12. 1- |
| 2    | 41811215  | 出线口          | Outlet                    | 至2023. 12. 1 |
|      | 417S30302 | 螺栓(带垫圈)M4×12 | Bolt (with washer) M4×12  | 2023. 12. 1- |
| 3    | 142530038 | 卡式嵌入式插座      | Card embedded socket      | 至2023. 12. 1 |
|      | 142030031 | 插线板A02       | Power strip A02           | 2023. 12. 1- |
| 4    | 142530041 | 大号船型开关KCD4   | Large rocker switch KCD4  | 至2023. 12. 1 |
|      | 417S30302 | 螺栓(带垫圈)M4×12 | Bolt (with washer) M4×12  | 2023. 12. 1- |
| 5    | 421S13012 | 螺钉(带垫圈)M4×10 | Screw M4×10               | 至2023. 12. 1 |
| 17   | 41322018  | 橡胶塞19        | Rubber plug 19            | 至2023. 12. 1 |

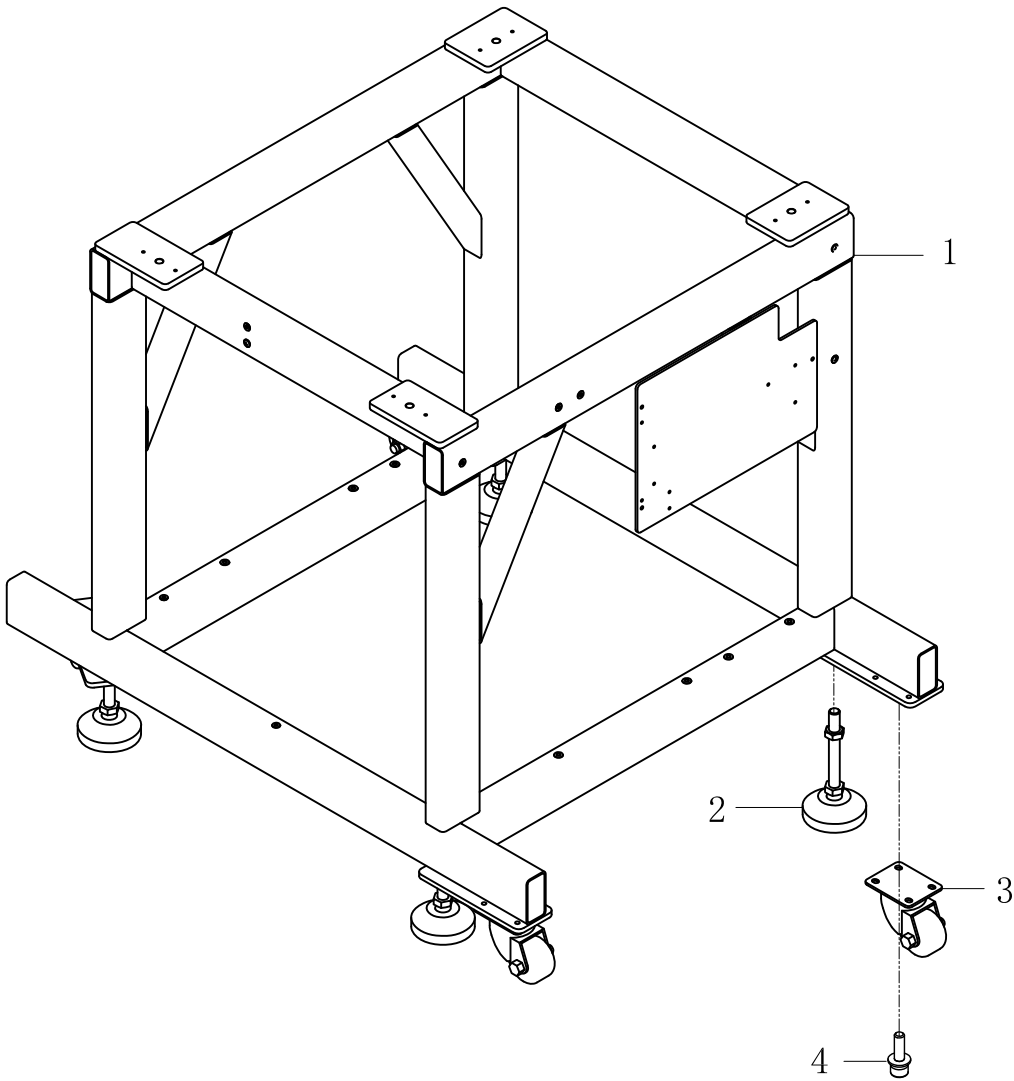
U、操作界面装置 / Operation interface mechanism



# U1、操作界面装置 / Operation interface mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称        | NAME OF PARTS                           | 数量<br>Amt. | 备注          |
|-----------|-----------------|--------------|-----------------------------------------|------------|-------------|
| 1         | 41830641        | 显示屏V2        | Display the V2                          | 1          |             |
| 2         | S05069          | 内六角螺钉M5×40   | Screw the M5×40                         | 2          |             |
| 3         | 930001167       | 面板安装板        | Panel mounting plate                    | 1          | 142512162   |
| 4         | 142528003       | 减震垫圈         | Vibration washer                        | 2          |             |
| 5         | 930001166       | 显示屏支架杆组件     | Display bracket rod assembly            | 1          | 14254300300 |
| 6         | 407N01001       | 自锁螺母M5       | Self-locking nut M5                     | 2          |             |
| 7         | S05087          | 钉M5×12       | Screw M5×12                             | 2          |             |
| 8         | 142542031       | 显示屏安装柱固定板    | Display mounting column fixing plate    | 1          |             |
| 9         | S05124          | 螺钉M5×16      | Screw M5×16                             | 1          |             |
| 10        | 142030036       | 开关盒          | switch box                              | 1          |             |
| 11        | 417S30306       | 螺钉(带垫圈)M5×15 | Screw ST5×15                            | 2          |             |
| 12        | 930001079       | 中压脚电机侧盖A     | Intermediate presser motor side cover A | 1          |             |
|           | 930001092       | 中压脚电机侧盖B     | Intermediate presser motor side cover B | 1          | 激光          |
| 13        | 417S30306       | 螺钉M5×15      | Bolt the M5×15                          | 4          |             |

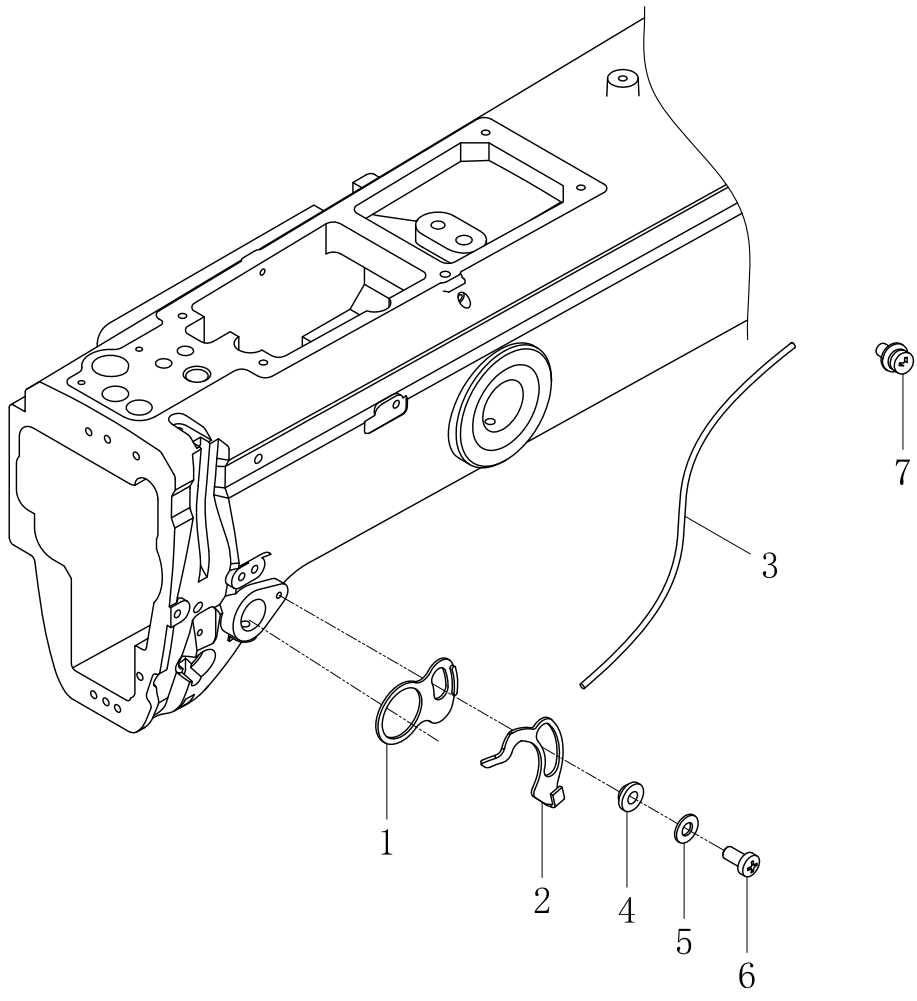
V1、机架部件 / Table mechanism



V1、机架部分 / Table mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称        | NAME OF PARTS   | 数量<br>Amt. | 备注        |
|-----------|-----------------|--------------|-----------------|------------|-----------|
| 1         | 930001168       | 机架组件         | Rack components | 1          | 142532077 |
| 2         | 14253208400     | 脚垫组件         | MATS            | 4          |           |
| 3         | 142532092       | 脚轮           | castor          | 4          |           |
| 4         | S05193          | 内六角平头螺钉M8×16 | Screw M8×16     | 16         |           |

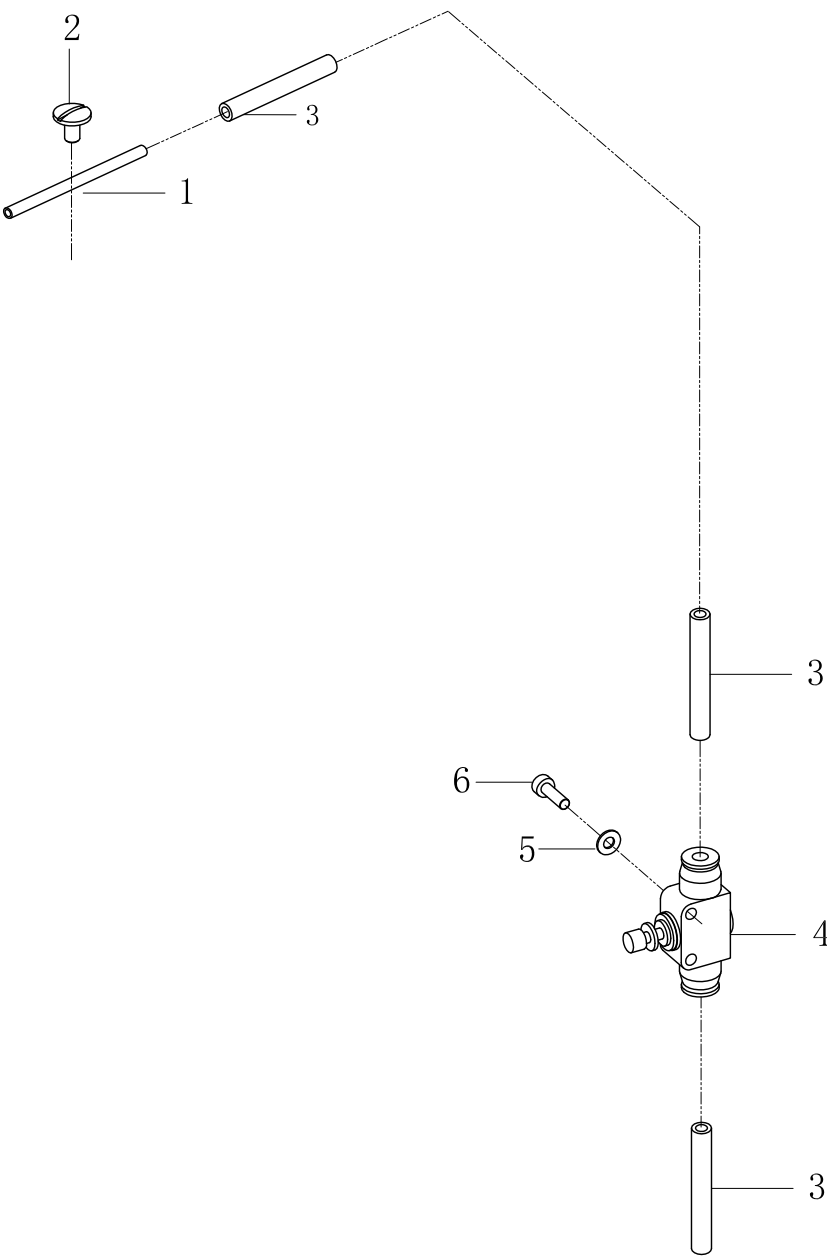
W1、断线感应装置 / Thread breakage detector mechanism



W1、断线感应装置 / Thread breakage detector mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称          | NAME OF PARTS                    | 数量<br>Amt. | 备注 |
|-----------|-----------------|----------------|----------------------------------|------------|----|
| 1         | 41711054        | 传感器内绝缘片        | Sensor internal insulation sheet | 1          |    |
| 2         | 42212837        | 感应铜片           | Induction of copper              | 1          |    |
| 3         | 141830008       | 单芯线            | Single conductor                 | 2          |    |
| 4         | 41711053        | 传感器外绝缘片        | Sensor outer insulation sheet    | 1          |    |
| 5         | S04078          | 螺钉M4×8         | Screw the M4×8                   | 1          |    |
| 6         | W01001          | M4垫片(普通)       | M4 gasket (ordinary)             | 1          |    |
| 7         | 417S30025       | 螺钉(带垫圈)M4×10DB | Screw (with washer)M4×10DB       | 1          |    |

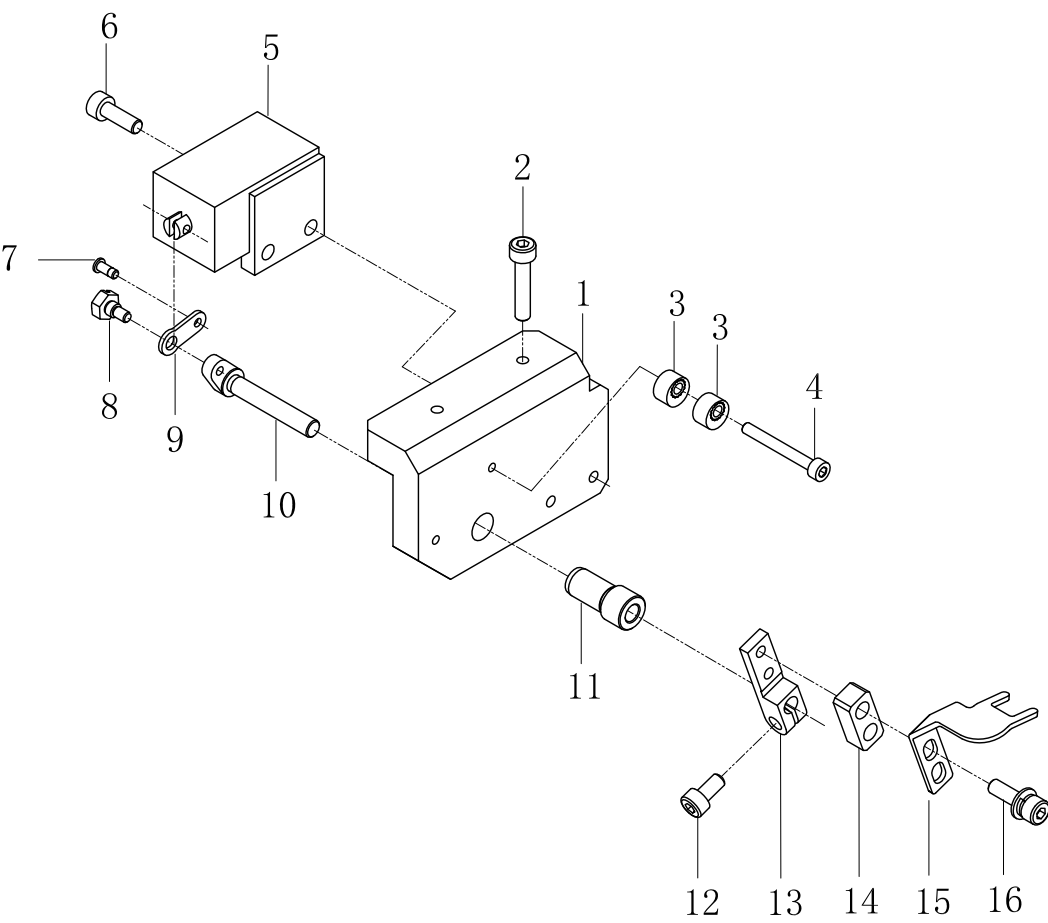
W2、吹气装置 / Blow mechanism



W2、吹气装置 / Blow mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称         | NAME OF PARTS                   | 数量<br>Amt. | 备注 |
|-----------|-----------------|---------------|---------------------------------|------------|----|
| 1         | 41821621        | 吹气铜管          | Blow brass                      | 1          |    |
| 2         | 418S30218       | 一字球面圆柱头螺钉M4×7 | Spherical cap screw M4×7        | 2          |    |
| 3         | 41845224        | 气管 Φ4×2.5透明黑  | Trachea 4×2.5 transparent black | 3          |    |
| 4         | 41845232        | T形接管KJT04     | T-junction KJT04                | 1          |    |
| 5         | W01002          | M3垫片          | The M3 gasket                   | 1          |    |
| 6         | S01591          | 螺钉M3×18       | Screw M3 by 18                  | 1          |    |

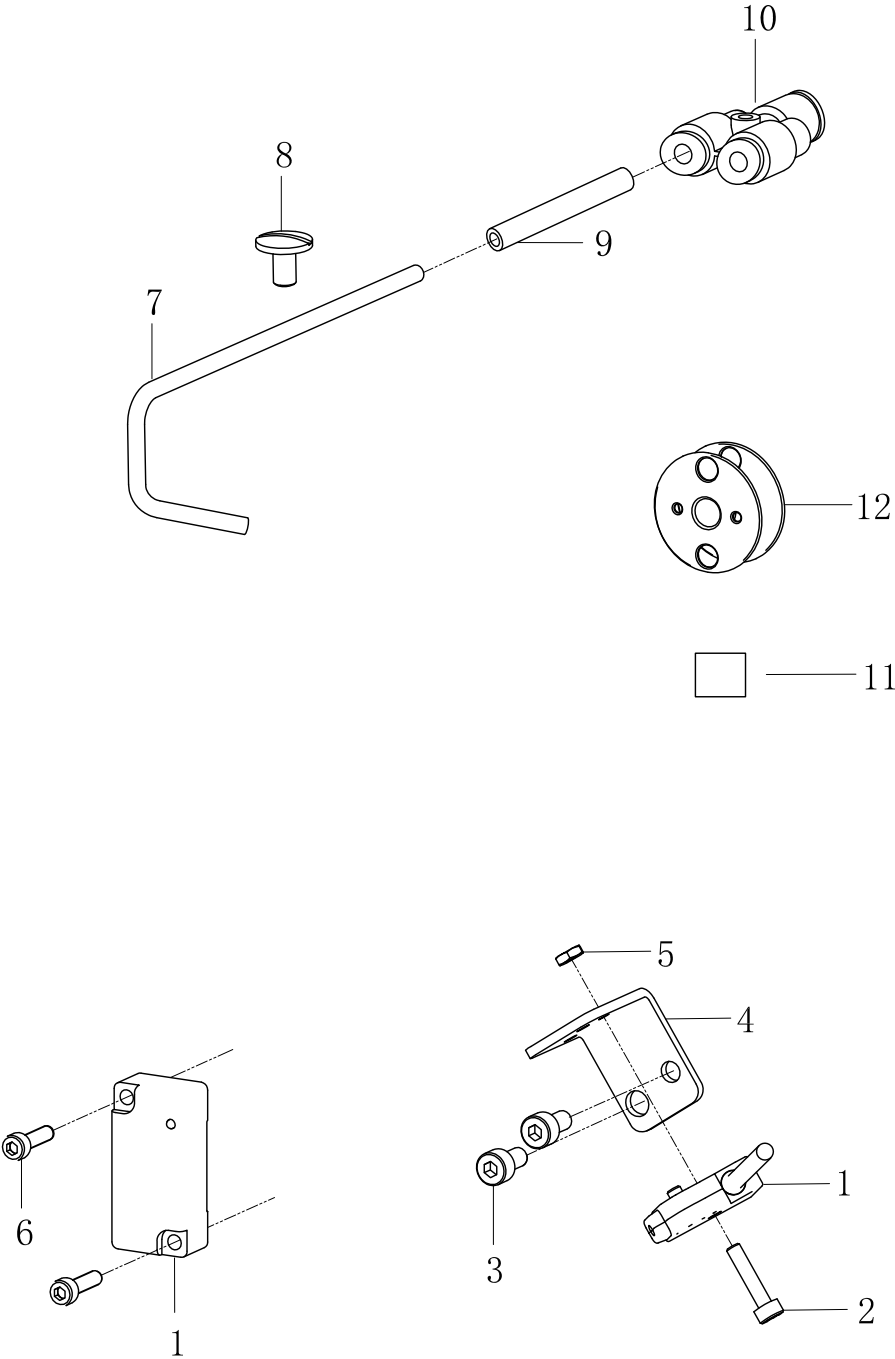
X1、扣线装置 / Catch string mechanism



# X1、扣线装置 / Catch string mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称        | NAME OF PARTS                          | 数量<br>Amt. | 备注 |
|-----------|-----------------|--------------|----------------------------------------|------------|----|
| 1         | 41842036        | 挡线安装板        | Line baffle mounting plate             | 1          |    |
| 2         | S05119          | 螺钉M4×20      | Screw the M4×20                        | 1          |    |
| 3         | 41811014        | 偏心限位套        | Eccentric limit sleeve                 | 2          |    |
| 4         | S05215          | 螺钉M3×26      | Screw M3×26                            | 1          |    |
| 5         | 41830013        | 挡线电磁铁        | Wire retaining electromagnet           | 1          |    |
| 6         | S05133          | 螺钉M4×12      | Screw the M4×12                        | 2          |    |
| 7         | 418S30015       | 螺销           | Screw pin                              | 1          |    |
| 8         | 418S20012       | 轴位螺钉         | Axis of a screw                        | 1          |    |
| 9         | 41812087        | 挡线驱动连杆       | Stop the line drive the connecting rod | 1          |    |
| 10        | 41804014        | 挡线曲柄         | In line of crank                       | 1          |    |
| 11        | 41803021        | 长轴套0508      | Long sleeve 0508                       | 1          |    |
| 12        | 421S13035       | 螺钉M4×8       | Screw the M4×8                         | 1          |    |
| 13        | 41804015        | 挡线支架         | Stop line support                      | 1          |    |
| 14        | 142009006       | 扣线垫块         | Buckle line block                      | 1          |    |
| 15        | 142509009       | 扣线叉窄         | A narrow line fork                     | 1          |    |
| 16        | 421S11013       | 螺钉M4×35(带垫圈) | Screw M4×35(with washer)               | 2          |    |

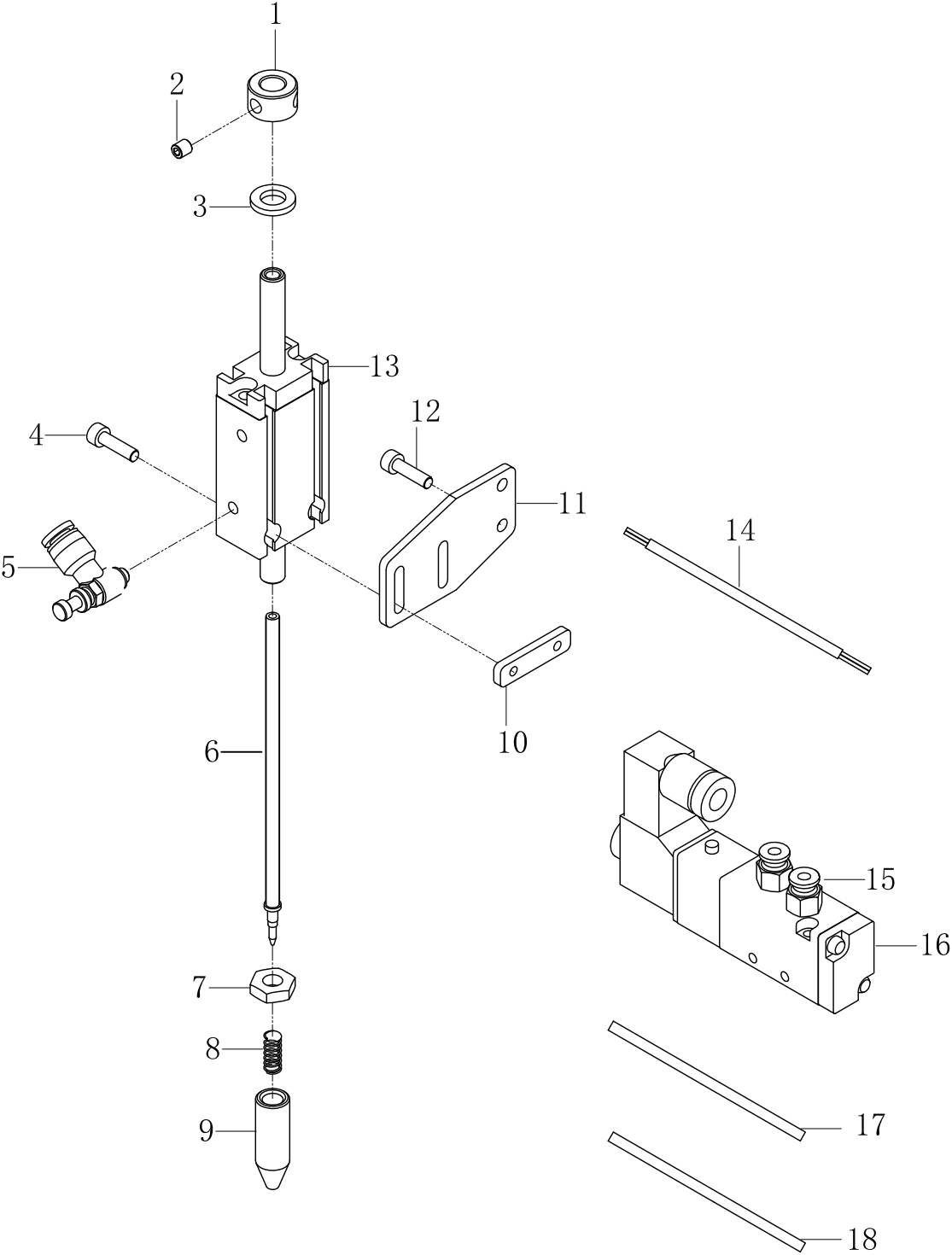
X2、底线检测装置 / Bottom thread detection mechanism



X2、底线检测装置 / Bottom thread detection mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称          | NAME OF PARTS                            | 数量<br>Amt. | 备注 |
|-----------|-----------------|----------------|------------------------------------------|------------|----|
| 1         | 14183000400     | 底线检测传感器        | Bottom line detection sensor             | 1          |    |
| 2         | 417S30302       | 内六角圆柱头螺钉       | Hexagon socket cylindrical head screw    | 1          |    |
| 3         | 417S15008       | 螺钉M4×8         | Screw M4×8                               | 2          |    |
| 4         | 141812028       | 传感器支架C         | Sensor bracket C                         | 1          |    |
| 5         | N08008          | 非金属嵌件六角锁紧螺母M3  | Hex lock nut M3 with non-metallic insert | 1          |    |
| 6         | 413S14012       | 内六角圆柱头螺钉       | Hexagon socket cylindrical head screw    | 2          |    |
| 7         | 142521004       | 铜管H            | The brass H                              | 1          | 平刀 |
| 8         | 418S30218       | 一字球面圆柱头螺钉M4×7  | Spherical cap screw M4×7                 | 1          |    |
| 9         | 41845224        | 气管Φ4×2.5透明黑    | Trachea 4×2.5 transparent black          | 1          |    |
| 10        | 40736036        | 气管接头APY4(Y型三通) | Air pipe connector APY4(Y-type tee)      | 1          |    |
| 11        | 42130028        | 反射纸            | Reflection paper                         | 20         |    |
| 12        | 41818621        | 两倍梭芯A          | Double bobbin A                          | 5          | L  |

X3、点笔装置 / Marking device

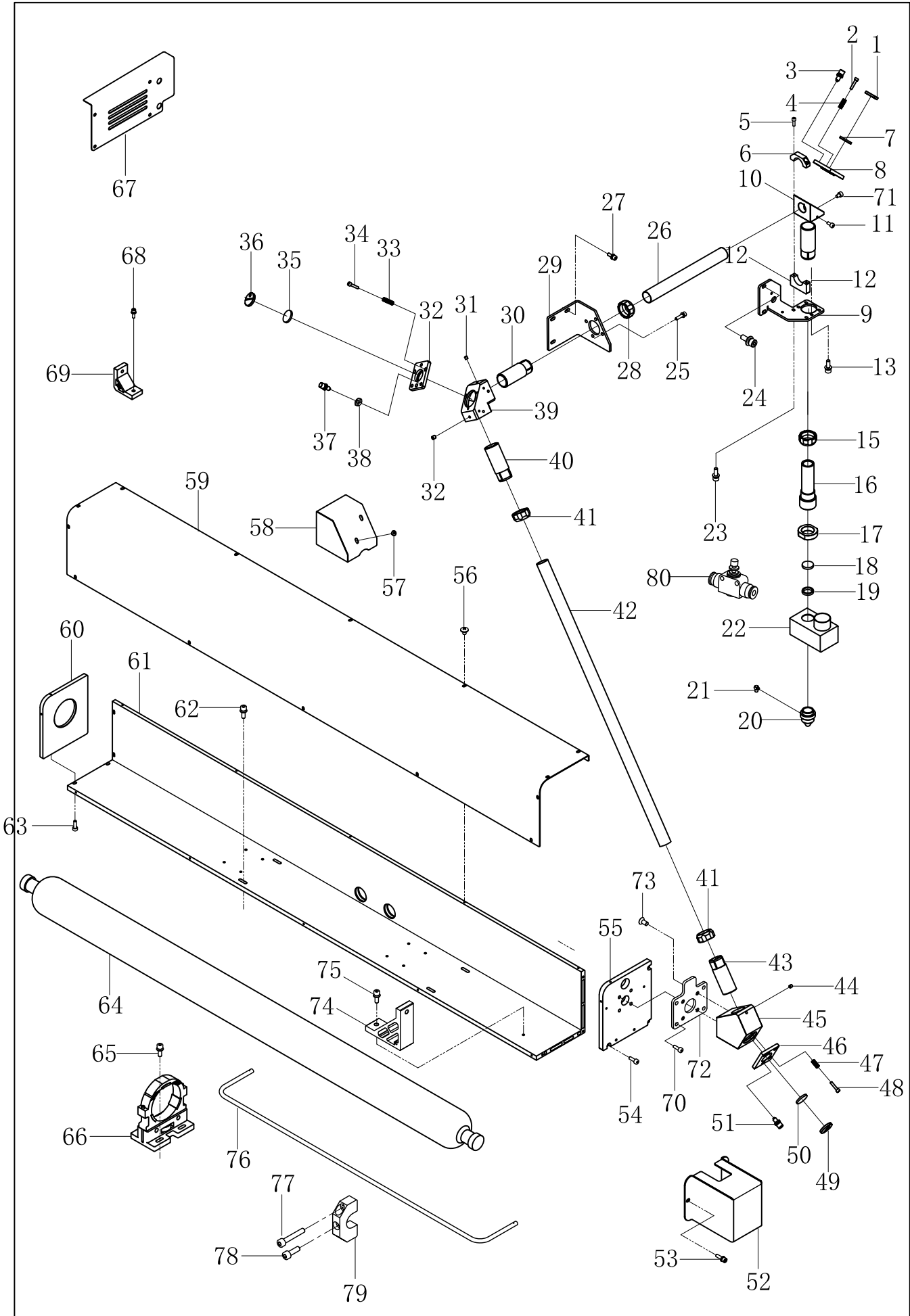


X3-点笔装置 / Marking device

| 序号<br>No. | 件号<br>Part. No. | 零部件名称       | NAME OF PARTS                     | 数量<br>Amt. | 备注 |
|-----------|-----------------|-------------|-----------------------------------|------------|----|
| 1         | 41708002        | 紧圈B         | Ring B                            | 1          |    |
| 2         | S10019          | 螺钉M6×6      | Screw M6×6                        | 2          |    |
| 3         | 41722020        | 电磁铁缓冲垫圈     | Electromagnet buffer washer       | 1          |    |
| 4         | S05119          | 螺钉M4×20     | Screw the M4×20                   | 2          |    |
| 5         | 41845231        | 接头ASL4-M5   | Joint ASL4 - M5                   | 2          |    |
| 6         | 41811302        | 点笔笔芯        | Point pen ink                     | 1          |    |
| 7         | N02030          | 薄螺母M8×1     | Thin nut M8×1                     | 1          |    |
| 8         | 41827302        | 点笔弹簧        | Point pen spring                  | 1          |    |
| 9         | 418S16304       | 点笔杆锁帽       | Tap the penholder to lock the cap | 1          |    |
| 10        | 141812215       | 气缸调节片       | Cylinder regulating plate         | 1          |    |
| 11        | 142012009       | 点笔气缸安装板     | Pen cylinder mounting plate       | 1          |    |
| 12        | S05133          | 螺钉M4×12     | Screw the M4×12                   | 2          |    |
| 13        | 142045001       | 气缸CMDD16×25 | Cylinder CMDD16×25                | 1          |    |
| 14        | 41730022        | 电磁阀接线       | Solenoid valve connection         | 1          |    |
| 15        | 41845222        | 螺纹直通APC4-01 | Straight threaded APC4-01         | 2          |    |
| 16        | 141945029       | 电磁阀4v210-06 | Solenoid valve 4v210-06           | 1          |    |
| 17        | 41845224        | 气管Φ4×2.5黑色  | Trachea 4×2.5 black               | 3          |    |
| 18        | 41845223        | 气管Φ4×2.5透明蓝 | Trachea 4×2.5 transparent blue    | 3          |    |

| 变更记录 |           |               |                           |              |
|------|-----------|---------------|---------------------------|--------------|
| 序号   | 件号        | 零部件名称         | NAME OF PARTS             | 使用时间         |
| 16   | 142045011 | 电磁阀4V110-06-B | Solenoid valve 4V110-06-B | 至2024. 8. 20 |
|      | 141945029 | 电磁阀4v210-06   | Solenoid valve 4v210-06   | 2024. 8. 20- |

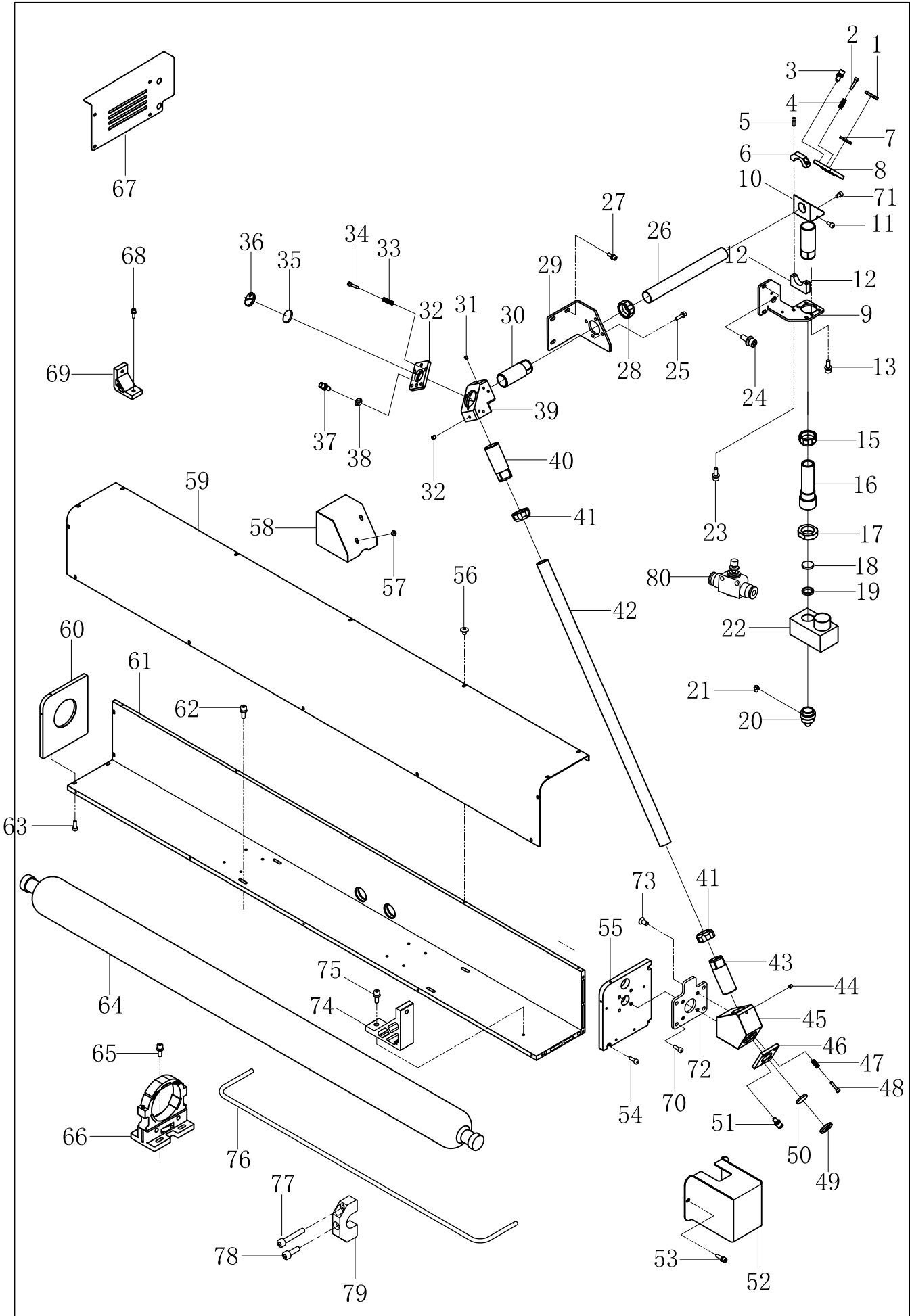
X4、激光切割装置 / Laser cutting mechanism



#### X4、激光切割装置 / Laser cutting mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称         | NAME OF PARTS                    | 数量<br>Amt. | 备注        |
|-----------|-----------------|---------------|----------------------------------|------------|-----------|
| 1         | 142008004       | 反射镜固定圈        | Mirror fixing ring               | 1          |           |
| 2         | S05063          | 螺钉M4×25       | Screw M4×25                      | 2          |           |
| 3         | 1420NS20004     | 激光调节铜螺钉       | Screw                            | 3          |           |
| 4         | 142027002       | 反射镜弹簧         | Mirror spring                    | 2          |           |
| 5         | S05118          | 螺栓M4×16       | Bolt the M4×16                   | 2          |           |
| 6         | 142542021       | 过光管固定座        | Pass-through tube holder         | 1          |           |
| 7         | 41811631        | 反射镜           | Silicon mirror                   | 1          |           |
| 8         | 142542023       | 反射镜安装板        | Reflector Mounting Plate         | 1          |           |
| 9         | 142512165       | 反射镜座C安装板      | Mirror holder C mounting plate   | 1          |           |
| 10        | 14250102800     | 反射镜座C组件       | Mirror holder C                  | 1          |           |
| 11        | 413s13017       | 内六角圆柱头螺钉M4×10 | Screw                            | 1          |           |
| 12        | 142542020       | 过光管安装座        | Light pipe mount                 | 1          |           |
| 13        | S05133          | 螺钉M4×12       | Screw M4×12                      | 4          |           |
| 14        |                 |               |                                  |            |           |
| 15        | 142542024       | 锁紧螺母          | Lock nut                         | 1          |           |
| 16        | 142002032       | 镜筒C           | Lens barrel C                    | 1          |           |
| 17        | 142042053       | 吸烟罩锁紧螺母       | Lock nut                         | 1          |           |
| 18        | 41830701        | 聚焦镜           | Focusing mirror                  | 1          |           |
| 19        | 142008003       | 聚焦镜固定圈        | Fixed ring of focusing lens      | 1          |           |
| 20        | 142002016       | 出光口B          | Light outlet B                   | 1          |           |
| 21        | 41845222        | 螺纹直通APC4-01   | Straight threaded APC4-01        | 1          |           |
| 22        | 930001203       | 吸烟罩           | Smoking cover                    | 1          | 142012218 |
| 23        | S05133          | 螺钉M4×12       | Screw M4×12                      | 2          |           |
| 24        | 417S30306       | 螺钉M5×15       | Bolt the M5×15                   | 2          |           |
| 25        | 417S30306       | 螺钉M5×15       | Bolt the M5×15                   | 4          |           |
| 26        | 142502023       | 过光管A          | Pass light tube A                | 1          |           |
| 27        | 417S30306       | 螺钉M5×15       | Bolt the M5×15                   | 3          |           |
| 28        | 142542024       | 锁紧螺母          | Lock nut                         | 1          |           |
| 29        | 142542035       | 反射镜安装座B       | Mirror holder B mounting plate   | 1          |           |
| 30        | 142502021       | 过光筒           | Pass-through tube                | 1          |           |
| 31        | S09019          | 螺钉M5×5        | Screw M5×5                       | 4          |           |
| 32        | 142009007       | 反射镜安装板        | Reflector mounting plate         | 1          |           |
| 33        | 142027002       | 反射镜弹簧         | Mirror spring                    | 3          |           |
| 34        | S05063          | 螺钉M4×25       | Screw M4×25                      | 3          |           |
| 35        | 41811631        | 反射镜           | Silicon mirror                   | 1          |           |
| 36        | 142008004       | 反射镜固定圈        | Mirror fixing ring               | 1          |           |
| 37        | 1420NS20004     | 激光调节铜螺钉       | Screw                            | 3          |           |
| 38        | 1420NS16007     | 反射镜调节螺母       | Reflector                        | 9          |           |
| 39        | 142501027       | 反射镜座B         | Mirror holder B                  | 1          |           |
| 40        | 142502021       | 过光筒           | Pass-through tube                | 1          |           |
| 41        | 142542024       | 锁紧螺母          | Lock nut                         | 2          |           |
| 42        | 142502024       | 过光管B          | Pass light tube B                | 1          |           |
| 43        | 142502021       | 过光筒           | Pass-through tube                | 1          |           |
| 44        | S10019          | 螺钉M6×6        | Screw M6×6                       | 2          |           |
| 45        | 142501025       | 反射镜座A         | Mirror holder A                  | 1          |           |
| 46        | 142542023       | 反射镜安装板        | Reflector mounting plate         | 1          |           |
| 47        | 142027002       | 反射镜弹簧         | Mirror spring                    | 3          |           |
| 48        | S05063          | 螺钉M4×25       | Screw M4×25                      | 3          |           |
| 49        | 142008004       | 反射镜固定圈        | Mirror fixing ring               | 1          |           |
| 50        | 41811631        | 反射镜           | Silicon mirror                   | 1          |           |
| 51        | 1420NS20004     | 激光调节铜螺钉       | Screw                            | 3          |           |
| 52        | 142512154       | 反射镜座防护罩A      | Mirror holder protective cover A | 1          |           |
| 53        | 417S30306       | 螺钉M5×15       | Bolt the M5×15                   | 2          |           |
| 54        | S05087          | 螺钉M5×12       | Screw M5×12                      | 3          |           |
| 55        | 142542039       | 激光切割面板C       | Laser cut panel C                | 1          |           |

X4、激光切割装置 / Laser cutting mechanism

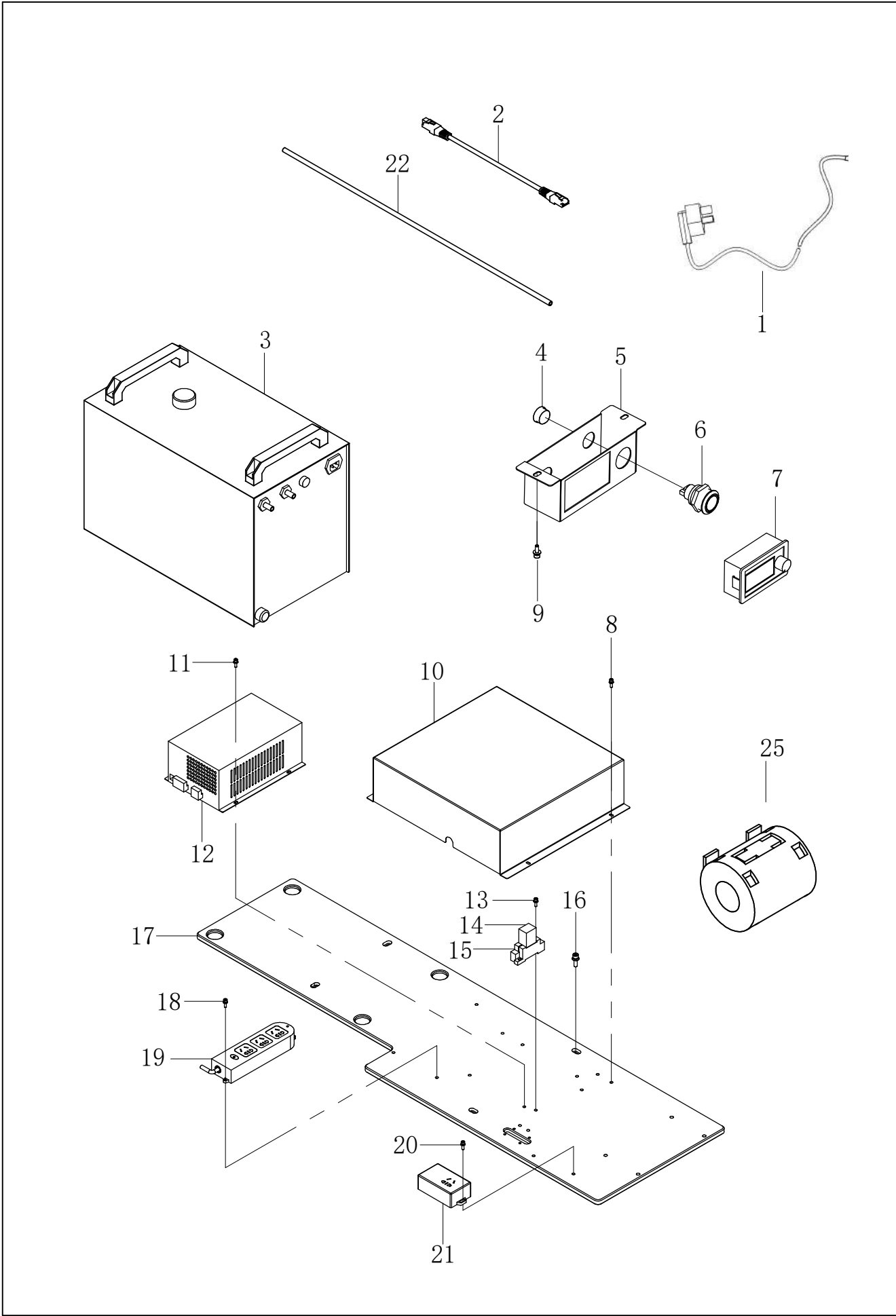


X4、激光切割装置 / Laser cutting mechanism

| 序号<br>No. | 件号<br>Part. No. | 零部件名称       | NAME OF PARTS                            | 数量<br>Amt. | 备注          |
|-----------|-----------------|-------------|------------------------------------------|------------|-------------|
| 56        | 421S10022       | 螺钉M4×6      | Screw M4×6                               | 18         |             |
| 57        | 421S10022       | 螺钉M4×6      | Screw M4×6                               | 3          |             |
| 58        | 930001109       | 反射镜B防护罩组件   | Mirror B shield assembly                 | 1          | 14251215900 |
| 59        | 930000536       | 腔体上盖C       | Upper cover of shell C                   | 1          | 142012127   |
| 60        | 142042008       | 腔体后盖板       | Chamber rear cover plate                 | 1          |             |
| 61        | 142542038       | 激光腔体底板B     | Laser housing bottom plate B             | 1          |             |
| 62        | 421S13059       | 螺钉M5×20     | Bolt M5×20                               | 4          |             |
| 63        | S05118          | M4×16       | Bolt the M4×16                           | 4          |             |
| 64        | 142030020       | 激光管A2S      | Laser tube A2S                           | 1          |             |
| 65        | 421S13059       | 螺钉M5×20     | Bolt M5×20                               | 4          |             |
| 66        | 142011015       | 激光管支架80     | Laser tube bracket 80                    | 2          |             |
| 67        | 930001092       | 中压脚电机侧盖B    | Intermediate presser motor side cover B  | 1          | 142512151   |
| 68        | 417S30306       | 螺钉M5×15     | Bolt the M5×15                           | 2          |             |
| 69        | 142542030       | 安装板加强角铝     | Mounting plate reinforced Angle aluminum | 1          |             |
| 70        | 421S13059       | 螺钉M5×20     | Bolt M5×20                               | 8          |             |
| 71        | S05115          | 螺钉M4×6      | Screw M4×6                               | 1          |             |
| 72        | 142512217       | 反射镜座A安装板    | Mirror seat A mounting plate             | 1          |             |
| 73        | 421S17005       | 沉头螺钉M5×16   | Screw M5×16                              | 4          |             |
| 74        | 142501033       | 激光加强角铝      | Laser-reinforced angle aluminum          | 2          |             |
| 75        | 421S13059       | 螺钉M5×20     | Bolt M5×20                               | 4          |             |
| 76        | 930001393       | 激光壳体防护管     | Laser housing protection tube            | 1          | 142543005   |
| 77        | S05063          | 螺钉M4×25(镀镍) | Screw M4x25 (Nickel plated)              | 4          |             |
| 78        | 421S13035       | 螺钉M4×8      | Screw M4x8                               | 2          |             |
| 79        | 142542034       | 防护管安装扣      | Protective pipe mounting buckle          | 2          |             |
| 80        | 41845232        | T形接管KJT04   | T type tube KJT04                        | 1          |             |

| 变更记录 |             |         |                   |              |
|------|-------------|---------|-------------------|--------------|
| 序号   | 件号          | 零部件名称   | NAME OF PARTS     | 使用时间         |
| 10   | 142501028   | 反射镜座C   | Mirror holder C   | 至2023. 6. 17 |
|      | 14250102800 | 反射镜座C组件 | Mirror holder C   | 2023. 6. 17- |
| 14   | 142502021   | 过光筒     | Pass-through tube | 至2023. 6. 17 |

X5、激光切割控制装置 / Laser cutting control part

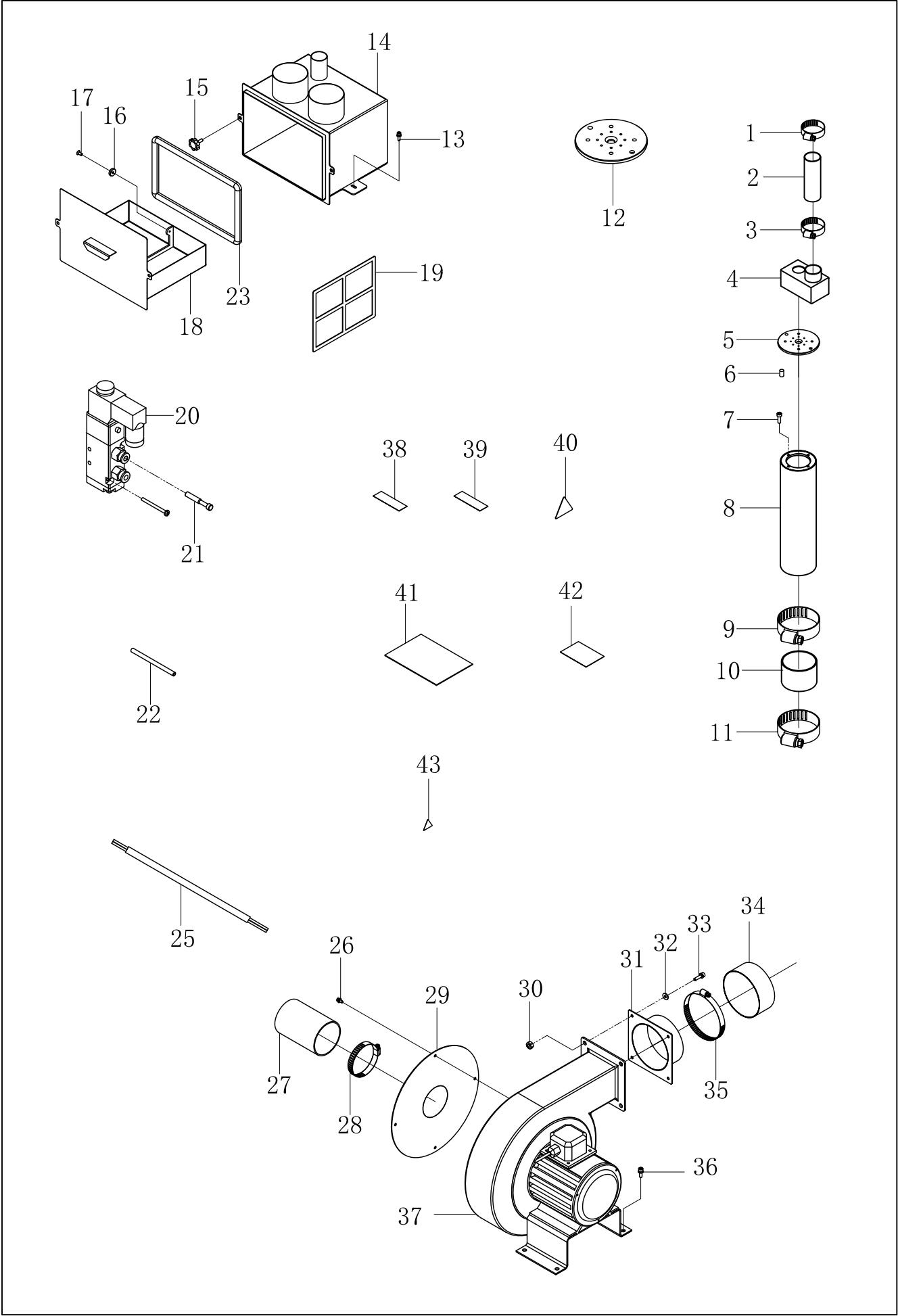


X5、激光切割控制装置 / Laser cutting suction device

| 序号<br>No. | 件号<br>Part. No. | 零部件名称        | NAME OF PARTS                    | 数量<br>Amt. | 备注          |
|-----------|-----------------|--------------|----------------------------------|------------|-------------|
| 1         | 42230512        | 主电源开关线       | Main power switch cable          | 2          |             |
| 2         | 142030017       | 网线           | Ethernet cable                   | 1          |             |
| 3         | 41830703        | 3000型水箱      | Type 3000 water tank             | 1          |             |
| 4         | 14222007        | 上盖橡皮塞        | Rubber plug                      | 1          |             |
| 5         | 930001224       | 激光点动开光护罩     | Laser dots open the light shield | 1          |             |
| 6         | 142030014       | 点动开关         | Dot operated switch              | 1          |             |
| 7         | 142030011       | 一体式电位器       | One-piece potentiometer          | 1          |             |
| 8         | 417S30302       | 螺钉M4×12      | Screw M4x12                      | 4          |             |
| 9         | 417S30302       | 螺钉M4×12      | Screw M4x12                      | 2          |             |
| 10        | 930001091       | 激光电源防护罩      | Laser power supply shield        | 1          |             |
| 11        | 417S30302       | 螺钉M4×12      | Screw M4x12                      | 4          |             |
| 12        | 142030016       | 激光电源箱120W    | Laser power box 120W             | 1          |             |
| 13        | S05133          | 螺钉M4×12      | Screw M4x12                      | 4          |             |
| 14        | 41830302        | 中间继电器        | Intermediate relay               | 2          |             |
| 15        | 41830303        | 中间继电器座       | Intermediate relay seat          | 2          |             |
| 16        | 417S30306       | 螺钉M5×20      | Screw M5 x 20                    | 4          |             |
| 17        | 930001318       | 水箱安装板        | Water tank mounting plate        | 1          | 14251220900 |
| 18        | 417S30302       | 螺钉M4×12      | Screw M4x12                      | 2          |             |
| 19        | 141830013       | 公牛插板3插孔      | Bull insert plate 3 jacks        | 1          |             |
| 20        | 417S30302       | 螺钉M4×12      | Screw M4x12                      | 2          |             |
| 21        | 41830021        | 插线板A01       | Plug board A01                   | 1          |             |
| 22        | 41822701        | 水管           | Water pipe                       | 4          |             |
| 23        | 62800019        | 导线单芯（0.75mm） | Conductor single core（0.75mm）    | 1.5        |             |
| 24        | 41730059        | 扫线开关接插件A     | Wire sweeping switch connector A | 1          |             |
| 25        | 61301012        | 磁环ZCAT       | Magnet Ring ZCAT                 | 2          |             |

| 变更记录 |          |        |                  |              |
|------|----------|--------|------------------|--------------|
| 序号   | 件号       | 零部件名称  | NAME OF PARTS    | 使用时间         |
| 25   | 61301012 | 磁环ZCAT | Magnet Ring ZCAT | 2024. 8. 23- |

X6、激光切割吸烟装置 / Laser cutting smoke exhaust part

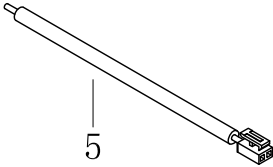
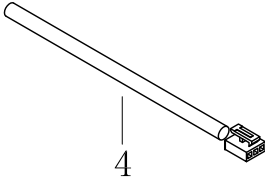
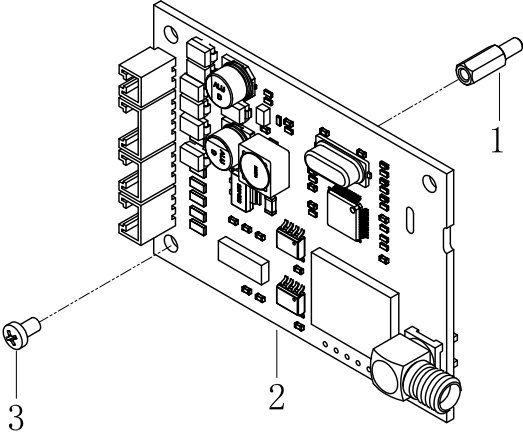


# X6、激光切割吸烟装置 / Laser cutting smoke exhaust part

| 序号<br>No. | 件号<br>Part. No. | 零部件名称        | NAME OF PARTS                         | 数量<br>Amt. | 备注          |
|-----------|-----------------|--------------|---------------------------------------|------------|-------------|
| 1         | 41831409        | 抱箍25-38      | Hoop 25-38                            | 1          |             |
| 2         | 142011017       | 吸烟软管32       | Hose 32                               | 3          |             |
| 3         | 41831409        | 抱箍25-38      | Hoop 25-38                            | 1          |             |
| 4         | 930001203       | 吸烟罩          | Smoking hood                          | 1          | 142012218   |
| 5         | 141812017       | 吸风口板-中厚料     | Suction plate - medium thick material | 1          |             |
| 6         | 41831019        | 强力磁铁         | Strong force magnet                   | 4          |             |
| 7         | S05087          | 螺钉M5×12      | Screw M5×12                           | 4          |             |
| 8         | 142012287       | 吸风筒C         | Air duct C                            | 1          |             |
| 9         | 142531041       | 抱箍52-76      | Hoop 52-76                            | 1          |             |
| 10        | 142012287       | 吸风筒C         | Air duct C                            | 1          |             |
| 11        | 142531041       | 抱箍52-76      | Hoop 52-76                            | 1          |             |
| 12        | 41812551        | 吸风口板         | Air suction plate                     | 1          |             |
| 13        | 417S30306       | 螺栓(带垫圈)M5×15 | Screw (with washer) M5×15             | 2          |             |
| 14        | 930001104       | 烟雾过滤箱箱体组件    | Components of the smoke filter box    | 1          | 14251217000 |
| 15        | 1420NS30002     | 梅花螺钉M5×15    | Torx screw M5×15                      | 2          |             |
| 16        | 142047002       | 圆磁铁          | Round magnet                          | 3          |             |
| 17        | 417S17001       | 开槽沉头螺钉M4×9   | Centrifugal fan 650W                  | 3          |             |
|           | N01024          | 六角螺母M4       | Hex nut M4                            | 4          |             |
| 18        | 930001204       | 抽屉组件         | Drawer assembly                       | 1          | 14201222500 |
| 19        | 14251217300     | 过滤网组件        | Filter screen assembly                | 1          |             |
| 20        | 141945029       | 电磁阀4v210-06  | Solenoid valve 4v210-06               | 1          |             |
| 21        | 42122001        | 快换插头KQ2P-04  | Quick change plug KQ2P-04             | 1          |             |
| 22        | 41845224        | 气管φ4×2.5黑色   | Trachea φ4×2.5 black                  | 6          |             |
| 23        | 142022004       | 密封条D型        | Seal type D                           | 1          |             |
| 25        | 41730022        | 电磁阀接线        | Solenoid valve wire                   | 10         |             |
| 26        | 417S30302       | 螺钉(带垫圈)M4×12 | Screw (with washer) M4×12             | 4          |             |
| 27        | 142031012       | 铝箔管70        | Aluminum foil tube 70                 | 0.7        |             |
| 28        | 142531041       | 抱箍52-76      | Hoop 52-76                            | 2          |             |
| 29        | 930001110       | 离心风机进风口C     | Centrifugal fan inlet C               | 1          | 142512175   |
| 30        | 407N01001       | 自锁螺母M5       | Self-lockong nut M5                   | 4          |             |
| 31        | 930001201       | 离心风机出风口B     | Centrifugal fan outlet B              | 1          | 142012222   |
| 32        | 41828611        | 平垫圈M5        | Flat washer M5                        | 4          |             |
| 33        | S05087          | 螺钉M5×12      | Screw M5×12                           | 4          |             |
| 34        | 142031013       | 铝箔管100       | Aluminum foil tube 100                | 5          |             |
| 35        | 142012276       | 抱箍90-110     | Hoop 90-110                           | 1          |             |
| 36        | 421S13059       | 螺栓(带垫圈)M5×20 | Screw (with washer) M5×20             | 4          |             |
|           | 41828611        | 平垫圈M5        | Flat washer M5                        | 4          |             |
| 37        | 41830705        | 离心风机         | centrifugal fan                       | 1          |             |
| 38        | 141837004       | IN标贴         | In label                              | 2          |             |
| 39        | 141837005       | OUT标贴        | Out label                             | 2          |             |
| 40        | 41837616        | 三角高压危险标贴     | Triangular high-pressure hazard label | 3          |             |
| 41        | 41837617        | 激光设备注意事项贴    | Precautions for laser equipment       | 1          |             |
| 42        | 141823002       | 擦镜纸          | Mirror cleaning paper                 | 5          |             |
| 43        | 140237002       | 警告牌(护手)      | Warning signs                         | 1          |             |
| 44        | 142012278       | 镜片螺母拆装板      | Lens nut dismounting plate            | 1          |             |

| 变更记录 |           |               |                                |              |
|------|-----------|---------------|--------------------------------|--------------|
| 序号   | 件号        | 零部件名称         | NAME OF PARTS                  | 使用时间         |
| 17   | S02039    | 开槽沉头螺钉M4×9    | Slotted countersunk screw M4×9 | 至2023. 7. 1  |
|      | 417S17001 | 开槽沉头螺钉M4×9    | Centrifugal fan 650W           | 2023. 7. 1-  |
| 20   | 142045011 | 电磁阀4V110-06-B | Solenoid valve 4V110-06-B      | 至2024. 8. 20 |
|      | 141945029 | 电磁阀4v210-06   | Solenoid valve 4v210-06        | 2024. 8. 20- |
| 36   | 417S30306 | 螺栓(带垫圈)M5×15  | Screw (with washer) M5×15      | 至2023. 6. 10 |
|      | 421S13059 | 螺栓(带垫圈)M5×20  | Screw (with washer) M5×20      | 2023. 6. 10- |

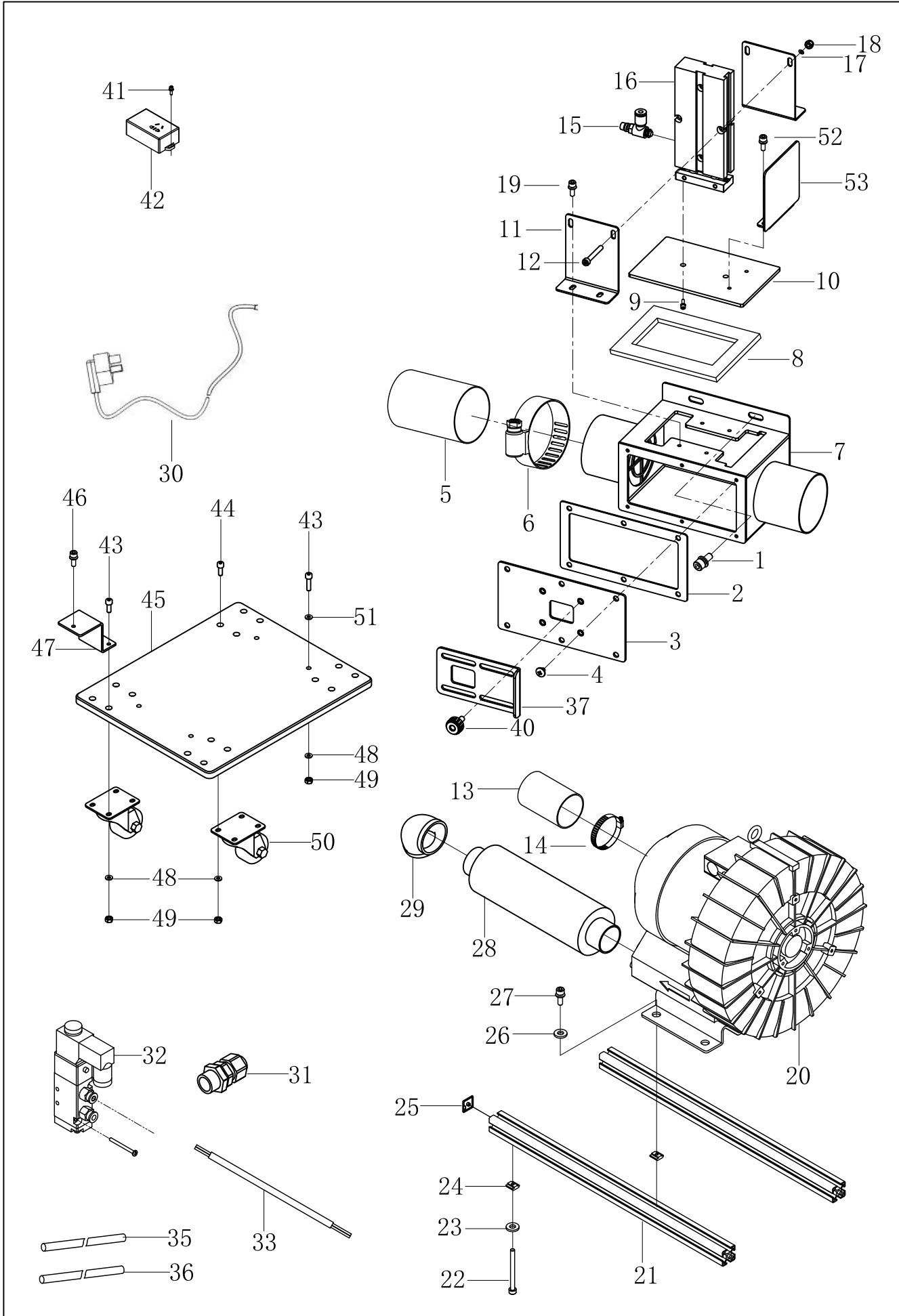
X7-物联网/ IOT



X7、物联网 / IOT

| 序号<br>No. | 件号<br>Part. No. | 零部件名称            | NAME OF PARTS                      | 数量<br>Amt. | 备注 |
|-----------|-----------------|------------------|------------------------------------|------------|----|
| 1         | 61807032        | 铜柱16mm(10mm+6mm) | 16 mm copper column (10 mm + 6 mm) | 2          |    |
| 2         | 141830042       | 物联网电路板           | Internet of Things circuit board   | 1          |    |
| 3         | 403S11035       | 螺钉M3×5           | Screw M3×5                         | 2          |    |
| 4         | 141830043       | 信号线(示意图)         | Signal line (Schematic diagram)    | 1          |    |
| 5         | 141830044       | 电源线(示意图)         | Power cord (Schematic Diagram)     | 1          |    |

X8-吸风装置/ Air suction

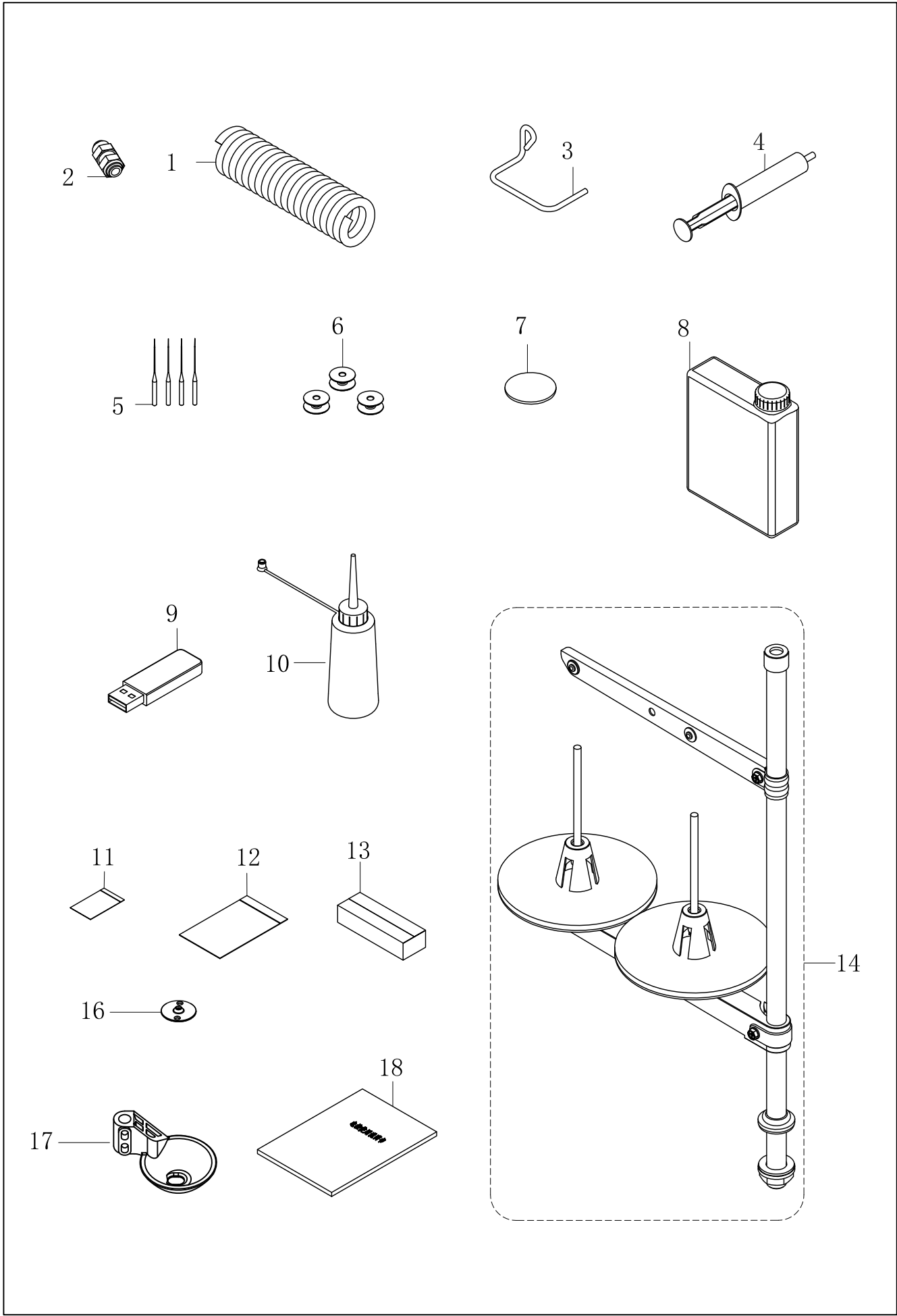


## X8、吸风装置 / Air suction part

| 序号<br>No. | 件号<br>Part. No. | 零部件名称        | NAME OF PARTS                                   | 数量<br>Amt. | 备注          |
|-----------|-----------------|--------------|-------------------------------------------------|------------|-------------|
| 1         | 417S30034       | 螺钉M4×14      | Screw M4 x 14                                   | 2          |             |
| 2         | 142512276       | 管道开关盒密封垫B    | Pipe switch box gasket B                        | 1          |             |
| 3         | 930002092       | 吸风盖板B        | Suction cover B                                 | 1          | 142512277   |
| 4         | 421S10022       | 螺钉M4×6       | Screw M4 x 6                                    | 15         |             |
| 5         | 142545012       | PU聚氨酯风管 φ60  | PU polyurethane air duct φ60                    | 0.5        |             |
| 6         | 142531041       | 抱箍52-76      | Hoop 52-76                                      | 2          |             |
| 7         | 930002091       | 吸风开关盒        | Suction switch box                              | 1          | 14251227200 |
| 8         | 142523003       | 贴合板密封条B      | Laminate plate seal strip B                     | 2          |             |
| 9         | 421S13035       | 螺钉M4×8       | Screw M4 x 8                                    | 2          |             |
| 10        | 142512273       | 密封贴合板B       | Laminate plate seal strip B                     | 1          |             |
| 11        | 142512274       | 气缸安装板B       | Cylinder mounting plate B                       | 2          |             |
| 12        | S05064          | 螺钉M4×30      | Screw M4×30                                     | 2          |             |
| 13        | 142545012       | PU聚氨酯风管 φ60  | PU polyurethane air duct φ60                    | 2          |             |
| 14        | 142531041       | 抱箍52-76      | Hoop 52-76                                      | 2          |             |
| 15        | 41845231        | 气管接头         | Gas pipe joint                                  | 2          |             |
| 16        | 142545022       | 双杆气缸TN16×60S | Double rod cylinder TN16×60S                    | 1          |             |
| 17        | W01001          | 垫圈4          | Washer 4                                        | 2          |             |
| 18        | 407N01002       | 自锁螺母M4       | Self-locking nut M4                             | 2          |             |
| 19        | 413S13008       | 螺钉M4×8       | Screw M4 x 10                                   | 4          |             |
| 20        | 142533019       | 高压风机         | High pressure fan                               | 1          |             |
| 21        | 142542028       | 铝型材          | Aluminium extrusion material                    | 2          | 单吸风         |
| 22        | 417S13500       | 螺钉M5×70      | Screw M5 x 70                                   | 4          | 单吸风         |
| 23        | 41828611        | 垫圈5          | Washer 5                                        | 4          | 单吸风         |
| 24        | 142542029       | 方形螺母块        | Square nut block                                | 8          | 单吸风         |
| 25        | 142544002       | 型材端盖         | Profile end cover                               | 4          | 单吸风         |
| 26        | 40128034        | 垫圈6×18.3×2   | Gasket 6×18.3×2                                 | 4          |             |
| 27        | 417S30306       | 螺钉(带垫圈)M5×15 | Screw (with washer)M5×15                        | 4          |             |
| 28        | 142545013       | 消音器          | silencer                                        | 1          |             |
| 29        | 142502029       | 90度弯头内丝(2寸)  | 90 ° elbow inner wire (2 inches)                | 1          |             |
| 30        | 42230512        | 主电源开关线       | Main power switch cable                         | 1          |             |
| 31        | 41811215        | 出线口          | Outlet                                          | 1          |             |
| 32        | 141945029       | 电磁阀4v210-06  | Solenoid valve 4v210-06                         | 1          |             |
| 33        | 41730022        | 电磁阀接线        | Solenoid valve wire                             | 1          |             |
| 34        | 142530052       | 脚踏           | foot                                            | 1          |             |
| 35        | 41845224        | 气管φ4×2.5黑色   | Trachea 4×2.5 black                             | 3          |             |
| 36        | 41845223        | 气管φ4×2.5透明蓝  | Trachea 4×2.5 transparent blue                  | 3          |             |
| 37        | 142512275       | 风量调节开关板C     | Air volume control switch cover C               | 1          |             |
| 38        |                 |              |                                                 |            |             |
| 39        |                 |              |                                                 |            |             |
| 40        | 41711208        | 螺钉M5Q        | Screw M5Q                                       | 4          |             |
| 41        | 417S30302       | M4×12        | Screw M4×12                                     | 4          | 带激光         |
| 42        | 41830021        | 插线板A01       | Plug board A01                                  | 1          | 带激光         |
| 43        | S05035          | M5×25        | Screw M5 x 25                                   | 4          | 带激光         |
| 44        | S05124          | M5×16        | Screw M5 x 16                                   | 12         | 带激光         |
| 45        | 142532085       | 吸风风机安装板      | Adhesive wiring fixing base                     | 1          | 带激光         |
| 46        | 417S30306       | 螺钉M5×15      | Screw M5 x 15                                   | 2          | 带激光         |
| 47        | 930001266       | 吸风风机安装板连接板   | Air suction fan mounting plate Connecting plate | 2          | 142512203   |
| 48        | 41828611        | 垫圈5          | Washer 5                                        | 8          | 带激光         |
| 49        | 407N01001       | 自锁螺母M5       | Self-locking nut M5                             | 16         | 带激光         |
| 50        | 142532063       | 脚轮           | castor                                          | 4          | 带激光         |
| 51        | 41728028        | 垫圈5          | Washer 5                                        | 16         | 带激光         |
| 52        | 413S13008       | 螺钉M4×8       | Screw M4 x 8                                    | 2          |             |
| 53        | 142512267       | 吸风挡风板        | Suction wind deflector                          | 1          |             |
| 54        | 61910001        | 大扎带          | Large cable tie                                 | 5          |             |
| 55        | 61910003        | 小扎带          | Small cable tie                                 | 10         |             |

| 变更记录 |           |               |                                   |                        |
|------|-----------|---------------|-----------------------------------|------------------------|
| 序号   | 件号        | 零部件名称         | NAME OF PARTS                     | 使用时间                   |
| 2    | 142512188 | 管道开关盒密封垫      | Pipe switch box gasket            | 至2024. 2. 15           |
|      | 142512276 | 管道开关盒密封垫B     | Pipe switch box gasket B          | 2024. 2. 15-           |
| 3    | 930001217 | 管道开关盒盖板       | Pipe switch box cover plate       | 至2024. 2. 15           |
|      | 930002092 | 吸风盖板B         | Suction cover B                   | 2024. 2. 15-           |
| 7    | 930001216 | 管道开关盒组件       | Pipe switch box assembly          | 至2024. 2. 15           |
|      | 930002091 | 吸风开关盒         | Suction switch box                | 2024. 2. 15-           |
| 8    | 142523001 | 贴合板密封条        | Laminate plate seal strip         | 至2024. 7. 5            |
|      | 142523003 | 贴合板密封条B       | Laminate plate seal strip B       | 2024. 7. 5-            |
| 9    | 421S13012 | 螺钉M4×10       | Screw M4 x 10                     | 至2024. 7. 5            |
|      | 421S13035 | 螺钉M4×8        | Screw M4 x 8                      | 2024. 7. 5-            |
| 10   | 142512185 | 密封贴合板         | Laminate plate seal strip         | 至2024. 2. 15           |
|      | 142512273 | 密封贴合板B        | Laminate plate seal strip B       | 2024. 2. 15-           |
| 11   | 142512190 | 气缸固定板         | Cylinder mounting plate           | 至2024. 2. 15           |
|      | 142512274 | 气缸安装板B        | Cylinder mounting plate B         | 2024. 2. 15-           |
| 16   | 142545011 | 双杆气缸TN15-50S  | Double rod cylinder TN15-50S      | 至2024. 2. 15           |
|      | 142545022 | 双杆气缸TN16×60S  | Double rod cylinder TN16×60S      | 2024. 2. 15-           |
| 32   | 142045011 | 电磁阀4V110-06-B | Solenoid valve 4V110-06-B         | 至2024. 8. 20           |
|      | 141945029 | 电磁阀4v210-06   | Solenoid valve 4v210-06           | 2024. 8. 20-           |
| 37   | 142512206 | 风量调节开关盖板      | Air volume control switch cover   | 至2023. 8. 2            |
|      | 142512245 | 风量调节开关板B      | Air volume control switch cover B | 2023. 8. 2-2024. 2. 15 |
|      | 142512275 | 风量调节开关板C      | Air volume control switch cover C | 2024. 2. 15-           |
| 38   | 142512204 | 风量调节开关板       | Air volume control switch board   | 至2023. 8. 2            |
| 39   | 142512205 | 风量调节开关垫板      | Air volume control switch pad     | 至2023. 8. 2            |
| 40   | 421S13012 | 螺钉M4×10       | Screw M4 x 10                     | 至2023. 8. 2            |
|      | 41711208  | 螺钉M5Q         | Screw M5Q                         | 2023. 8. 2-            |
| 52   | 413S13008 | 螺钉M4×8        | Screw M4 x 8                      | 2024. 2. 15-           |
| 53   | 142512267 | 吸风挡风板         | Suction wind deflector            | 2024. 2. 15-           |

Z、附件 / Accessories



## Z、附件 / Accessories

| 序号<br>No. | 件号<br>Part. No. | 零部件名称        | NAME OF PARTS                       | 数量<br>Amt. | 备注 |
|-----------|-----------------|--------------|-------------------------------------|------------|----|
| 1         | 40730010        | 螺旋气管         | Spiral tube                         | 6          |    |
| 2         | 40736001        | 螺纹套管接头       | Threaded sleeve joint               | 1          |    |
| 3         | 41712009        | 护指器          | Refers to the guard                 | 1          |    |
| 4         | 11411029        | 注射器          | syringe                             | 1          |    |
| 5         | 40317011        | 机针DP×5 11#   | DP×5 8 # machine needle             | 4          |    |
| 6         | 10818501        | 梭心605.609大梭心 | Spindle 605.609                     | 3          | L  |
|           | 41818621        | 两倍梭芯A(底线检测)  | Double Bobbin A(Baseline detection) | 3          | L  |
| 7         | 41830017        | 电子标签卡        | Electronic tag card                 | 10         |    |
| 8         | 933672          | 工业白油         | Industrial white oil                | 0.5        |    |
| 9         | 42230854        | U盘           | U disk                              | 1          |    |
| 10        | 11631008        | 油壶           | Oil can                             | 1          |    |
| 11        | 20131076        | 15×9袋        | 15×9 bags                           | 3          |    |
| 12        | 20131077        | 20×15袋       | 20×15 bags                          | 1          |    |
| 13        | 41731015        | 花样机附件箱B      | Flower prototype accessory box B    | 1          |    |
| 14        | 14183106000     | 线架组件         | Wire frame component                | 1          |    |
|           | 14183106100     | 线架组件B        | Wire rack assembly B                | 1          | B  |
| 15        | 110211011       | 油袋(400ml)    | Oil bag (400ml)                     | 1          |    |
| 16        | 142515003       | 针孔板 Φ2.2     | Pinhole plate Φ2.2                  | 1          |    |
| 17        | 142016009       | 塑料外压脚A       | Plastic external press pin A        | 1          |    |
| 18        | 952203          | 打包装箱清单       | Packing packing list                | 4          |    |

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杰克缝纫机股份有限公司

中国浙江省台州市椒江区三甲东海大道东段1008号

电话 :0086-576-88177788 88177789

传真 :0086-576-88177758

产品标准代号 : QB/T 4304-2012

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JACK SEWING MACHINE CO.,LTD.

No. 1008, DONGHAI AVENUE EAST, JIAOJIANG DISTRICT, TAIZHOU CITY

TEL: 0086-576-88177782 88177767 E-mail: sales@chinajack.com

FAX: 0086-576-88177787

www.chinajack.com

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