12” PANEL SAW
INSTRUCTION MANUALS

XM200021
20150509

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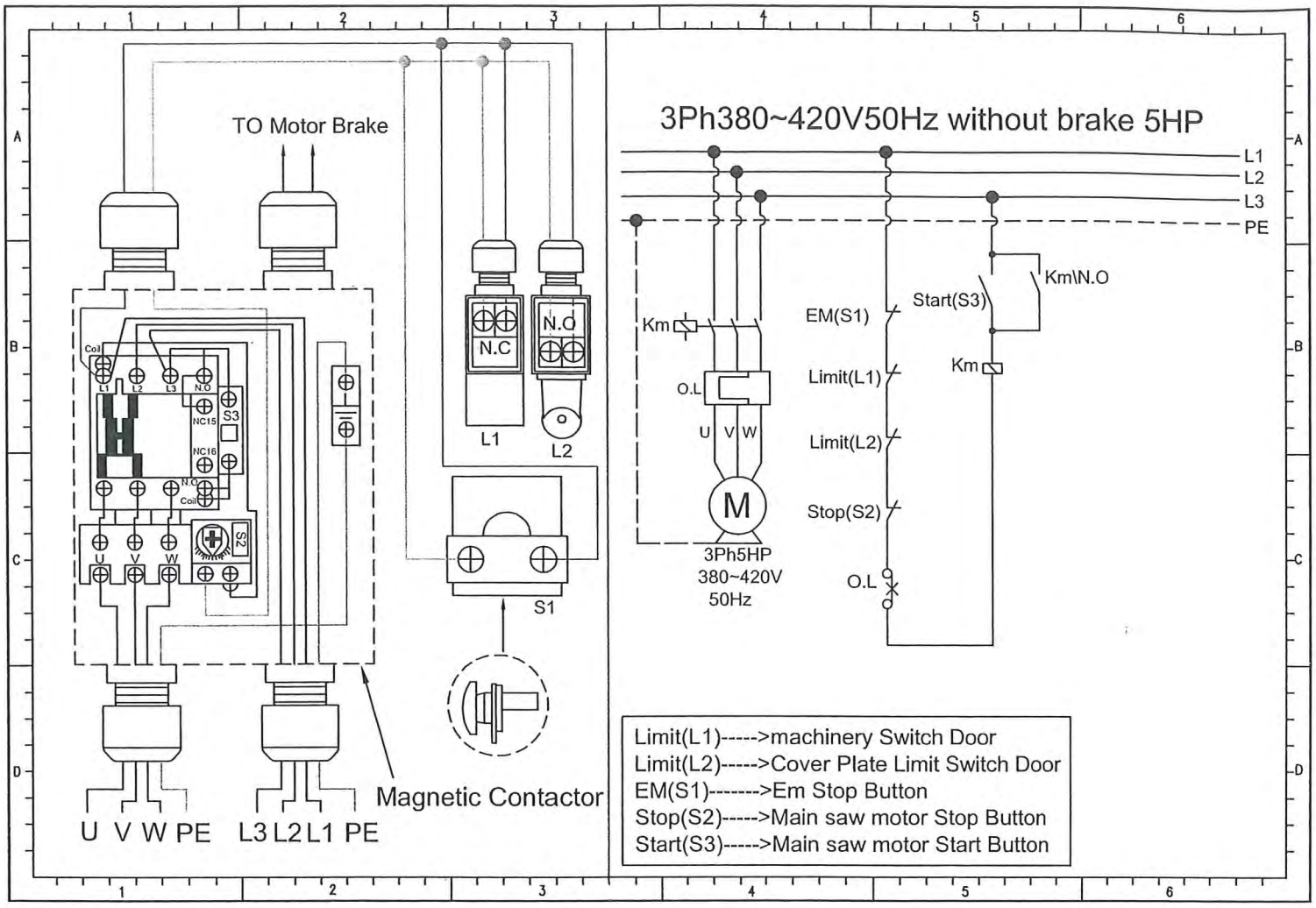
General Information

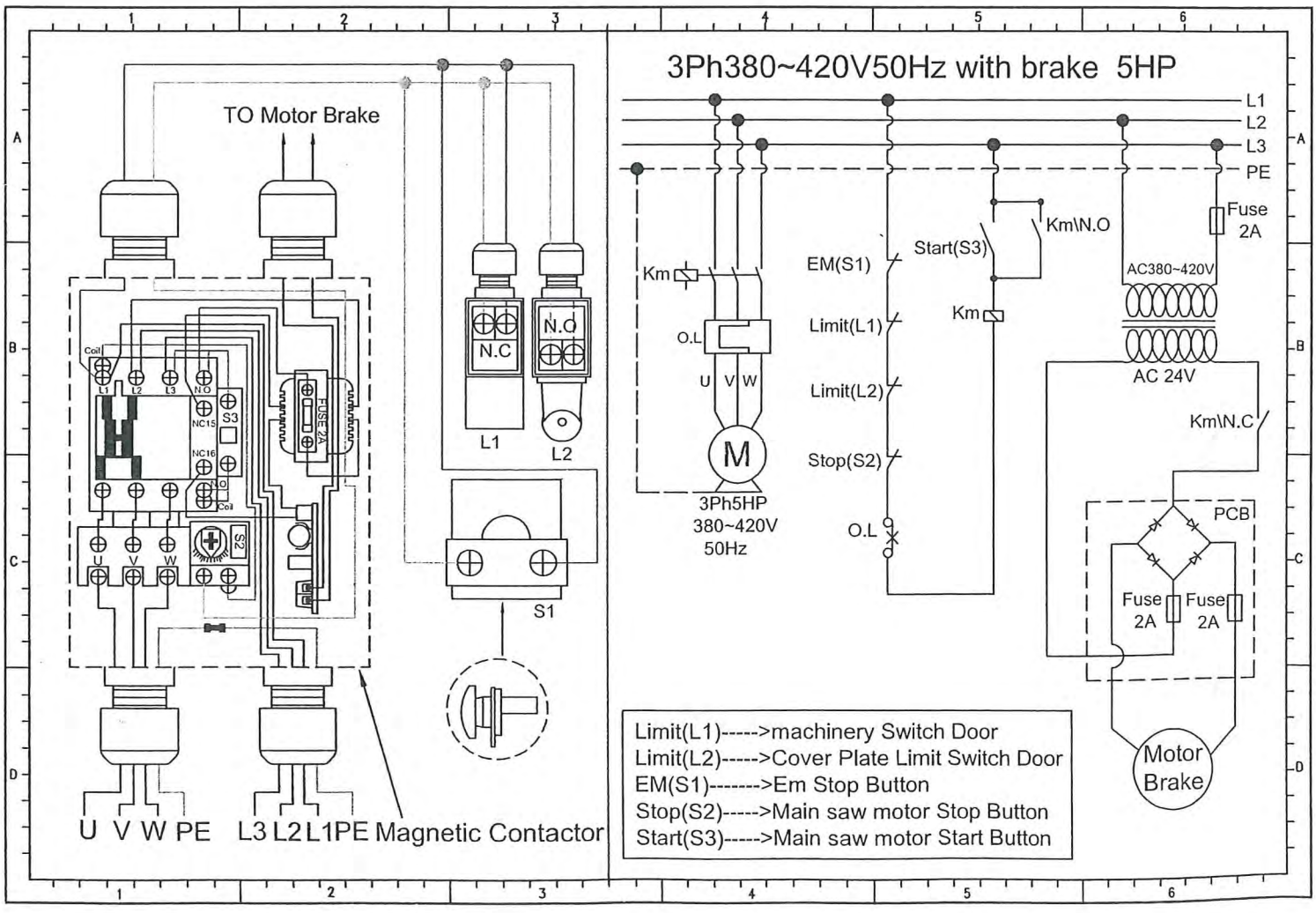
OAV equipment & tools, inc. is specialized to supply full series of panel saw from 1600, 2300, 2500 to 3200mm. The outlook design of this machine is so unique, complete cast iron trunnion bracket instead of sheet metal, enlarged outtirgger and carriage, direct dust collection outlet. term its overall condition. The table saw is also an important products after our band saw series, please enjoy your operation on this machine and If you have any comment to improve this saw, please don't hesitate to contact us through your agent.

Safety Rules

For your own safety read instruction manual before operating

1. To avoid dangerous working environments, do not use stationary machine tools in wet or damp locations, keep work area as clean and well-lit.
2. Wear proper apparel, no loose clothing or jewery which can get caught in moving parts.
3. Never leave when machine is running.
4. Disconnect electrical power before tools are serviced.
5. Remove adjusting keys and wrenches before turning machine on.
6. Be sure that the keys and adjusting wrenches have been removed and all the nuts and bolts are secured.
7. Keep guards in place and in working order.
8. Keep children and visitors away, they should be kept at a safe distance from the work area. Never leave the machine with power on.
9. Keep hands well away from blades and all moving parts. Do not clear chips and sawdust away with hands.


TO Motor Brake
N.C
N.C
L1
L2
S1
Magnetic Contactor
U V W PE L3 L2 L1 PE
3Ph380~420V50Hz without brake 5HP
L1
L2
L3
PE
Km
O.L
U V W
M
3Ph5HP
380~420V
50Hz
EM(S1)
Limit(L1)
Limit(L2)
Stop(S2)
O.L
Start(S3)
Km\N.O
Km
Limit(L1)------>machinery Switch Door
Limit(L2)----->Cover Plate Limit Switch Door
EM(S1)------->Em Stop Button
Stop(S2)----->Main saw motor Stop Button
Start(S3)----->Main saw motor Start Button


TO Motor Brake
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3Ph380~420V50Hz with brake 5HP
L1
L2
L3
PE
Km
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U V W
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380~420V
50Hz
EM(S1)
Limit(L1)
Limit(L2)
Stop(S2)
O.L
Start(S3)
Km\N.O
Km
Fuse
2A
AC380~420V
AC 24V
Km\N.C
PCB
Fuse
2A
Fuse
2A
Motor
Brake
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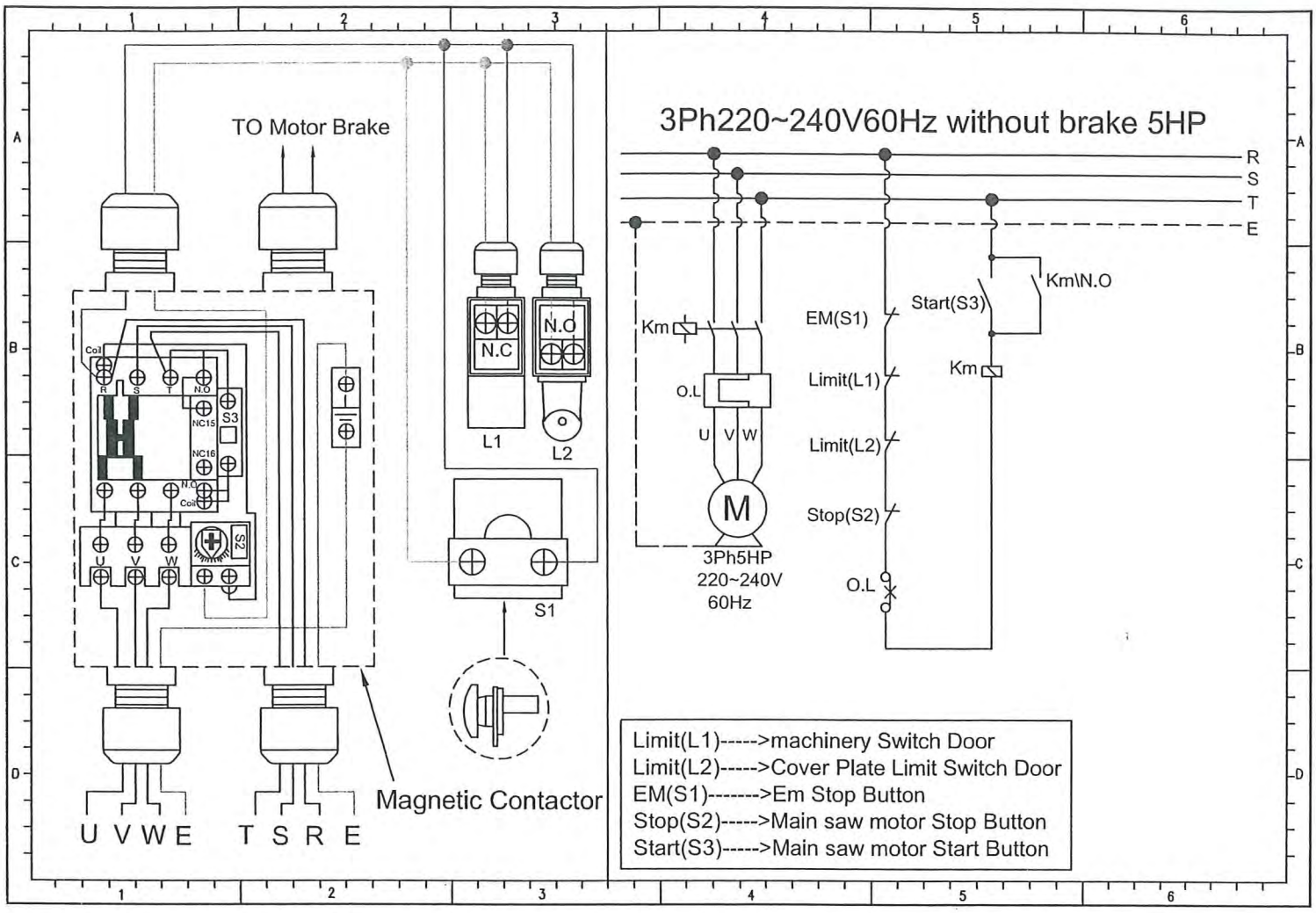
TO Motor Brake
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L2
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Magnetic Contactor
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T S R E
3Ph220~240V60Hz without brake 5HP
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Km
O.L
U V W
M
3Ph5HP
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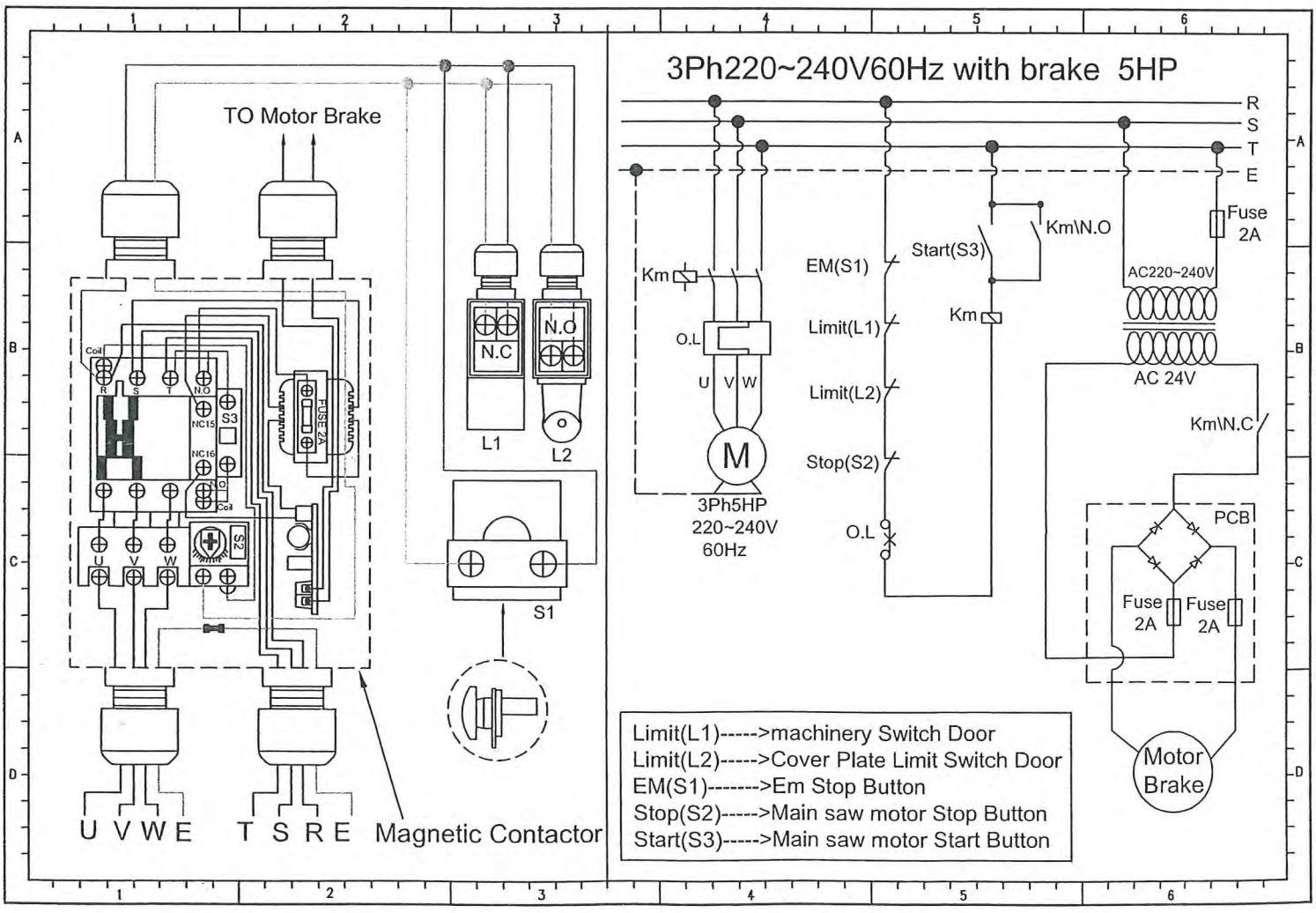
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EM(S1)
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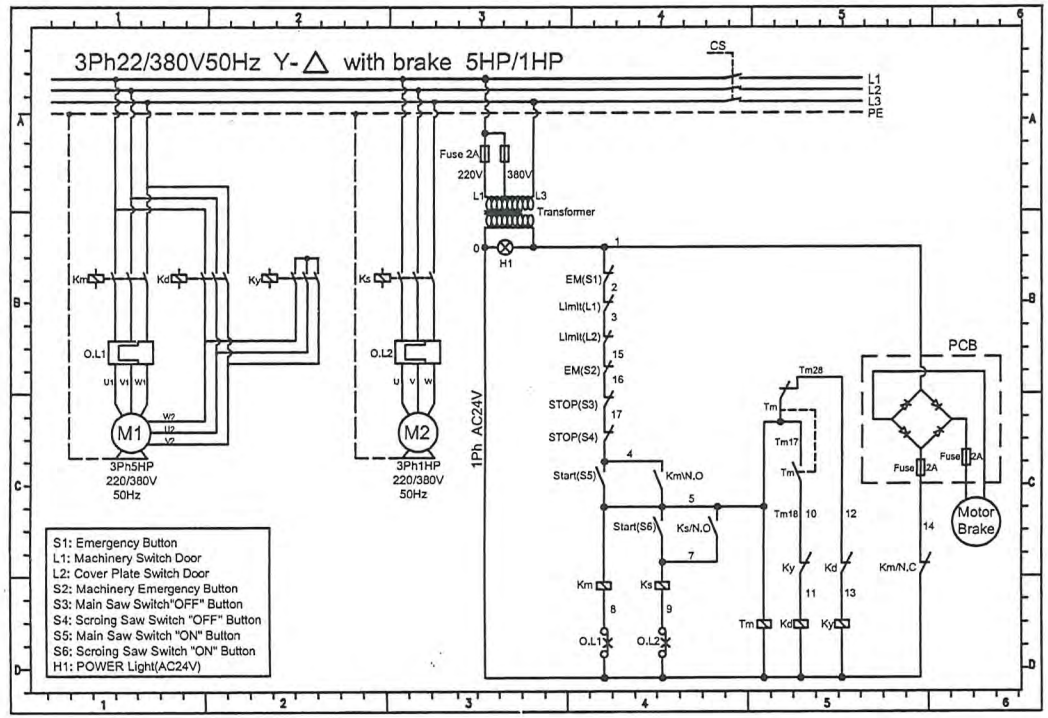
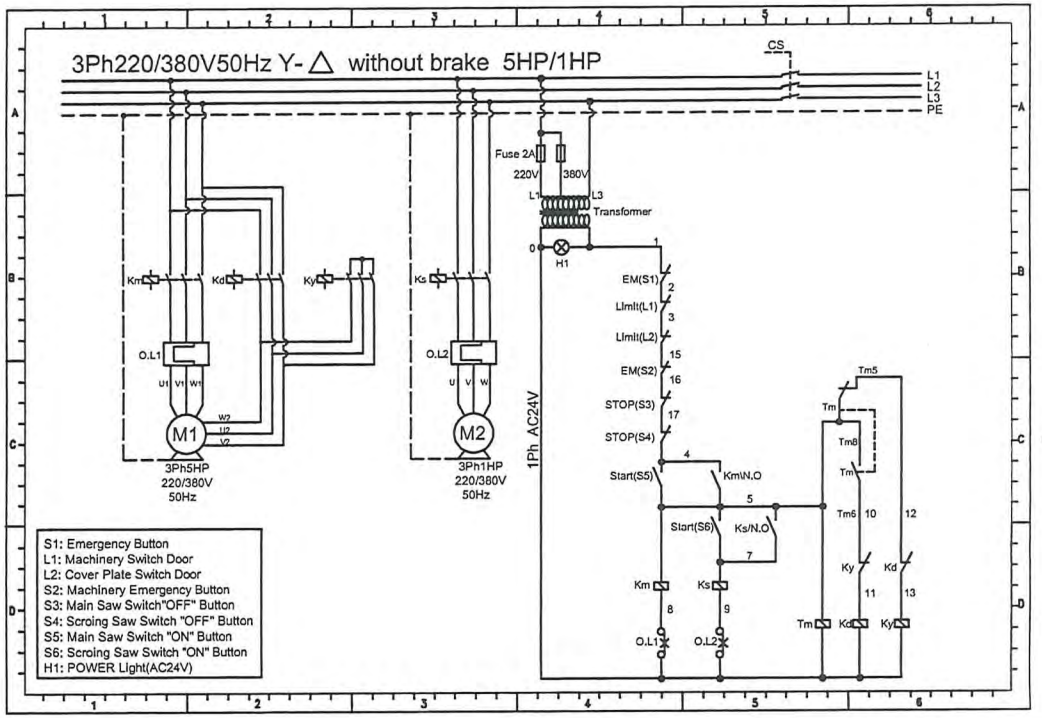
3Ph22/380V50Hz Y-△ with brake 5HP/1HP



S1: Emergency Button
L1: Machinery Switch Door
L2: Cover Plate Switch Door
S2: Machinery Emergency Button
S3: Main Saw Switch"OFF" Button
S4: Scroing Saw Switch "OFF" Button
S5: Main Saw Switch "ON" Button
S6: Scroing Saw Switch "ON" Button
H1: POWER Light(AC24V)

3Ph220/380V50Hz Y-△ without brake 5HP/1HP



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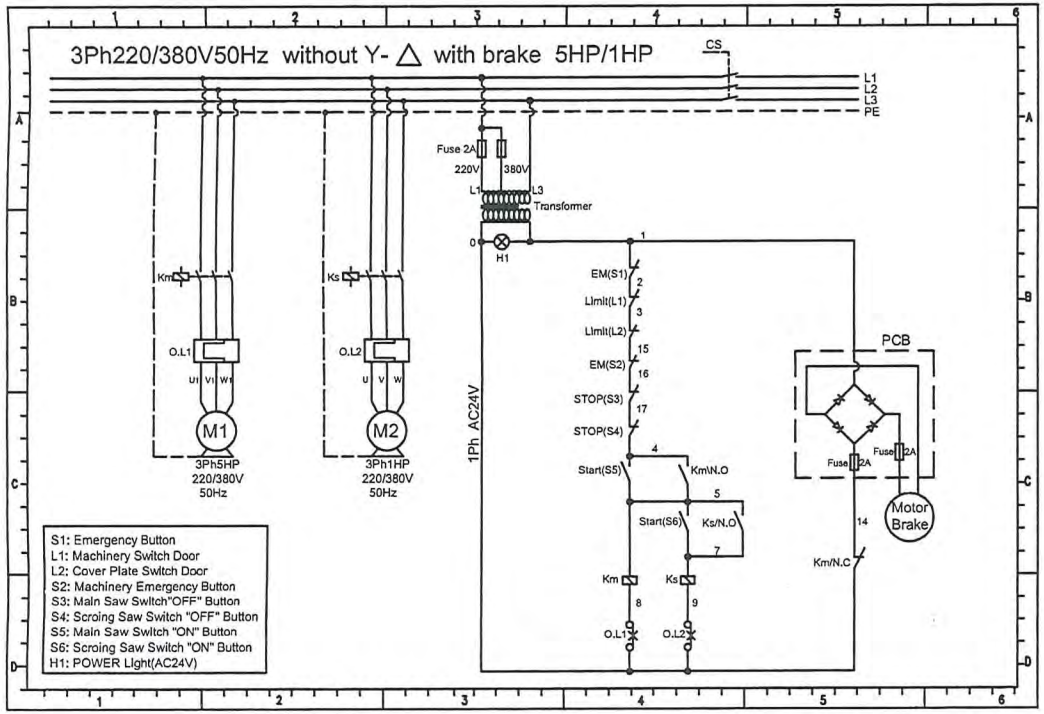
3Ph220/380V50Hz without Y-△ with brake 5HP/1HP



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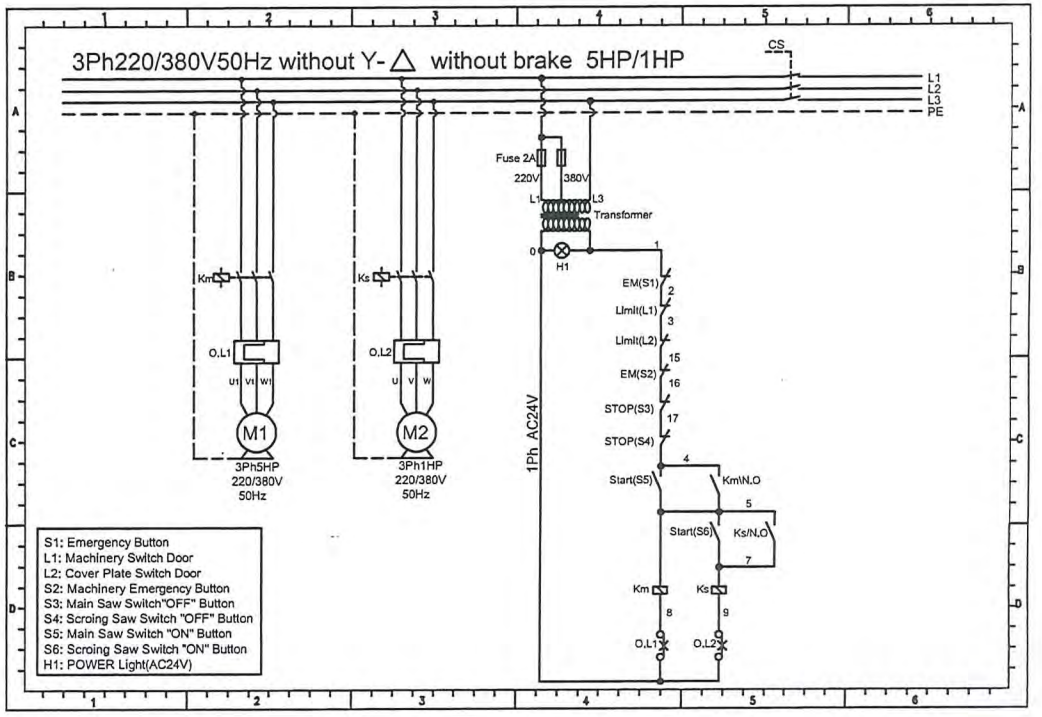
3Ph220/380V50Hz without Y-△ without brake 5HP/1HP



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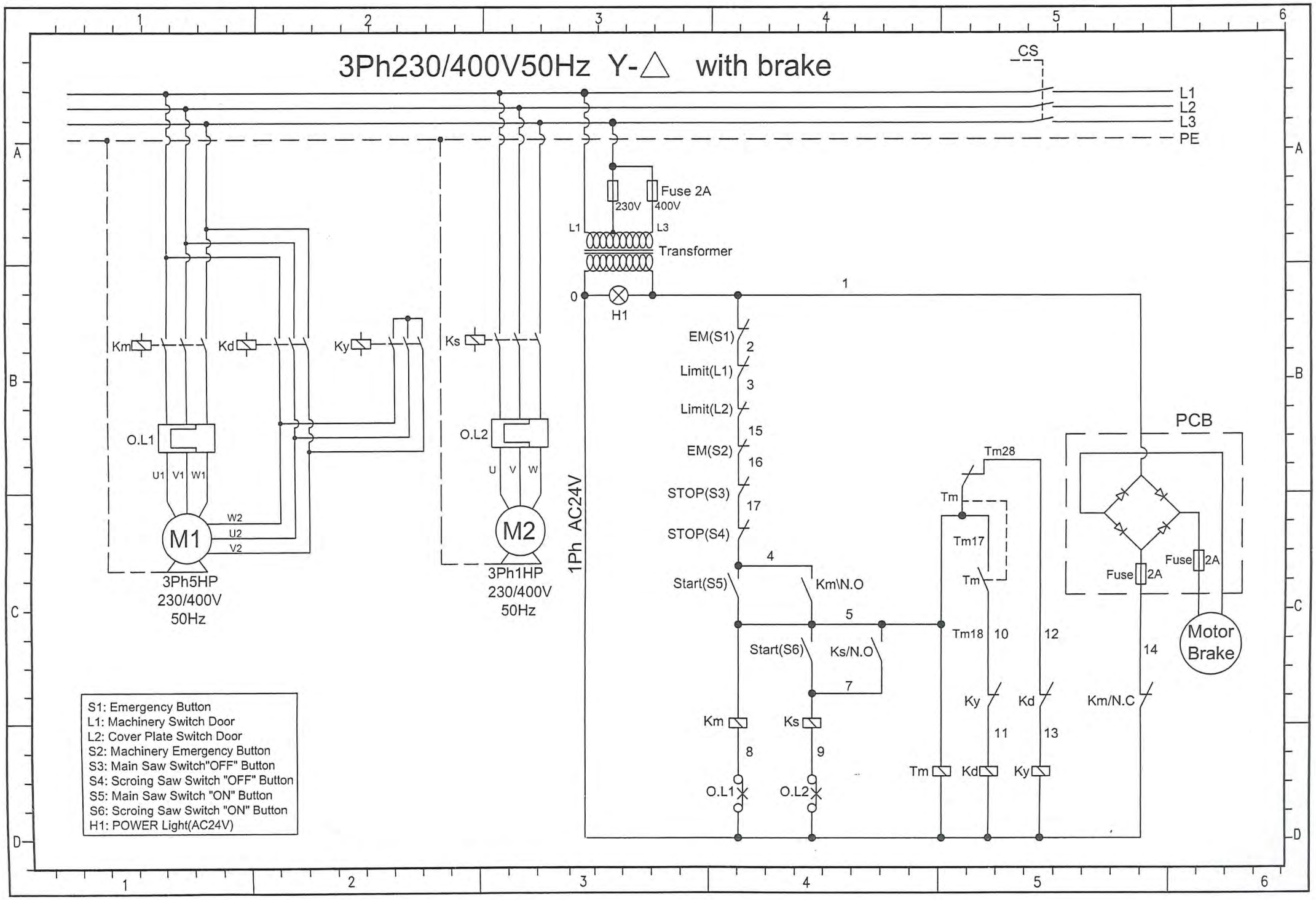
S6: Scroing Saw Switch "ON" Button
H1: POWER Light(AC24V)

3Ph230/400V50Hz Y-△ with brake



S1: Emergency Button
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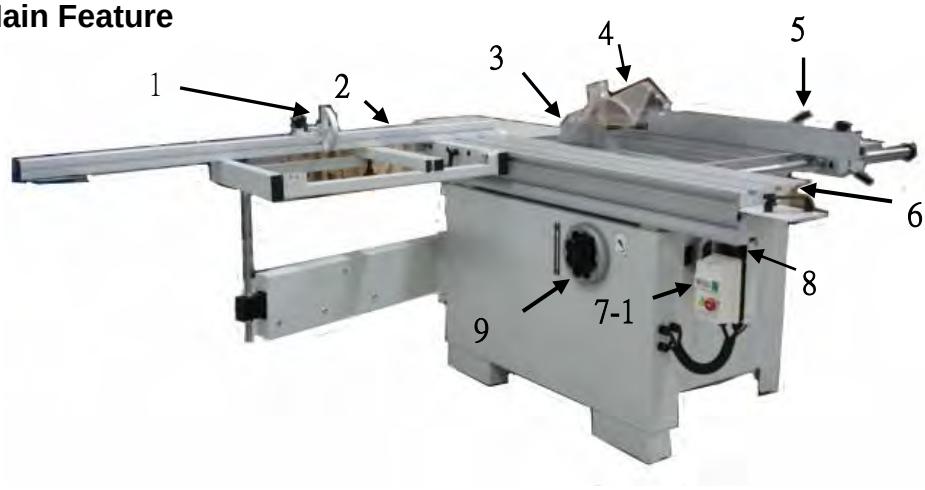
Specification Sheet

Model	P30 1600mm	P30 2200mm
Cast iron fixed table dimension	548x896mm	
Sliding table dimension	1,600x316mm	2,200x360mm
Main saw blade	305mm	
Main saw bore	30mm	
Max. cutting height with blade at 90°	90mm	
Max. cutting height with blade at 45°	63mm	
Main motor power(3ph)	5HP(3Kw)	
Main blade speed	4,240rpm	
Scoring saw blade	120mm	
Scoring saw blade bore	20mm	
Scoring blade motor power	3/4HP(0.56Kw)	
Scoring blade speed	8,350rpm	
Cutting width	835mm(1,250mm as opt.)	
Blade tilting adjustment	Manual(0~45°)	
Main saw height adjustment	Manual	
Dust collection system	120mm/60mm	
N.W./G.W./MEAS. (Machine)	317/376KGS 1,400*1,100*1,060mm	317/376KGS 1,400*1,100*1,060mm
N.W./G.W./MEAS. (Sliding table)	60/66KGS 1,700*470*240mm	79/84KGS 2,300*470*240mm
Ctn. Q'ty.	16/32 sets	16/32 sets

Due to need of continuous improvement, specifications are subjected to change without prior notice.

Main Feature



1. Flip Stopper-Large stopper for accurate measurements

2. Crosscut Fence-90° and 45° quick position design for a precise crosscutting operation

3. Riving Knife : It is prevent kickback caused by the knife closing behind the blade

4. Saw Blade Guard : Fully adjustable blade maintains maximum protection around the saw blades.

5. Cast Iron Rip Fence : Micro adjustment for smooth and pricise cutting

6. Sliding table : Double roller carriage with steel bar guidance for smoothly cutting, precise sliding guides the workpiece through the blade.

7-1. Control Panel : Simple push button controls for operation ; 7-2. W/CE (optional)

8. BladeAngle Adjusting Handwheel : Manual adjusts the angle of saw blade

9. Blade Height Adjusting Handwheel : Manual adjusts the height of saw blade

Assembly and set up

(1) Control panel

1. Main Switch : Power on and power off the panel saw.
2. Emergency stop button disconnects power to motor.
3. Blade on button : Starts the main saw blade and scoring saw blade.
4. Blade off button : Stops the main saw blade and scoring saw blade.

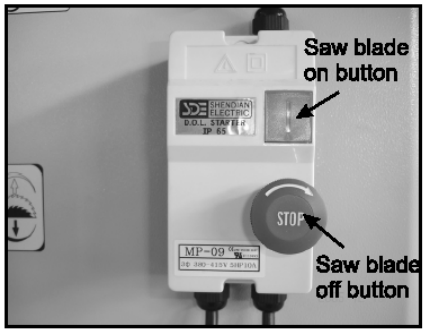


Fig. 1

(2) Rip fence

A. One single lock down lever: Simple and precise to lock the fence assembly into fence rail
B. Micro adjust knob Precisely adjustment.
C. Forward and backward slide lock handle : To firm the high/low profile alum. Fence on its forward/backward slide track
D. Micro-adjust lock knob: secures the fence after it has been adjusted with micro-adjustment knob.
E. Rip fence scale: Allows precise measurement of rip cutting operations.

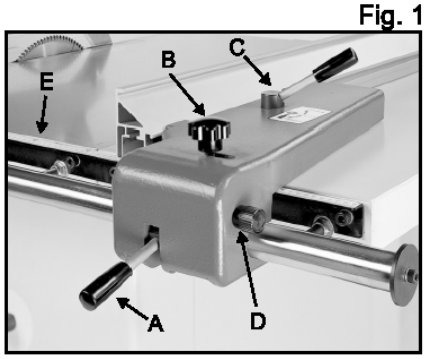
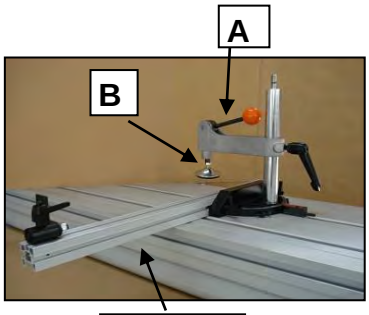


Fig. 2

(3) Hold Down

A. Fine adjustment handle
B. Floating rubber to fix the wood firmly



Optional

(4) Riving knife and saw blade

1. Riving knife : Maintains kerf opening during cutting operations. The Purpose is crucial to preventing kickback caused by the kerf closing behined the blade.
2. Main saw blade : The maximum is 305 mm. (it is as option)
3. Scoring saw blade : It is rotates opposite the main saw blade, the blade cores the workpice before the actual cutting operation is performed preventing tear-out in laminate materials. The scoring is adjustable forward and backward, upper and down.

Fig. 4

(5) Moving & fixing the base unit

Place a level on the saw table and djusting foot stands, so the saw table is level from left to right and from front to back. Lock the foot studs in position by tightening their jam bolts against the machine body. (fig.5)

*Remind firstly to remove the wood ad supporting of motor before starting the table saw.

Fig. 5

(6) Extension Tables content

How to install the extension tables
1. Thread the set screws into the suitable holes from the inside of both extension tables.
2. Before the tables are leveleed, please don't completely tighten the bolts in follw steps.
3. Attach the large extension table with three cap screws, lock washers and flat washers (Fig. 6)

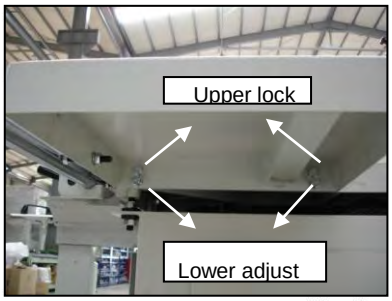


Fig. 6

4. Attach the small extension table with cap screws, lock washer and flat washers(Fig. 7)
5. Check the surfaces 0 degree the table with a straightedge(Fig. 8)
6. Assemble the supportbracket into the extension table(we have rest holes for fixing), then adjust the levelling screw of foot struds in order to make left ext. Table is parallel with saw table.

Fig. 7

Fig. 8

(7) Scale adjustment

1. Tight the cap screws to the extension table and adjust to be with the top of the table.

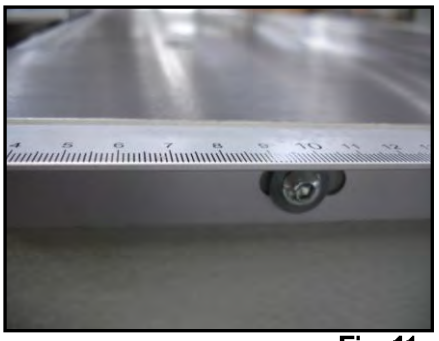


Fig. 11

(8) Rip fence

Rip fence content
Rip fence x 1
Round rail for rip fence x 1
Rip fence body x 1
Stud m12-1.75x115 x 4
Hex Nut M12-1.75 x 12
Flat washer 12mm x 8
Lock washer 12mm x 4
Lock washer 8mm x 1
Cap screw M8-1.25 x 16 x 1
End washer 8mm x 1
Adjustable ring & set screw x 1
Lock handle M10-1.5 x 12 x 2
Knob M10-1.5 x 70 x 1

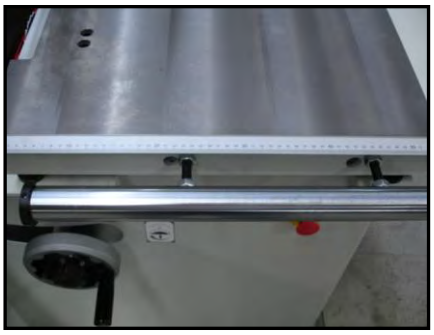


Fig. 12

How to adjust the rip fence

1. Thread 4pcs M12-1.75 x 115 studs into round rail.
2. Thread an M12-1.75 hex nut onto each stud and tighten the nut against the round rail
3. Thread an m12-1.75 hex nut and a flat washer half way onto each studs
4. Insert the studs into the table (Fig. 12) Tighten with an M12-1.75 hex nut, lock washer and a flat washer on each stud.
5. Slide the rip fence body onto the rail, then place the adjustable ring on the sliding table end of the rail and secure the ring with the set screw (Fig. 13)
6. Thread the lock handles (fig.14) into the rip fence body and loosely install the fine adjustment knob.
7. Place the end washer on the end of the rip fence rail and secure it with the M8-1.25 cap screw and lock washer.
8. Slide the alum. rip fence onto the clamping plate (Fig.14) and lock it with the handle on the top of the rip fence body.
9. Adjust the nuts on the outside of the table until the edge of the rip fence is parallel with the sliding table (Fig. 14), aligning the fence with the edge of the sliding table.

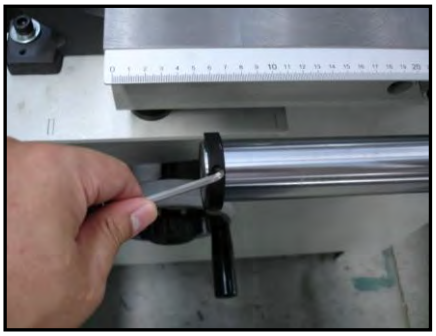


Fig. 13

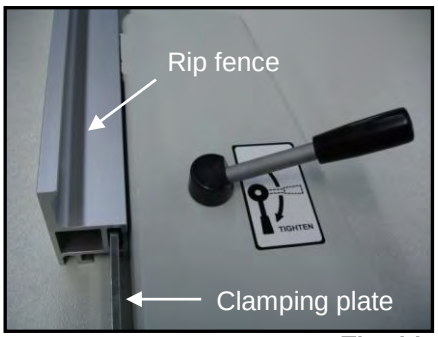


Fig. 14

10. Check the height of the rip fence rail by sliding the rip fence along the rail and comparing the gap between the fence body and the table.
11. Adjust the height of the rip fence rail, then tighten all of the nuts against the table showed (Fig. 15)
12. Check if the bottom of the rip fence rests on the surface of the table. If the rip fence does not rest ont eh on the table, then the fence is correctly adjusted, otherwise, loose the set screw (Fig. 16) and rotate the hex bolt to raise the roller, tighten the set screw to lock the ride height.

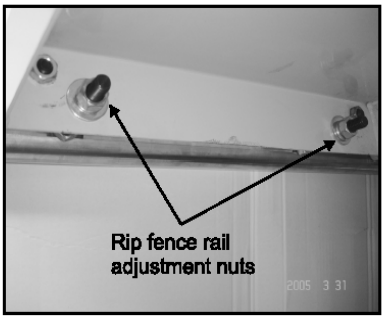


Fig. 15

(9) Cross table

Crosscut content
Crosscut table x 1
Crosscut table brace x 1
T-nut M8-1.25 x 2
T-nut M12-1.75 x 1
Flat washer 12mm x1
Adjustment handle M12-1.75 x 55 x 1
Knob M8-1.25 x 25 x 2
Flat washer 8mm x 2

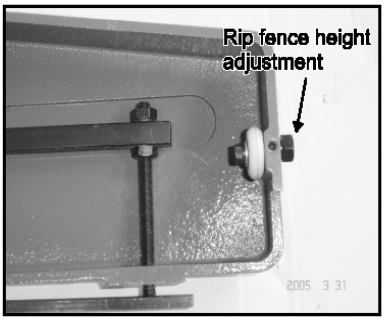


Fig. 16

1. Thread the M12-1.75x55 adjustable handle with a 12mm flat washer through the crosscut table and into a M12-1.75 T-nut. (Fig. 17)

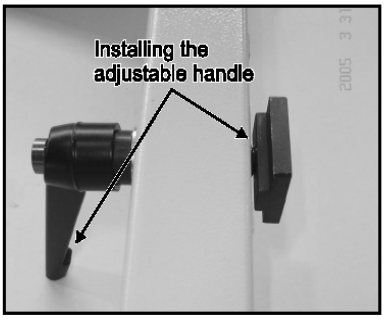


Fig. 17

2. Place the extension table on the pivot pin of the swing arm and slide the T-nut into the T-slot in the sliding table.
3. Slide two M8-1.25 T-nuts into the crosscut table brace.
4. Align the T-nuts in the crosscut table supporter with the holes in the crosscut table and thread the M8-1.25x25 knobs, with 8mm flat washers, into the T-nuts (Fig. 20)

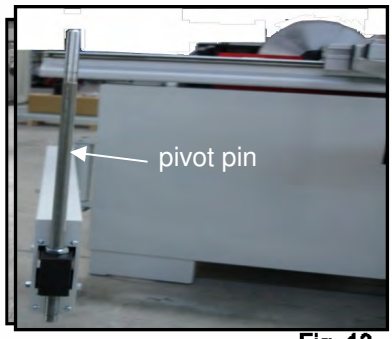


Fig. 18

(10) Crosscut fence

Crosscut fence content
Crosscut fence x 1
Crosscut fence support plate x 1
Center stud M8-1.25 x10 x 1
Fiber washer 8mm x 1
T-nut M8-1.25 x 2
Knob M8-1.25 x 25 x 1
Knob M8-1.25 x 1
T-bolt M8-1.25 x 60 x 1
Flat washer 8mm x 1
Lock washer 8mm x 2
Button head screw M8-1.25 x 16 x 2

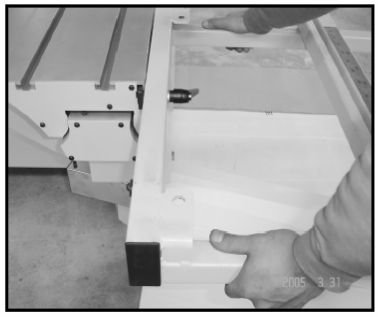


Fig. 19

1. Thread the center stud and the fiber washer into the remaining M8-1.25 T-nut.
2. Sliding the center stud, an M8-1.25 x 60 T-bolt and screw M8-1.25 x 25 knob into the crosscut fence (Fig. 21)
3. Slide the center stud to the end with the plastic cap and tighten it in place.

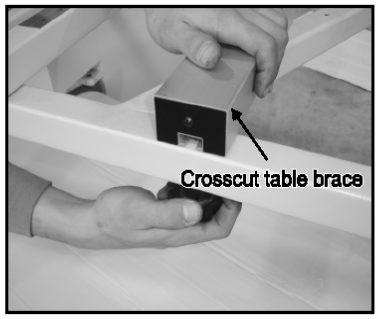


Fig. 20

optional

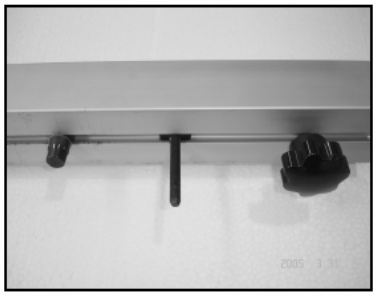


Fig. 21

4. **Insert the center stud and the T-bolt in the places indicated (Fig. 23)**
5. **Secure the crosscut fence with the M8-1.25 knob with an 8mm flat washer threaded onto the T-bolt.**
6. **Unlock the crosscut fence extension and slide the flip stops into the fence**
7. **Slide two M8-1.25 T-nuts into the crosscut fence extension and attach the crosscut fence support plate to the fence extension with two M8-1.25 button head screws and lock washers.**

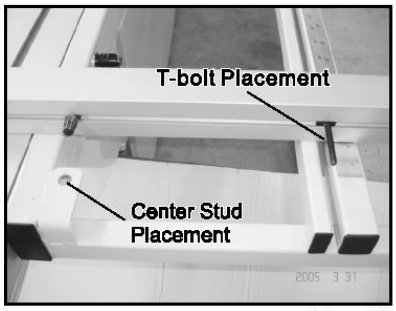


Fig. 23

Sliding Table

(11-1) 1600mm

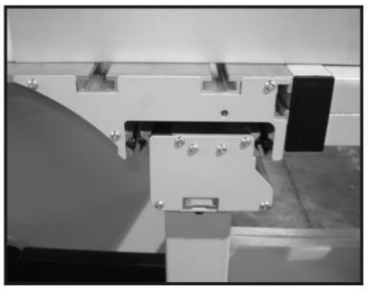
Sliding table content
T-Blot M12-1.75 x 2
Flat washer 12mm x 2
Sliding table locate plate handle x 1
Sliding table lock plate x 1
Lock washer M12 x 2
Hex nut M12 x 1.75 x 2
Lock washer M6 x 2
Hex nut M6 x 2
Hex nut M16 x 2
Switch
Stand
Pan head bolt M4x16
Cap screw M8 x 20
Locate plate

(fig.25-1)

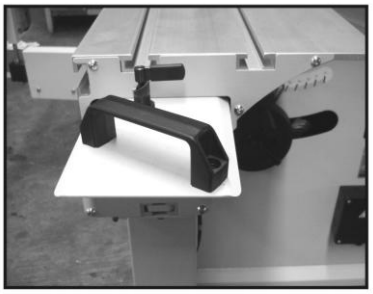
1. The accessories bag contains hex head bolts for fixing the sliding table. Reset the sliding table complete with rail on the machine frame. To lock the rail with the machine frame, screw down into the threaded hole. Push the sliding table up against the stop screws prior to be tighten(fig. 25-1/25-2)

2. Install the end handle of the sliding table with M6x16L bolt head screw 4 pcs, the sliding is located when the table lock is in the right position, (fig.25-4) rotate the table lock 180 degree to unlock the sliding table.
3. Install the locate plate use 4pcs of M6 x 10 button head screw at the two side of sliding table.

(fig.25-2)



(fig.25-3)

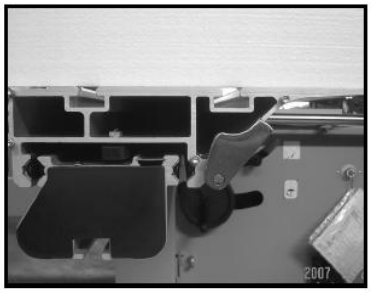


(fig.25-4)

(11-2) 2200mm

Sliding table content
T-nut M12-1.75 x 2
Flat washer 12mm x 2
Push handle M12-1.75 x 12 x 1
Edge shoe x 1
Hold down x 1
Sliding table edge handle x 1
Sliding table lock plate x 1

1. The right end plate when shipping not yet install. (fig.25-5)
2. Install right end plate (Fig. 26) using 4 of the screws removed in the previous step.
3. Install the end handle (Fig. 27) , using the remaining screws, the sliding table is locked in place when the table lock is in the position(Fig. 27), rotate the table lock angle to unlock the sliding table.
4. Slide the M12-1.75 T-nut into the sliding table and thread in the M12-1.75 x12 push handle with a washer. (Fig. 28)
5. Thread the remaining M12-1.75 T-nut into the edge shoe and slide it into the table. (Fig. 29)
6. Slide the hold down onto the table when needed and lock it in place.



(fig.25-5)

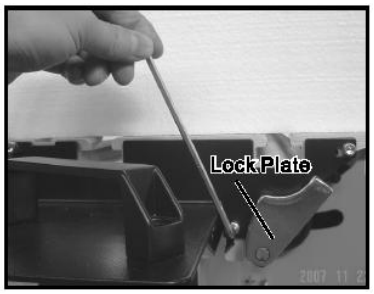


fig.26

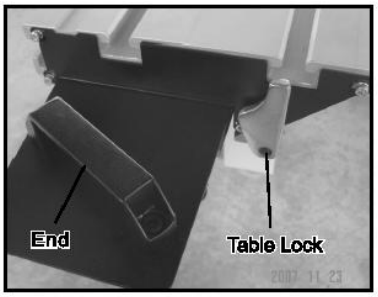


Fig. 27

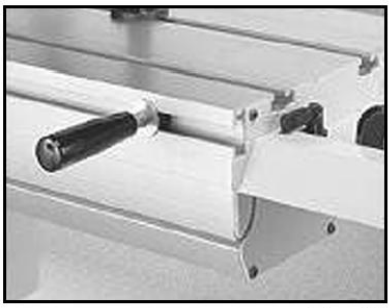


Fig. 28

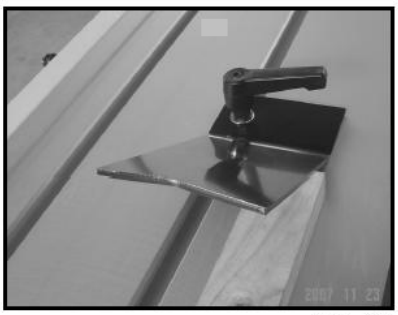


Fig. 29

fig.30

(12) Main Blade

Main blade content
Blade 12" (as option) x 1
Flat belt 15 x 1,045 mm x 1
Riving knife x 1

This saw is designed with 12" main saw blade, before you change blade sizes, the riving knife must be adjusted to match the size of blade you install.

1. Open the motor compartment and remove the foam shipping block and the red shipping brackets from the motors.
2. Place the flat belt on the scoring blade arbor lift the scoring motor and slide the flat belt over the scoring motor pulley.(Option)
3. Move the blade tilt to 0° and raise the main blade as far as it will go.
4. Slide the table all the way forward to access the blade arbor and pull open the blade guard. (fig.31)
5. Use the arbor wrench to remove the arbor nut and arbor flange, the arbor nut has left hand threads and loosens by turning clockwise.

Fig. 31

Fig. 32

6. Slide the blade over the arbor with the teeth facing the front of the saw (fig.32)
7. Re-install the arbor flange and the arbor nut and tighten them against the blade (fig.32)
8. Loosen the riving knife center bolt, slide the riving knife over the bolt (fig.33) and slightly tighten.
9. Position the riving knife about 3mm or 1/8" away from the nearest carbide tooth on the main blade. For a quick gauge, use the 3mm hex wrench to find the correct spacing between the blade and the riving knife. (Fig. 35)
10. Tighten the center bolt to secure the riving knife in position.
11. Move the blade guard back to its original position, and move the sliding table back to center.

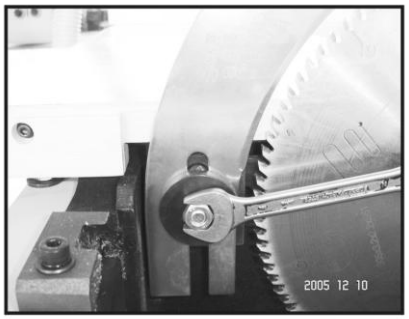


Fig. 33


Fig. 35

(13) Scoring Blade

Aligning Scoring Blade Set

The scoring blade must be aligned with the main blade to ensure satisfactory cutting results.

1. Move the blade tilt to 0 ° (blade 90° to table) and raise the main blade all the way up.
2. Use T tool to adjust scoring blade (Fig. 36-1/-2)
3. Move the rip fence against the main blade (or scoring blade) (Fig. 37)
4. Use the adjustment controls to move the scoring blade so that the rip fence can touch both the scoring blade and the main blade.
5. Lower the scoring blade to the correct height (2mm or 5/64"), perform a test cut, then make any final adjustment.

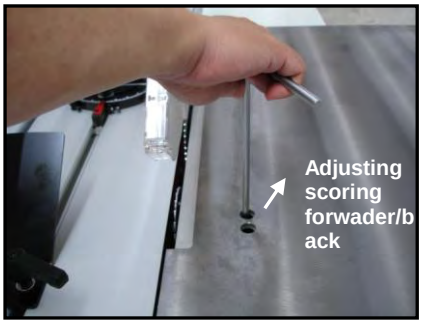


Fig. 36-1

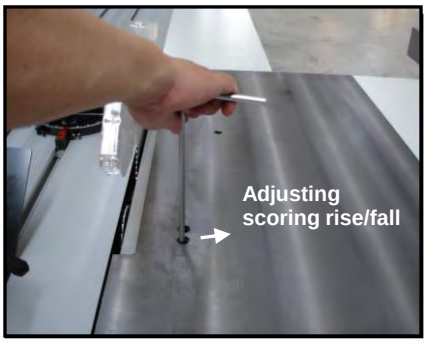


Fig. 36-2

(14) Fence Scale Alignment

Before operation, the 0" mark on the rip fence scale must be aligned with the right side of the blade to ensure that the rip fence measurements will be accurate.

1. Move the blade tilt to 0° (blade 90° to table), and raise the main blade all the way up.
2. Move the rip fence against the main blade (Fig. 37)
3. Loosen the cap screws securing the fence scale.
4. Slide the fence scale to line up the first mark on the scale with the left edge of the rip fence and tighten the cap scres.
5. Set the rip fence at 1/8", slide the adjustable ring against the rip fence body, and lock the ring in place. This will prevent the fence from hitting the blade.

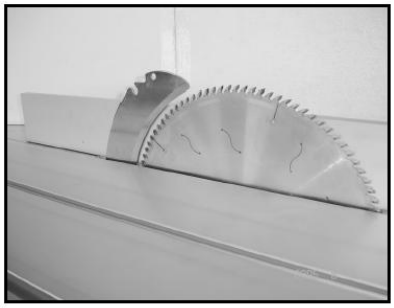


Fig. 37

(15) Dust Collection

There are dust ports are designed on this machine, please connect the dust collection system before operations.

Dust collection content

Blade guard/Dust hold x 1
Flat washer 8mm x 1
Button head screw M8-1.25 X 40 x 1
Dust collection system x 1
4" Dust hose x 1
4" Hose clamp x 2
2-1/2" Dust hose x 1
2-1/2" Hose clmap x 2

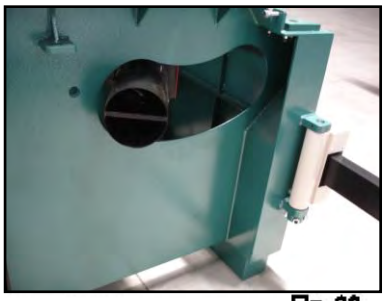


Fig. 38

Fig. 39

1. Secure a 4" dust hose to the dust port located under the saw table. (Fig. 38)
2. Run the 4" hose to your dust collection system. Slide the blade guard/dust hood over the riving knife and attach it with a M8-1.25 x 40 button head cap screw and a flat washer (Fig. 39)
3. Secure a 2-1/2" dust hose to the dust port on the top of the blade guard (Fig. 39)
4. Run the hose over and aconnect it to the dust collection system.
5. Run a ground wire along the dust hose and attach the wire to the machine to protect against static electricity.

(16) Power Cord

1. Open the terminal box (fig .41)
2. Feed the power cord through the strain relief on the bottom of the control panel and connect the cord to the terminals. If finish, close the terminal box.
3. Shut off the main power at the power source circuit breaker and install the cord to the disconnect switch.

Fig. 41

(17) Test Run

Before operation, it must be testing this machine to make sure all the controls are working properly.

WARNING

Before starting the saw, make sure you have performed the preceding assembly and adjustment instructions, and you have read through the rest of the manual and are familiar with the various functions and safety issues associated with this machine. Failure to follow this warning could result in serious personal injury or even death!

1. Connect the machine to the power source.
2. To check the machine light is turning on.
3. Press the main blade button, if the main blade is rotating in a counter-closewise, then press the scoring blade button, If the main blade is rotating in a clockwise direction, disconnect the saw from power and exchange wires in the terminal box.

Operation

You must follow these Instructions EVERY time you use your saw.

1. Stand to the left of the blade line-of-cut when performing a cutting operation.
2. Turn off the saw and allow the blade to come to a complete stop before removing the cut-off piece.
3. Make sure the riving knife is always aligned with the main blade before cutting.
4. Always position the blade guard to the correct height above the workplece.
5. Carefully plan each cutting operation to avoid injuries.
6. When you release the sliding table lock, make sure that the knob is positioned so that it will not lock the table during a cut.

(1) Changing Main Blade

The main blade size for this machine 12", it is as option. Any time you change the blade size, adjust the riving knife to 3mm away from the blade you install.

1. Disconnect the power source.
2. Move the blade tilt to 0˚ (blade 90˚ to blade) and raise the main blade as far as it will go.
3. Move the sliding table all the way forward to expose the internal blade guard that covers the blades and riving knife. (Fig. 42)
4. Pull the blade guard away from the blades to expose the mounting assembly.
5. To remove the main blade, use the arbor wrench to remove the arbor nut and arbor flange. (the arbor nut has left hand threads and loosens by turning closewise.)

Fig.42

6. Install the new blade, re-install the arbor flange and the arbor nut and tighten them against the blade. (fig.43)

> **WARNING**
> Wear gloves to protect your hands when installing or removing blades.

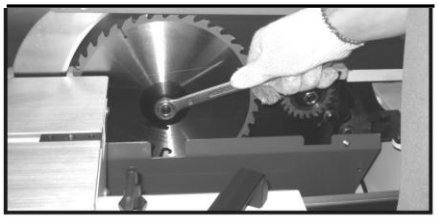


Fig.43

7. Move the orange blade guard back into its original position, next to the blades and center the sliding table.

(2) Riving Knife Adjustment

Whenever the blade is changed, then riving knife must be adjusted to 3mm away from the blade you install.

1. **Disconnect the saw from power source**
2. **Move the blade tilt to 0° (blade 90° to table) and raise the main blade as far as it will go.**
3. **Move the sliding table all the way forward to expose the internal blade guard that covers the blades and riving knife.**
4. **Pull the blade guard away from the riving knife to expose the mounting assembly.**
5. **Loose the riving knife center bolt, slide the riving knife away from the blade and slightly tighten. (Fig. 44)**
6. **Position the riving knife about 3mm or 1/8" away from the nearest carbide tooth on the main blade. (Fig. 45)**
7. **Tighten the center bolt to secure the riving knife in position.**
8. **Move the blade guard back to its original position, and move the slilding table to center.**

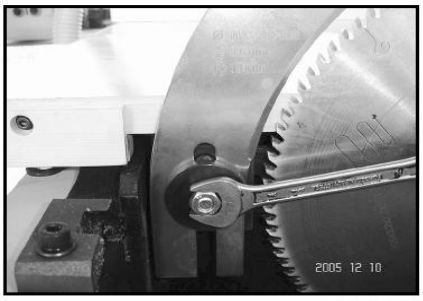


Fig. 44

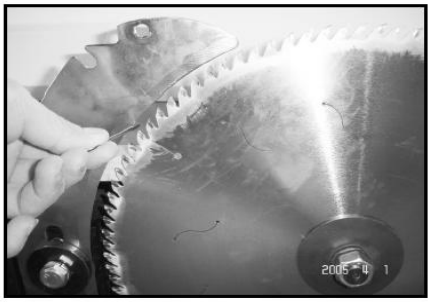


Fig. 45

(3) Changing Scoring Blade

1. **Discount the saw from the power source.**
2. **Move the blade tilt to 0° (blade 90°to table), and raise the scoring blade all the way up.**
3. **Move the sliding table all the way forward to expose the internal blade guard that covers the blade and riving knife.**
4. **To fix the scoring by offered U Tool and using the arbor wrench to remove the nut. (The arbor nut has right hand threads and loosens by turning counterclockwise.**

Fig.45-1

5. **Measure the main blade, and use the shims to stack the scoring blade set so the thickness matches the thickness of the main blade.**
6. **Install the blade set, re-install the arbor flange and the arbor nut, and tighten them against the blade set.**
7. **Move the orange blade guard back into its original position, next to the blades, and center the sliding table.**
8. **Align the scoring blade set to the main blade.**

*** Use our offered tools for changing**

(4) Rip Cutting.

The panel saw has the capability of rip cutting full size panel panels, the sliding table removes the burden of sliding a large and heavy panel over a stationary table surface. (Fig. 46)

Fig. 46

The saw also with the capability of rip cutting smaller boards which is using the machine as a traditional table saw.

Smaller, lighter boards are easier to slide across the stationary cast iron table surface to the right of the saw blade.

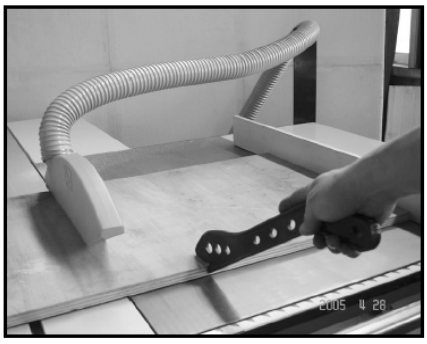


Fig. 47

Rip Cutting With The Sliding Table:

1. Install the crosscut fence in the center stud hole. (Fig. 48)
   Note: Drop the crosscut fence into the center stud hole and rotate it to the 90° stop.
   Check to make sure the fence is at 90° and adjust it. (Fig. 48)

2. Slide the protection block against the blade teeth to calibrate the scale, then tighten the lock knob, and make sure the scale will not be accurate if the protection block is cut.

3. Set a flip stop to the desired width-of-cut.

4. Position the blade guard to the correct height for your workpiece.

5. Load the workpiece onto the table saw.

6. Take all the necessary safety precautions, then perform the cutting operation.

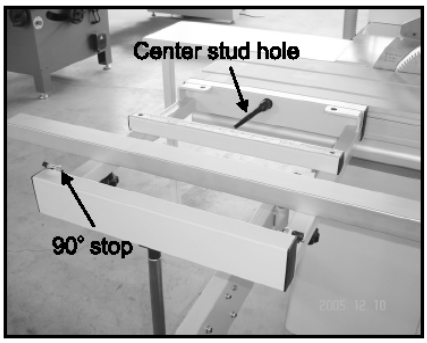


Fig. 48

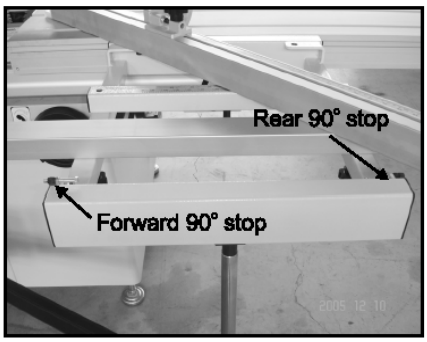


Fig. 48-1

Trading Table Saw Cutting

1. Slide the crosscut table out of the way.
2. Lock the sliding table into a stationary position. (Fig. 49)

Fig. 49

3. Place the fence in the vertical position (Fig. 50) for larger workpiece, or in the horizontal position (Fig. 51) for angled cuts and for small workpiece.

Fig. 50

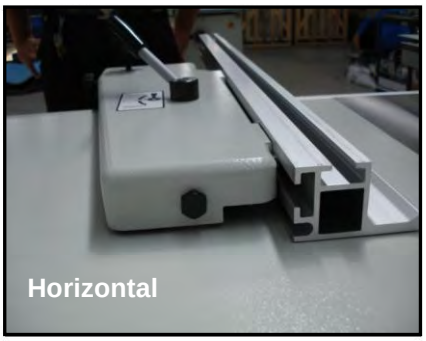


Fig. 51

4. Slide the leading end of the rip fence so it is even with the center of the main saw blade (Fig. 52) Note : This technique allows the finished cut-off piece to "fall" away from the blade when the cutting operation is complete, reducing the possibility of kickback.

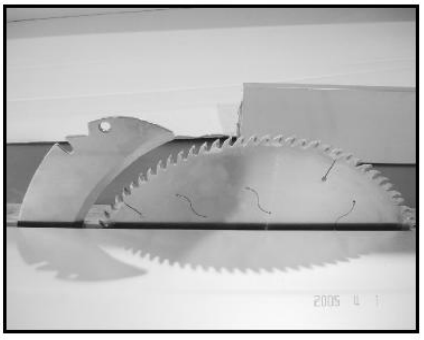


Fig. 52

5. LIfe the lock lever and position the rip fence to approximately the desired width-of-cut.

6. Tighten down the micro-adjust lock knob (Fig. 53) and turn the micro-adjust lock to zero in on the desired width-of-cut.

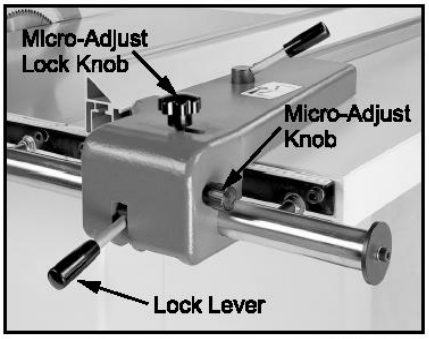


Fig. 53

7. Push down the lock lever, then perform the cutting operation.

(5) Crosscutting

This saw can crosscut full size panels with the fence in the forward or rear position, although it is easier to load full size panels with the crosscut fence mounted in the forward position. (Fig. 54)

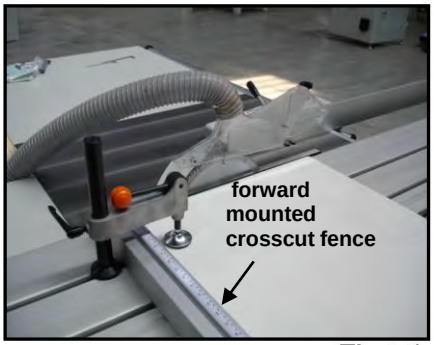


Fig. 54

Mounting the crosscut fence in the rear position gives greater stability for crosscutting smaller panels. (Fig. 55)

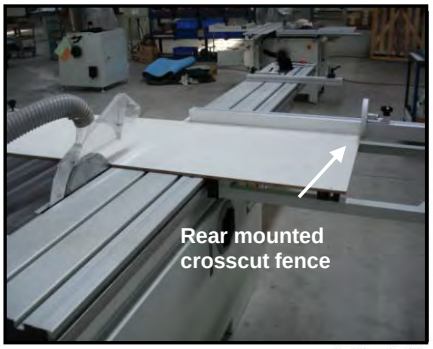


Fig. 55

Lastly, this machine has capability of crosscutting workpiece while using the rip fence as a cut-off gauge. (Fig. 56)


Fig. 56

Crosscutting full size panels

1. Install the crosscut fence to the forward 90° stop (Fig. 57) and lock it in place.
   Note : Drop the crosscut fence in the center stud hole and rotate it to the 90° stop. Check to make sure the fence is at 90° and adjust it. (Fig. 57)

2. Set either flip stop to the desired width-of-cut, if the workpiece is more than 120m/m, you must extend the crosscut fence slide.
3. Load the workpiece onto the table saw.
4. Once all the necessary safety precautions have been taken, perform the cutting operation.

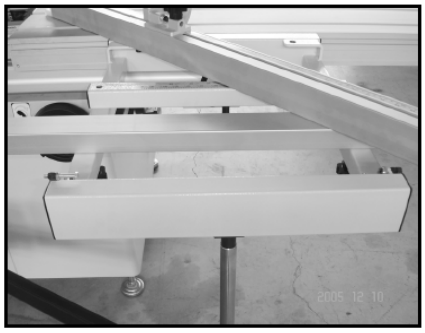


Fig. 57

Crosscutting small panels

1. Install the crosscut fence to the rear 90° stop and lock it in place. Note: Drop the crosscut fence in the center stud hole and rotate it to the 90° stop.
2. Check to make sure the fence is at 90° and adjust it.
3. Set either flip stop to the desired width-of-cut, if the workpiece is more than 120m/m, you must extend the crosscut fence slide.
4. Load the workpiece onto the table saw.
5. Once all the necessary safety precautions have been taken, perform the cutting operation.

Crosscutting using rip fence as a cut-off gauge:

1. Install the crosscut fence in the rear mounting points (Fig.58) and lock it in place.
2. Position the rip fence for the desired width.
3. Load the workpiece onto the table saw.
4. Slide the leading end of the rip fence behind the back edge of the blade. (Fig. 58)
5. Take all the necessary safety precautions, then perform the cutting operation.

Fig. 58

(6) Miter Cutting.

The miter fence allows miter cuts from 0˚ through 135˚. The table mounted miter scale has a resolution of 1˚.

1. Slide the crosscut table to the front edge of the sliding table and lock it in place.
2. Place the crosscut fence center stud in the center stud hole of the crosscut table. The fence can be installed for 90˚ to 135˚ cuts (Fig. 59) , or 0˚ to 90˚ cut.
3. Rotate the fence to the desired angle and use lock knob to lock the fence in place.
4. Position the flip stop according to the length of the workpiece you want to cut off to the left of the blade.
5. Load the workpiece onto the table saw.
6. Once all the necessary safety precautions have been taken, perform the cutting operation.

Fig. 59

Fig. 60

(7) Lubrication

Lubrication the areas indicated below every 6-12 months, depending on frequency of use.

1. Blade angling trunnion.
2. Sliding table ways.
3. Scoring blade worm gear
4. Blade height linkage.
5. Blade height bearing
6. Blade tilt worm gear
7. Blade height slide

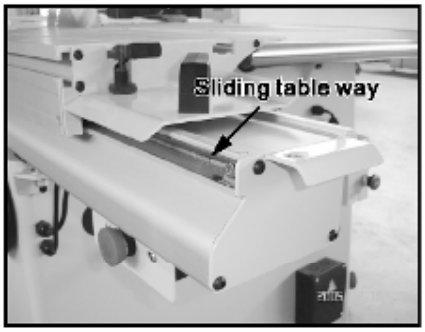


Fig. 62

Fig. 61

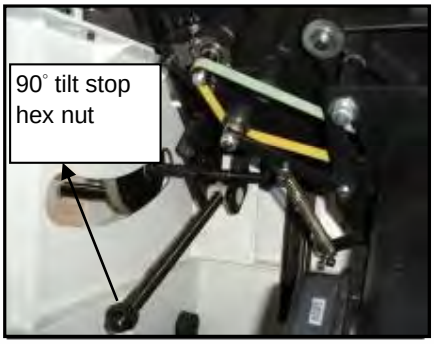


Fig. 63

(8) Replace Belts

To change V-belt for the main motor

1. Disconnect the saw from the power source.
2. Move the blade tilt to 45˚ (blade 45˚ to table) and raise the main blade and scoring blade set up.
3. Open the motor cabinet door.
4. Loosen the three M12 bolt (Fig.64)
5. Slowly upper the motor and then tighten the bolt. Pull off the old V-belt and replace them with new ones.
6. Ensure the motor pulley and arbor pulley are lined up.
7. Loosen the M12 bolt, and pivot the motor down.
8. Tighten the M12 bolt after adjusting suitable tension.
9. Close and secure the motor cabinet door.

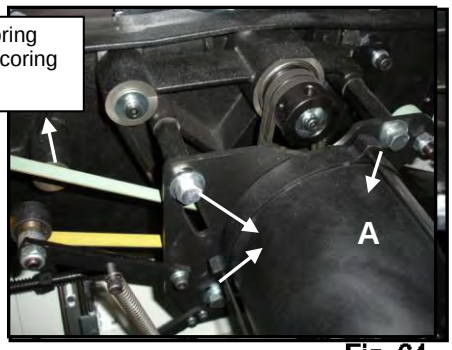


Fig. 64

To change flat belt for the scoring motor (Option)

1. Disconnect the saw from the power source.
2. Move the blade tilt to 0˚ (blade 90˚ to table) and raise the main blade and scoring blade set up.
3. Open the motor cabinet door.
4. Push the scoring blade motor and remove the flat belt.
5. Place the flat belt on the scoring blade arbor, lift the scoring motor and slide the flat over the scoring motor pulley. (Fig.65)
6. Close and secure the motor cabinet door.

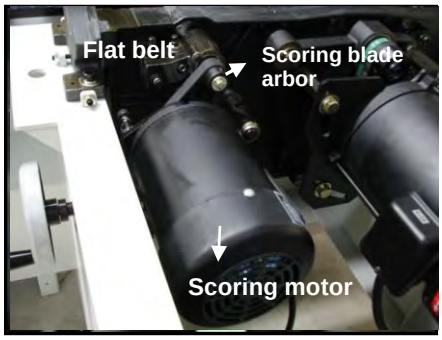


Fig. 64-1

(9) Blade Tilt

1. Disconnect the saw from the power source.
2. Move the blade tilt to 90˚ according to the gauge, and raise the main blade.
3. Place a machinist's square between the teeth on the blade and on the table surface and inspect for gaps between the blade and the square.
4. If a gap exists at either the top or bottom of the square, loosen the 90 tilt stop hex nut. (Fig.66)
5. Turn the handwheel until the blade and square are flush from top to bottom.
6. Snug the adjustment hex nut against the underside of the table and tighten the lock nut, set screw.
7. Recheck the blade with the square to ensure the screw has not been over-tightened.
8. Adjust the blade angle until you hit the 45˚ positive stop hex nut.
   Check the bevel with an adjustable square set to 45˚ hex nut.
9. If variations exist, adjust the 45˚ tilt stop hex nut until the blade and square match. (Fig. 66)
10. Tighten the lock nut set screw and recheck the bevel by adjusting the blade back to 90˚ then back to 45˚.

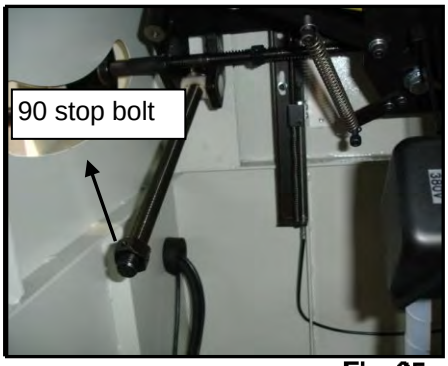


Fig. 65

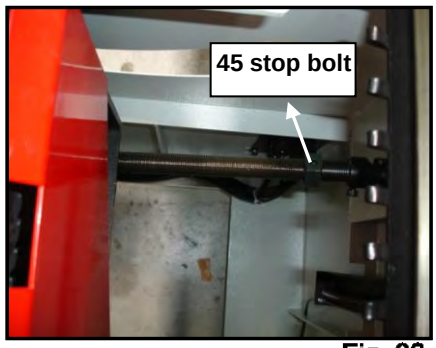


Fig. 66

(10) Sliding Table Parallel Adjustment

The table is calibrated at the factory and please adjust if it changes during the transportation.

To adjust the sliding table parallel with the main blade:

1. Disconnect the saw from the power source.
2. Move the blade tilt to 0° (blade 90° to table) and raise the main blade and scoring blade set up.
3. Mark the center of the blade with a felt tip pen, this will allow you to take your measurements from the exact same place on the blade.
4. Move the sliding table all the way to one end, and using a precision ruler, measure the gap between the edge of the table and you mark on the blade. (Fig. 67)
5. Move the other end of the sliding table in front of the blade and measure the gap.
6. Loosen the table mounting bolts.
7. Move the end of the sliding table that needs to be adjusted in front of the blade.
8. Using the ruler, watch the gap measurement and have your assistant slowly make the adjustment to the parallelism adjustment bolts (Fig.68) until the gap size is equal to the other side.
9. Repeat steps 7-8 until the gap between your mark on the blade and the edge of the sliding table is even at both ends.
10. Tighten the jam nuts on the parallel adjustment bolts to secure them in place.
11. Tighten the table mounting bolts and replace the access plates.

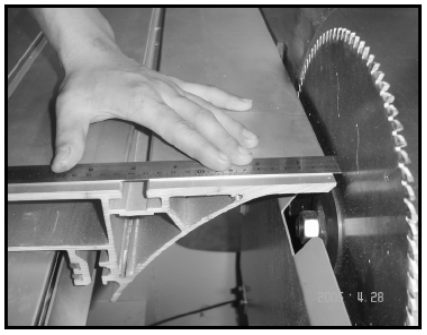


Fig. 67

Fig. 68

(11) Squaring Crosscut Fence to Blade

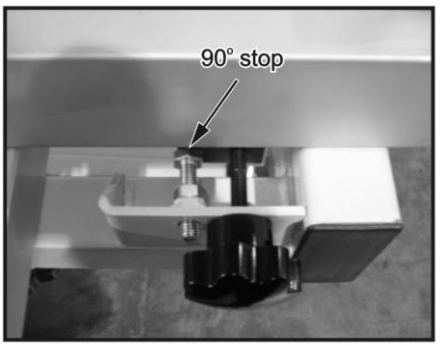


Fig. 70

1. Make sure the blade is parallel with the sliding table.
2. Prepare the scrap test piece by cutting it to 32" x 32" and number all four sides of the test piece.
3. Using the crosscut fence, cut 1/2" off of each side of the test piece.
4. Measure the test piece diagonally from corner to corner, at all four corners are same size.

   Note : if both measurements are not within 1/16" then the crosscut fence needs to be adjusted.

5. Loosen the hex nut and adjustment screw to square the crosscut fence.
6. Tighten the hex nut and repeat 3-6.

(12) Troubleshooting

WARNING
Disconnect power to the machine when performing any troubleshooting. Failure to do this may result in serious personal injury or death.

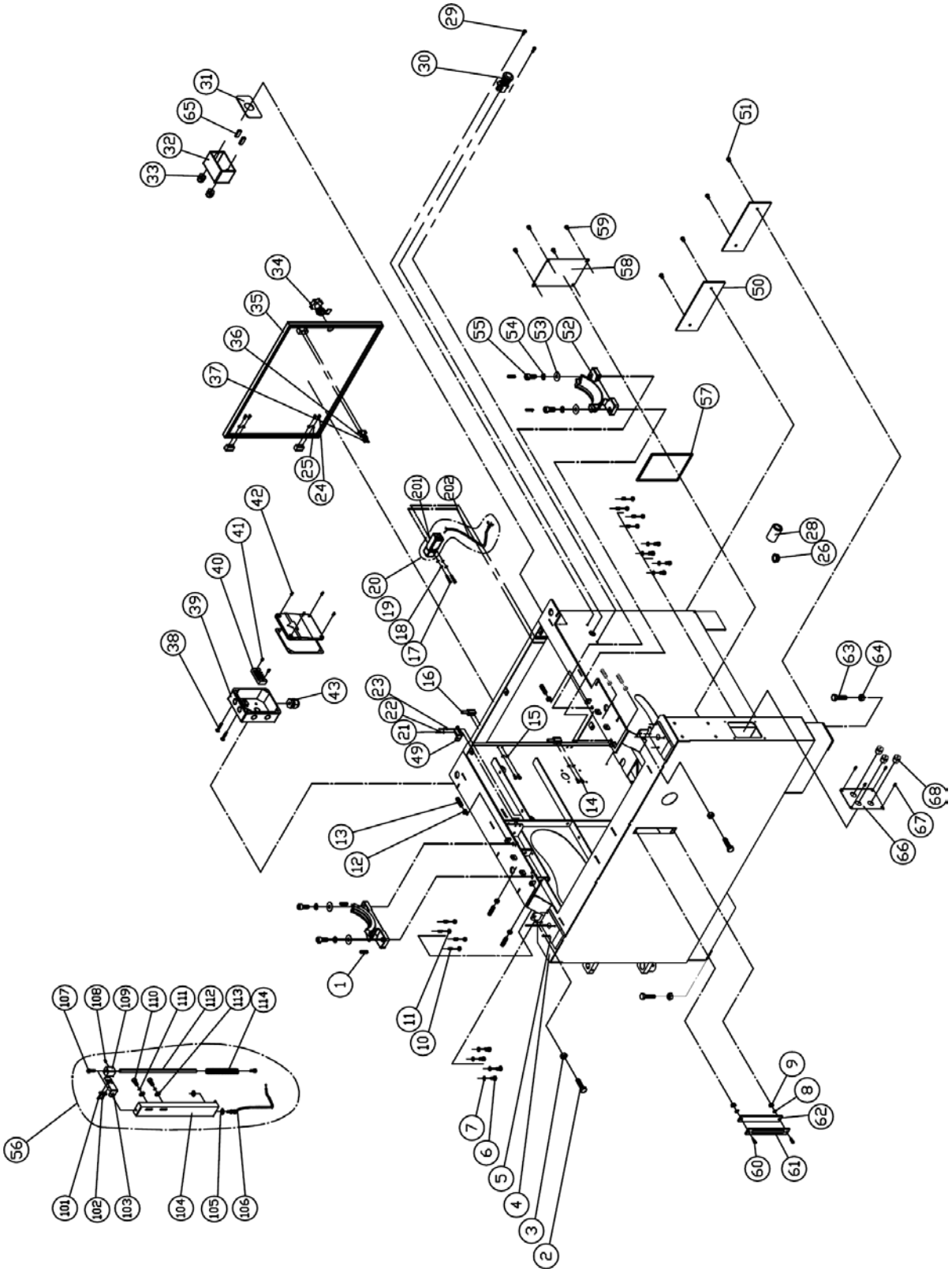
Saw will not start

1. Check the switch is being depressed fully.
2. Check the electrical power cord is plugged into the power outlet.
3. Check the electrical supply is on (reset)
4. With the power disconnected from the machine, check that the wiring in the plug is correct. Check that the rubber insulation is stripped enough and is not causing a bad connection. Check that all screws are tight.
5. With the machine power disconnected from the machine, check that the wiring to the machine is correct. Check that the rubber insulation is tripped enough and is not causing a bad connection. Check that all screws are tight.
6. Check that you have correct power.
7. Check that the ground wire is wired correctly.

Motor will not start

1. Emergency stop button is depressed.
2. Start capacitor is at fault.
3. Motor is at fault.
4. With the power disconnected from the machine, try to turn the blade by hand. If the blade will not turn, check the reason for the jamming, typical reason is wood jamming the blade.

If any trouble you cannot solve it from above solutions, please call your senior engineer or contact the agent which you ordered this machine.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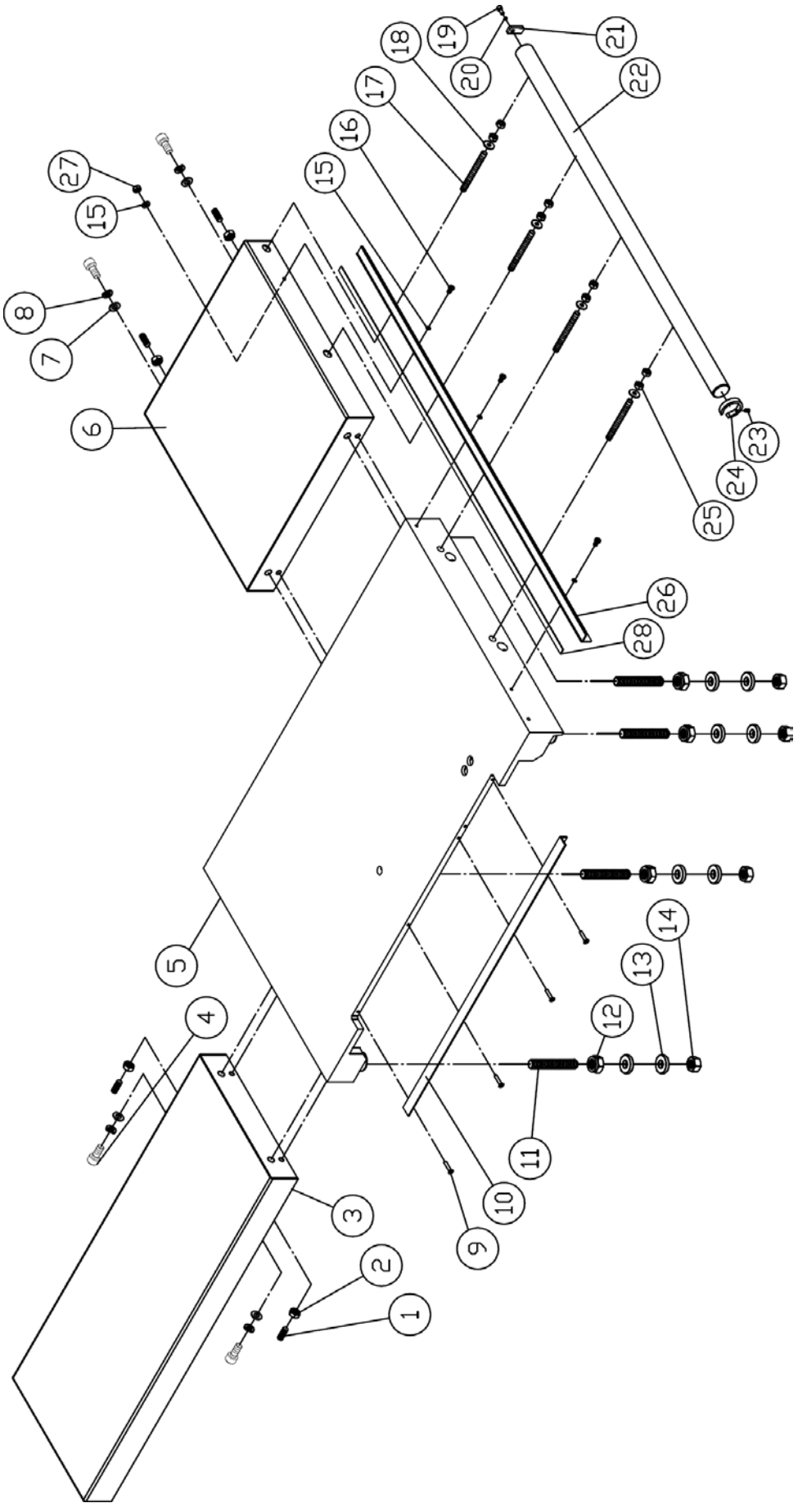
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	PS062500	Spring Pin	ϕ 6*25	4	
2	SH100800	Hex Head Bolt	M10*40	2	
3	NH101700	Hex Nut	M10	2	
4	206345	Machine frame		1	R
5	207251-37	Plate	160 Sliding table	2	R
	207251-37A	Plate	220 Sliding table	2	OPT.
6	SR069300	Cap Screw	M6*12	8	
7	WS060000	Lock Washer	M6	8	
8	WF040808	Washer	M4* ϕ 8	2	
9	NF040700	Hex Nut	M4	2	
10	SS060400	Set Screw	M6*20	8	
11	NH061000	Hex Nut	M6	8	
12	NH081300	Hex Nut	M8	6	
13	SS080500	Setscrew	M8x25	6	
14	SR050100	Cap Screw	M5*5	4	
15	WS050000	Lock Washer	M5	4	
16	203412	Block		2	
17	SP040600	Pan Head Screw	M4*30	2	
18	WS040000	Lock Washer	M4	2	
19	WF040808	Washer	M4* ϕ 8	2	
20	AB136458	Door Safety Switch ASM		1	
201	136457	Door Safety Switch	AZD-S11	1	
202	IC201413	STOP CORD		1	
21	SR069300	Cap Screw	M6*12	2	
22	WS060000	Lock Washer	M6	2	
23	WF061310	Washer	M6x13	2	
24	SR059200	Cap Screw	M5*8	4	
25	WS050000	Lock Washer	M5	4	
26	201458	Hole Plugs	HP-22	1	
28	201173	Sponge		1	
29	ST050400	Tap Screw	M5*20	2	
30	994808	Emergency Stop Button	R2PNR4-1B-R	1	
	994861	Emergency Stop Button	M22-PVT/K01	1	OPT.
31	150956	Pad		1	
32	605408	Switch Box		1	
33	998621	Strain Relief		2	
34	203430	Lock		1	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
35	205259	Door		1	R
36	WS040000	Lock Washer	M4	2	
37	SP040500	Pan Head Screw	M4*25	2	
38	SJ060400	Button Head Screw	M6*20	2	
39	201105	Power Box	CE Terminal	1	CE/ OPT.
	201105A	Power Box	NO Terminal	1	CSA/ OPT.
40	994805	Terminal	PB2504 4P	0	CE/ OPT.
	994805	Terminal	PB2504 4P	1	CSA/ OPT.
41	SP059200	Pan Head Screw	M5*8	2	
42	SJ059300	Button Head Screw	M5*12	4	
43	709421	Strain Relief	PG20	2	
49	206342	Plate		1	
50	206345-32	Plate		2	R
51	SF060200	Pan Head Screw(+)/W	M6*10	4	
52	207540	Base		2	X2
53	WF102030	Washer	M10* ϕ 20	4	
54	WS100000	Lock Washer	M10	4	
55	SR100700	Cap Screw	M10*35	4	
56	AB207399	Steel Wire ASM		1	
101	WF051210	Washer	M5x12	2	
102	SP050200	Pan Head Screw	M5x10	2	
103	200840	Pointer		1	
104	200841	Fix Plate		1	
105	WF061310	Washer	M6x13	2	
106	207399	Steel Wire		1	
107	SR050200	Cap Screw	M5x10	2	
108	SS050200	Setscrew	M5x10	1	
109	200843	Indicator Block		1	
110	SR069300	Cap Screw	M6x12	2	
111	WS060000	Lock Washer	M6	2	
112	200842	Shaft		1	
113	WF061310	Washer	M6x13	2	
114	200993	Spring		1	
57	150527	Pad	2x300x7.5(M/M)	2	
58	207128	Plate		1	R
59	SJ069300	Button Head Screw	M6*12	4	
60	SP040400	Pan Head Screw/W	M4x20	2	
61	201785	Plate		1	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
62	LM001076	Tilt Scale		1	
63	SH161000	Hex Head Bolt	M16*50	4	
64	NH162400	Hex Nut	M16	4	
65	136019	Cord Connetor	224-201	2	
66	206358	Plate		1	single motor
67	SJ069300	Button Head Screw	M6*12	4	single motor
68	709421	Strain Relief	PG20	3	single motor
75	201785	Plate		1	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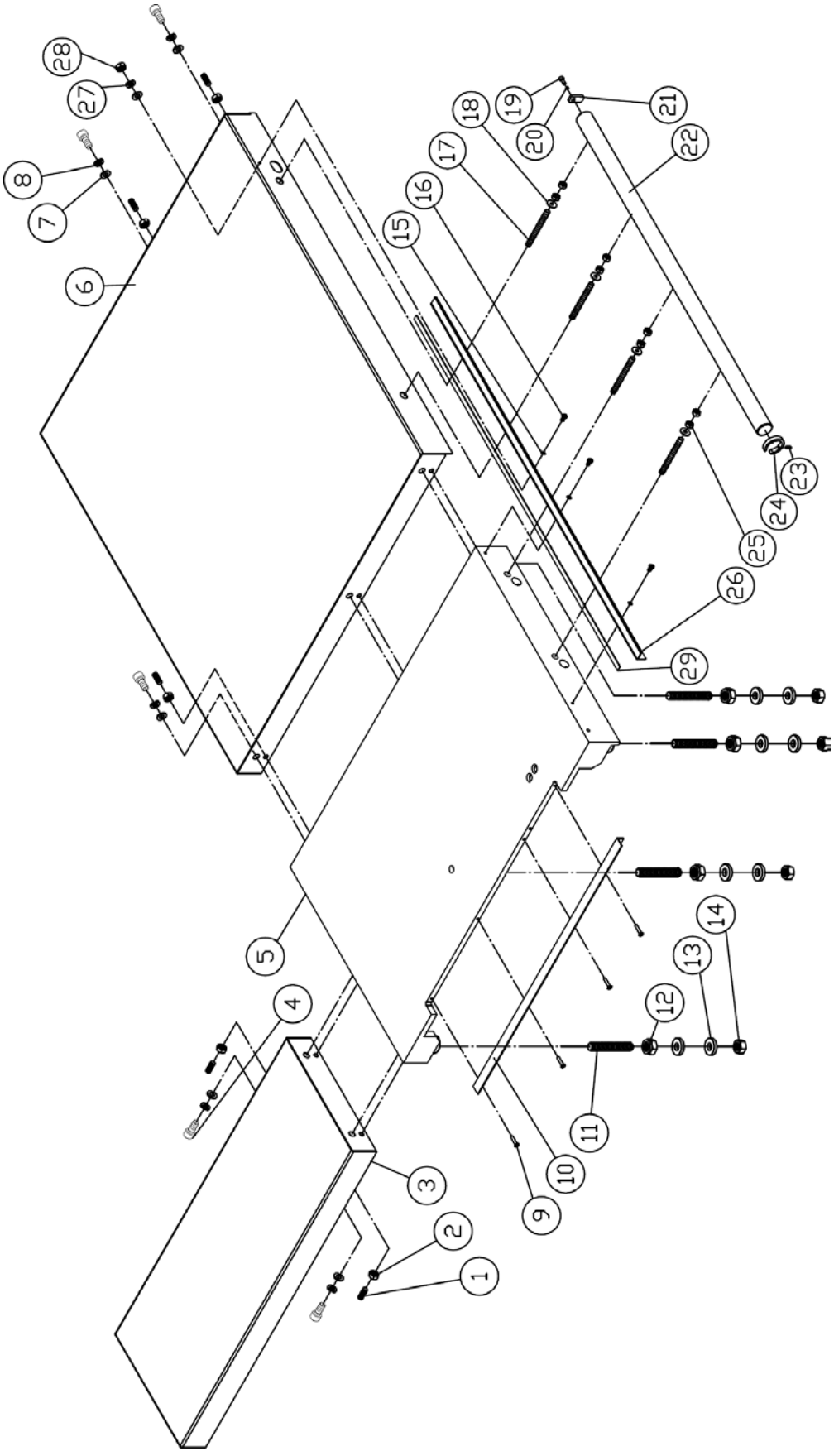
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	SS100400	Set Screw	M10*20	4	H
2	NH101700	Hex Nut	M10	4	H
3	207077	Left Ext. Plate	S	1	R
	207151	Left Ext. Plate	OPT.	1	OPT.
4	SR100500	Cap Screw	M10*25	4	H
5	206332	Table		1	R
6	207352	Ext. Plate	SMALL	1	R
7	WF102030	Washer	M10* ϕ 20	4	H
8	WS100000	Lock Washer	M10	4	H
9	SJ069300	Button Head Screw	M6*12	4	
10	206354	Table Insert		1	
11	SS162000	Set Screw	M16*100	4	
12	NL162400	Lock Nut	M16	4	
13	205016	Washer		8	
14	NH162400	Hex Nut	M16	4	
15	WF061620	Washer	M6* φ 16	4	H
16	SJ069300	Button Head Screw	M6*12	3	H
17	200881	Screw	M12x1.75px115L	4	
18	WF132225	Washer	M13x22	4	
19	SR089300	Cap Screw	M8x16	1	
20	WS080000	Lock Washer	M8	1	
21	206437	End Washer		1	
22	206372	Round Rail		1	
23	SS060200	Setscrew	M6x10	1	
24	200957	Ring Stop		1	
25	NH121900	Hex Nut	M12	8	
26	206458	Measuring Rule Rail		1	X7
27	NH061000	Hex Nut	M6	1	H
28	LM206305	Ruler			Metric
	LM206307	Ruler		1	M/B (OPT.)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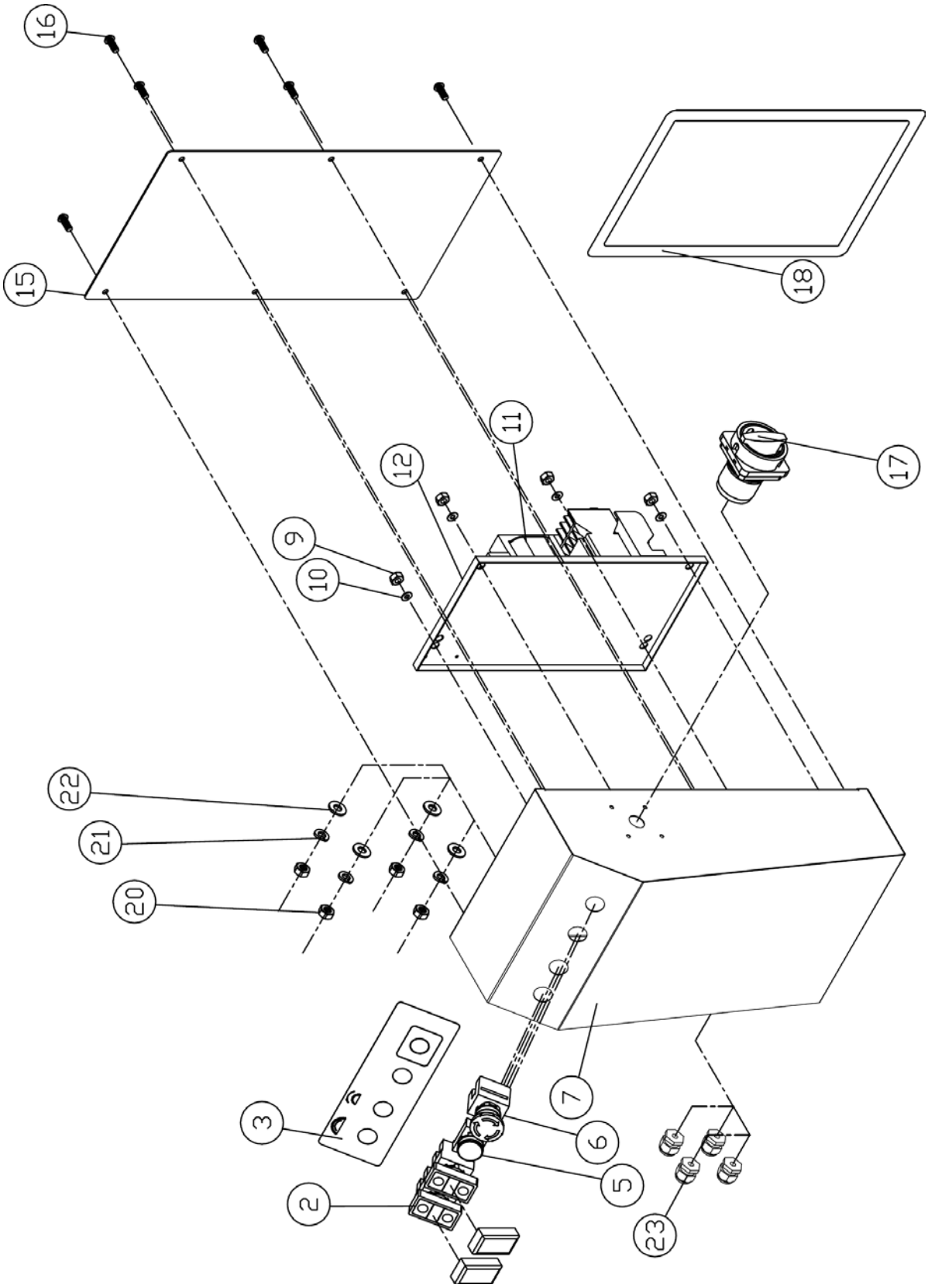
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	SS100400	Set Screw	M10*20	5	H
2	NH101700	Hex Nut	M10	5	H
3	207077	Left Ext. Plate	S	1	R
	207151	Left Ext. Plate	OPT	1	OPT.
4	SR100500	Cap Screw	M10*25	5	H
5	206332	Table		1	R
6	207078	Ext. Plate	BIG	1	R
7	WF102030	Washer	M10* ϕ 20	5	H
8	WS100000	Lock Washer	M10	5	H
9	SJ069300	Button Head Screw	M6*12	4	
10	206354	Table Insert		1	
11	SS162000	Set Screw	M16*100	4	
12	NL162400	Lock Nut	M16	4	
13	205016	Washer		8	
14	NH162400	Hex Nut	M16	4	
15	WF061620	Washer	M6*16	4	H
16	SJ069300	Button Head Screw	M6*16	3	H
17	200881	Screw	M12×1.75p×115L	4	
18	WF132225	Washer	M13×22	4	
19	SR089300	Cap Screw	M8×16	1	
20	WS080000	Lock Washer	M8	1	
21	206437	End Washer		1	
22	201004	Round Rail		1	
23	SS060200	Setscrew	M6×10	1	
24	200957	Ring Stop		1	
25	NH121900	Hex Nut	M12	8	
26	207984	Measuring Rule Rail		1	
27	WS060000	Lock Washer	M6	1	H
28	NH061000	Hex Nut	M6	1	H
29	LM206306	Ruler		1	Metric
	LM001042	Ruler		1	M/B (OPT.)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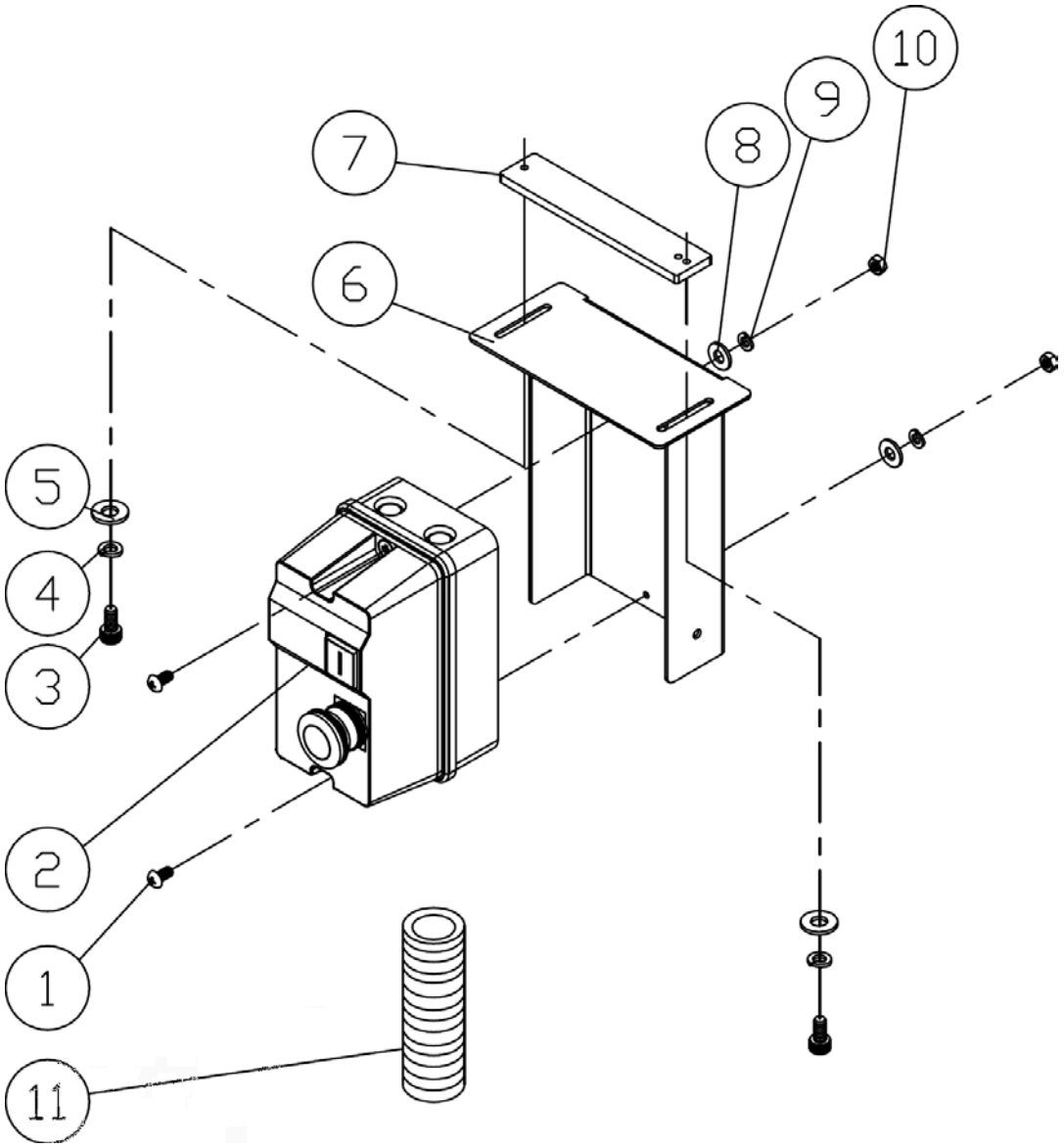
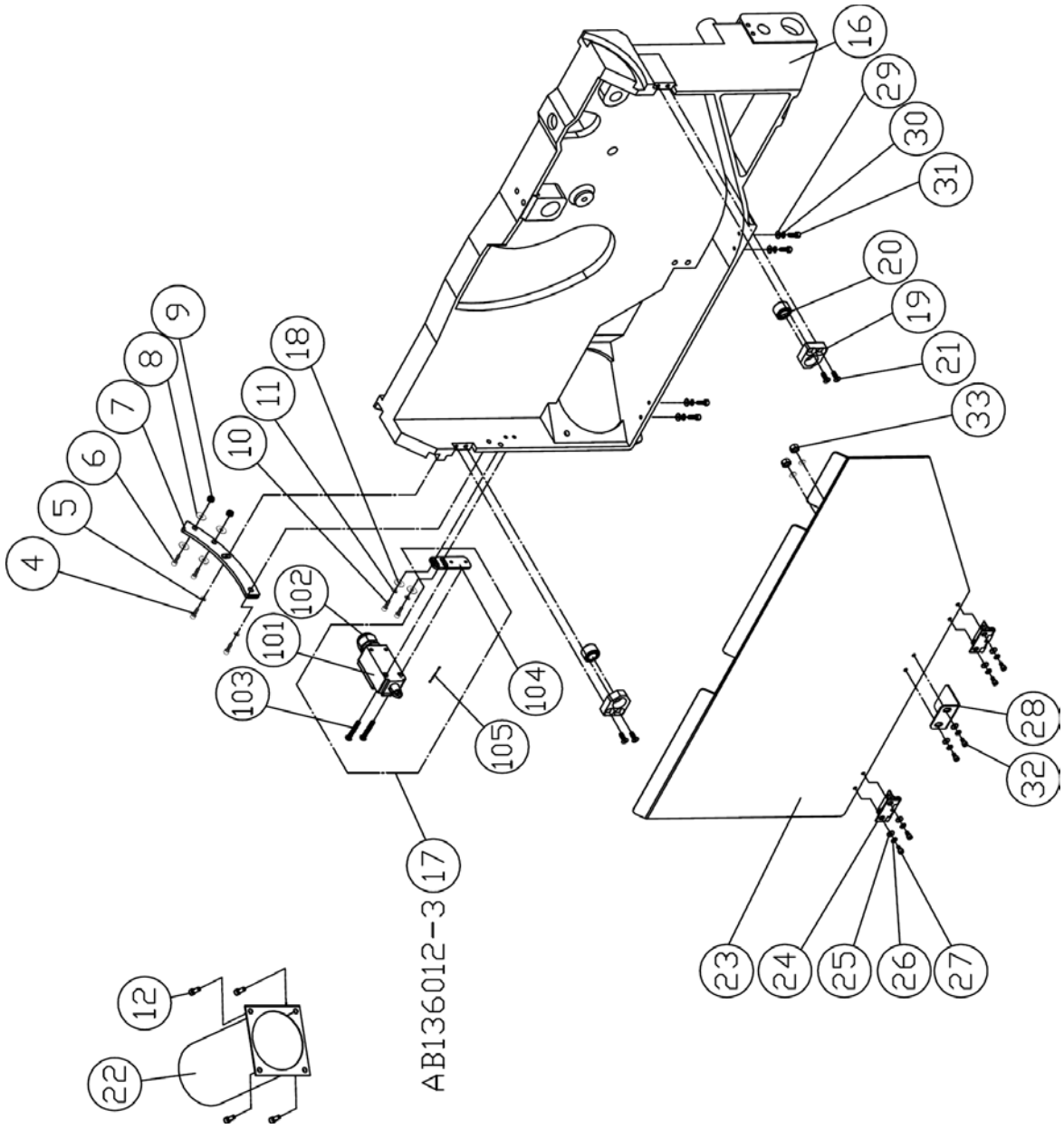
P30
(optional-two motor)

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
2	994810	Button Switch	HY57(1A1B)	2	
3	207265	Label		1	
5	996002	Pilot Lamp	YK.24V φ22(W)	1	
6	994808	Emergency Stop Button		1	
7	206376	Plate		1	R
9	NF061000	Hex Nut	M6	4	
10	WF061310	Washer	M6x φ13	4	
11	200867	Electric.Panel	400V 3~ Elec. Btake	1	
12	200867A-1	Plate		1	
15	206377	Plate		1	R
16	SJ060200	Button Head Screw	M6*10	6	
17	994809	Power Switch	ZH-HD-2	1	
	994862	Power Switch		1	OPT. (D30P2)
18	150527	Pad	2x300x7.5(M/M)	5	
20	NH081300	Hex Nut	M8	4	
21	WS080000	Lock Washer	M8	4	
22	WF081818	Washer	M8x18	4	
23	709421	Strain Relief	PG20	4	

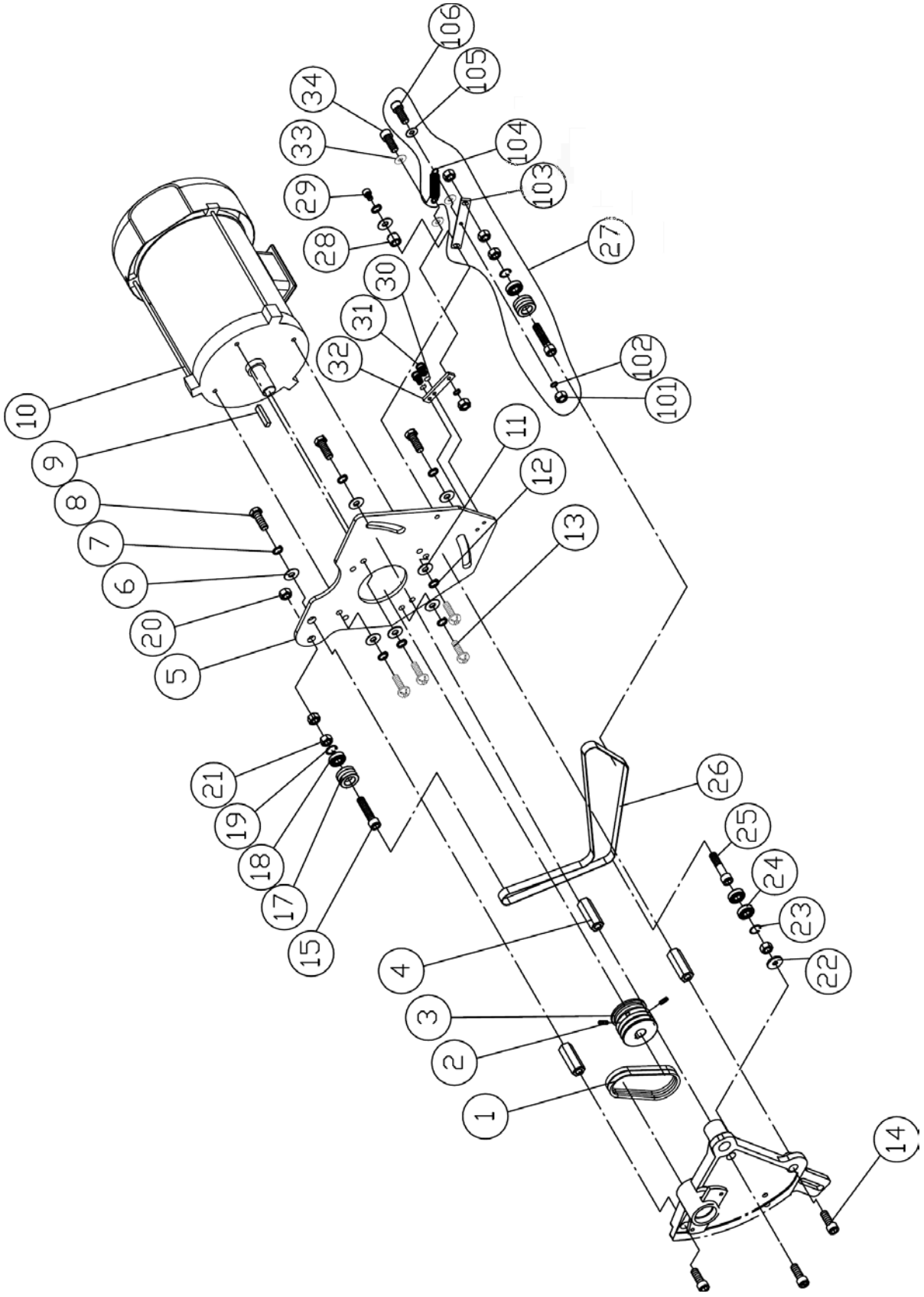


ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	SP049400	Pan Head Screw	M4*16	2	
2	ID35091G	Switch cell		1	
3	SR059400	Cap Screw	M5*16	2	
4	WS050000	Lock Washer	M5	2	
5	WF051210	Washer	M5*12	2	
6	204205	Switch Seat		1	R
	207373	Switch Seat	Elec. Brake	1	OPT.
7	204210	Locate Plate		1	
8	WF040808	Washer	M4*8	2	
9	WS040000	Lock Washer	M4	2	
10	NH040700	Hex Nut	M4	2	
11	204196	Plastic Corrugated Tubing	NF1-08B	0.25	



ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
4	SR069300	Cap Screw	M6*12	2	
5	WS060000	Lock Washer	M6	2	
6	SR059400	Cap Screw	M5*16	2	
7	206337	Fix Plate		1	
8	WF051010	Washer	M5*10	4	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
9	NL050800	Lock Nut	M5	2	
10	SR059300	Cap Screw	M5*12	2	
11	WS050000	Lock Washer	M5	2	
12	SF089300	Hex Head Bolt(+)/W	M8x12	4	
16	206301	Channel Base		1	YF206301
17	AB136012-3	Door Safety Switch Assembly		1	A
101	136012	Door Safety Switch		1	
102	709411	Strain Relief	PG11	1	
103	SP040700	Pan Head Plate	M4*35	2	
104	206341	Fix Plate		1	
105	IC200807	STOP CORD		1	OPT.
	IC206301	STOP CORD		1	OPT.
18	WF051010	Washer	M5*10	2	
19	206359	Plate		2	
20	203249	Magnetic Iron(assembly)		2SETS	A
	203249-1	Magnetic Iron		1	
	203249-3	Screw		1	
21	SM060400	Sunkhead Socket Screw	M6x20	4	
22	206118	Dust Port		1	
23	206324	Cover		1	F1L
24	207940	Hinge		2	
25	WF051010	Washer	M5*10	8	
26	WS050000	Lock Washer	M5	6	
27	SR059200	Cap Screw	M5*8	4	
28	207152	Plate		1	
29	WF051010	Washer	M5*10	4	
30	WS050000	Lock Washer	M5	4	
31	SR050200	Cap Screw	M5*10	4	
32	SR059400	Cap Screw	M5*16	2	
33	NH050800	Hex Nut	M5	2	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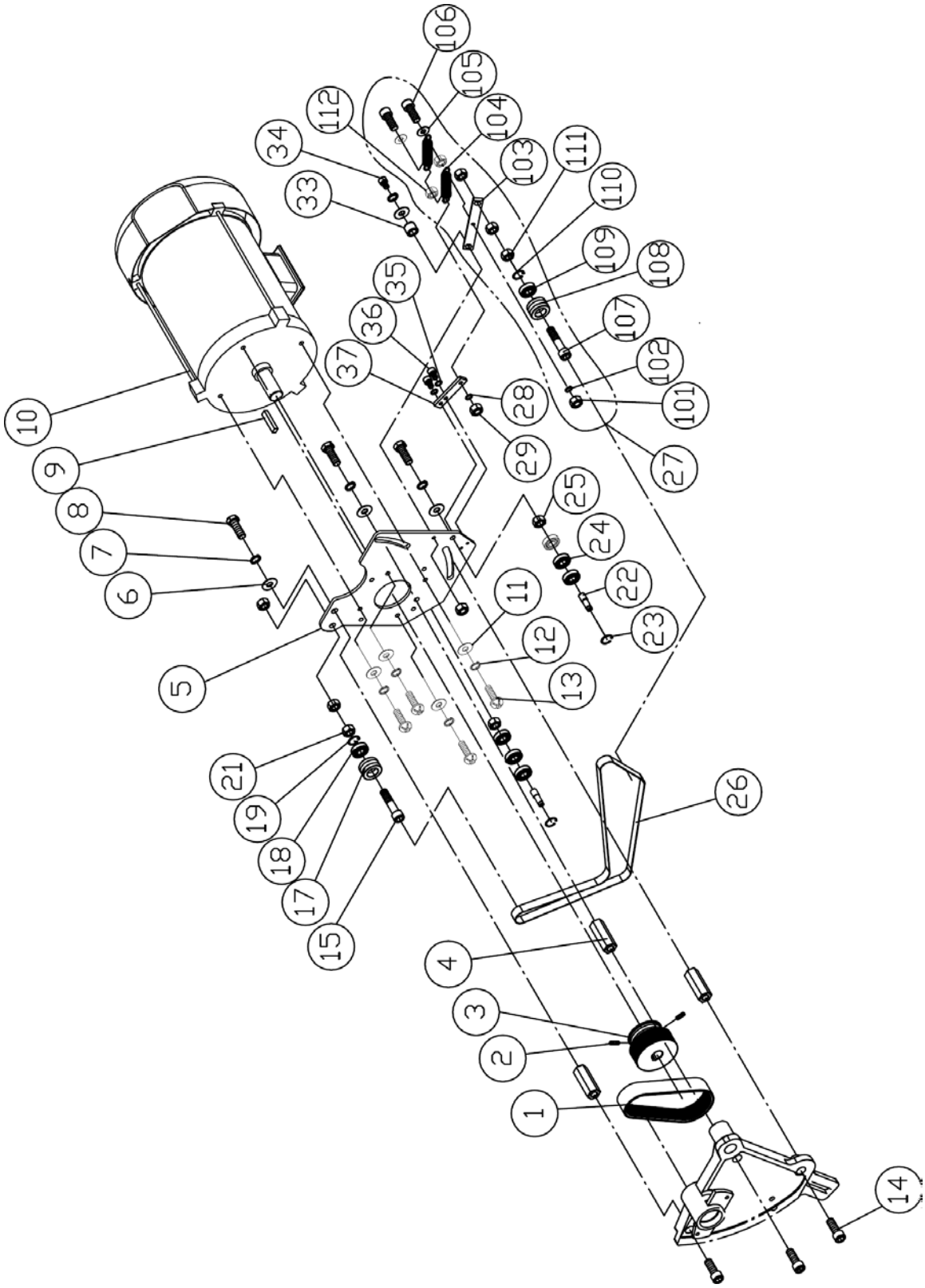
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	LM160000	Belt		2	
2	SS080200	Setscrew	M8x10	3	
3	204285	Pulley		1	X2
4	201333	Shaft		3	
5	206393	Main Motor Plate		1	
6	WF132225	Washer	M13xϕ22	3	
7	WS120000	Lock Washer	M12	3	
8	SH120600	Hex Head Bolt	M12x30	3	
9	KD080740	Key	8x7x40	1	
10	MH204006	Main Motor	5HP(220V/440V)	1	M20H
11	WF081818	Washer	M8xϕ18	4	
12	WS080000	Lock Washer	M8	4	
13	SJ080400	Hex Head Bolt	M8x20	4	
14	SR120600	Cap Screw	M12x30	3	
15	SR121000	Cap Screw	M12x50	2	
17	201322	Idler		2	
18	BB600102	Bearing	6001ZZ	2	
19	RR280010	Check ring	ϕ28	2	
20	NL121900	Lock Nut	M12	3	
21	NH121904	Hex Nut	M12xP1.75X6t	4	
22	WF122130	Washer	M12xϕ21	1	
23	RS100000		ϕ10	1	
24	BB600002	Bearing	6000ZZ	2	
25	201835			1	
26	LF420010	Belt	15x1085	1	
27	AB206306	Rotate Plate ASM		1	
101	NH081300	Hex Nut	M8	2	
102	WS080000	Lock Washer	M8	3	
103	206306	Rotate Plate		1	
104	201275	Expansion Spring		1	
105	WF081818	Washer	M8xϕ18	2	
106	SH080800	Hex Head Bolt	M8x40	1	
28	200964	Bushing		1	
29	SR080400	Cap Screw	M8x20	2	
30	WS060000	Lock Washer	M6	2	
31	SR069400	Cap Screw	M6x16	2	
32	206307	Plate		1	
33	WF081818	Washer	M8xϕ18	4	
34	SH080800	Hex Head Bolt	M8x40	1	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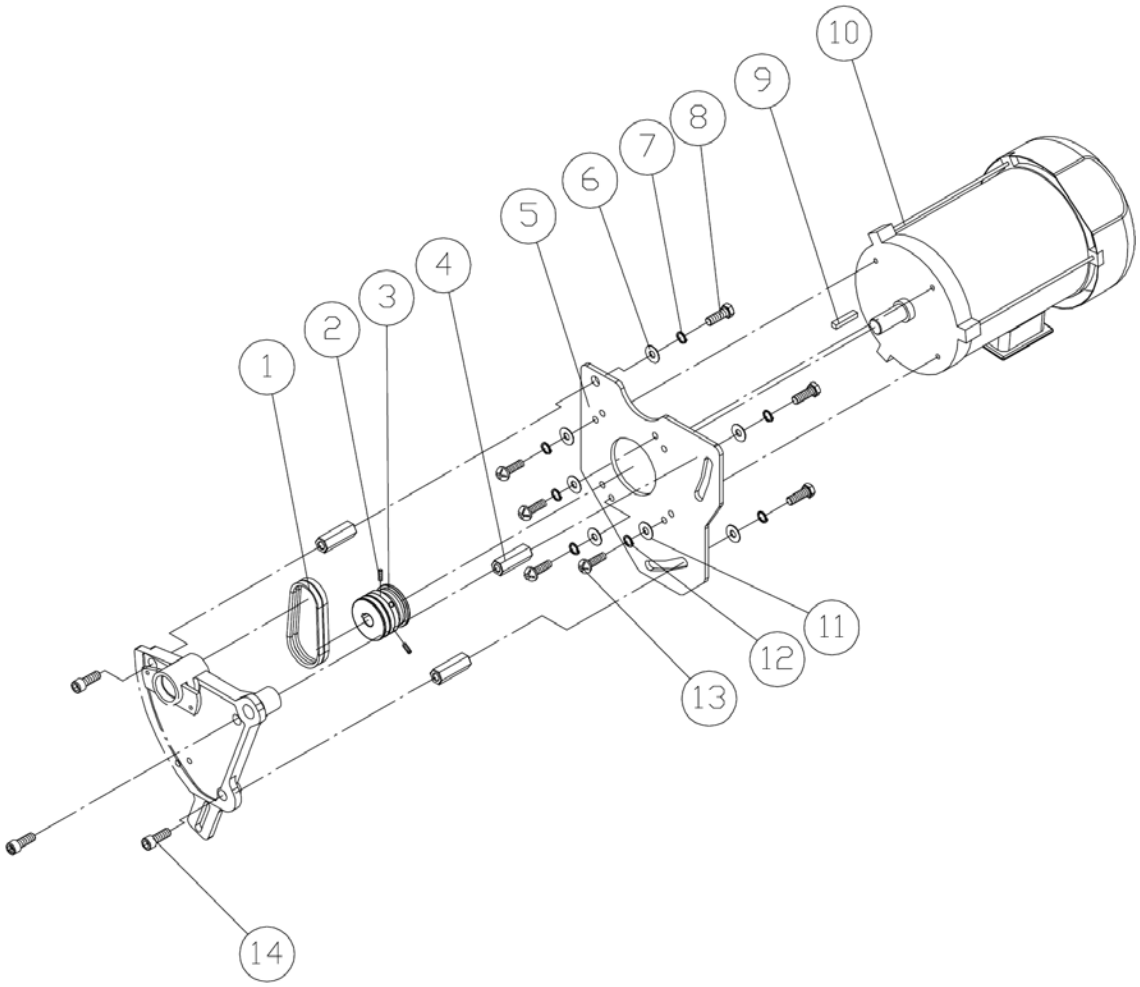
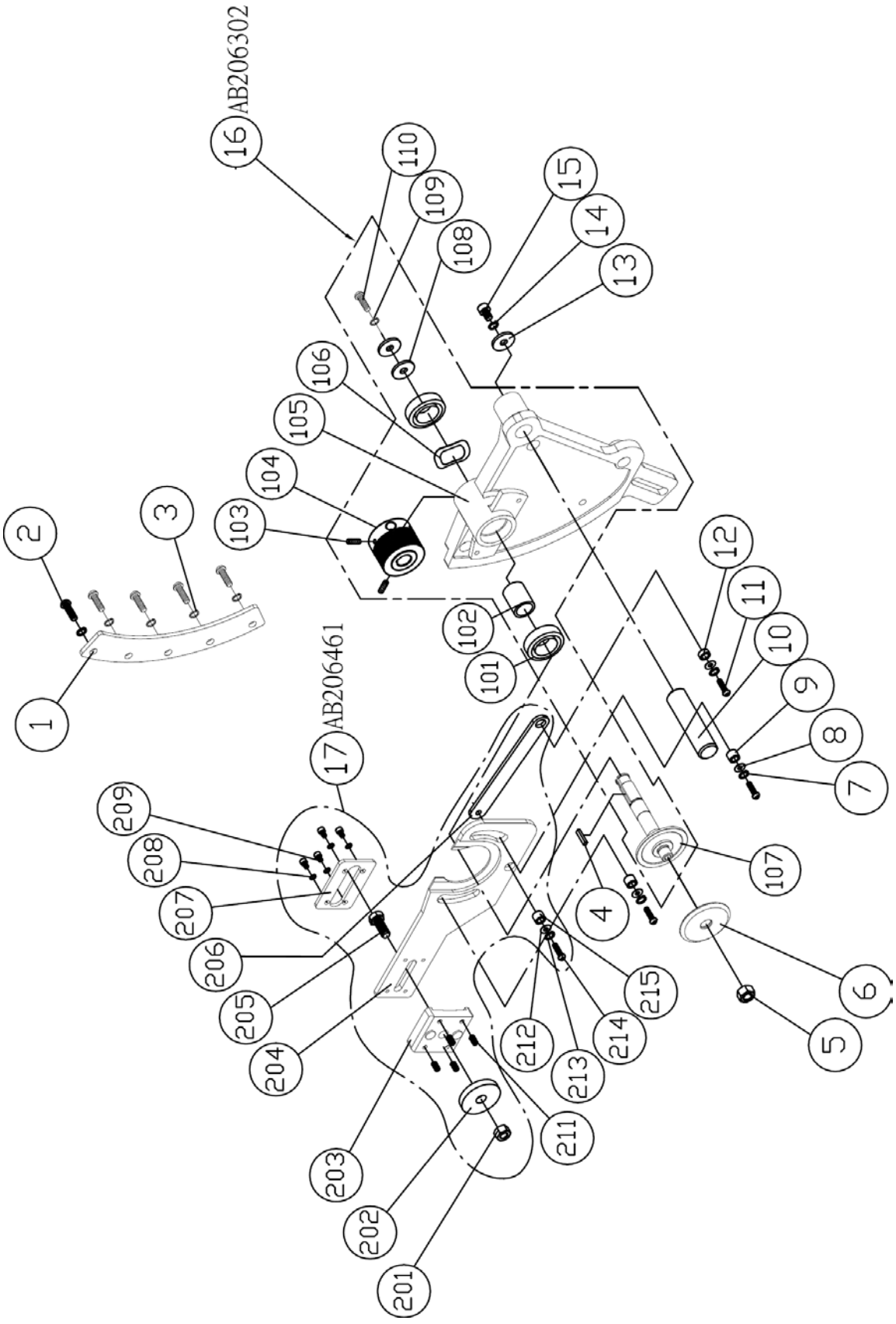
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	LJ019130	Belt	PJ190 x 13	1	OPT , 50Hz
	LJ018130	Belt	PJ180 x 13	1	OPT , 60Hz
2	SS069200	Set screw	M6×8	3	
3	206168	Pulley	PJ x 13	1	OPT , 50Hz
	206169	Pulley	PJ x 13	1	OPT , 60Hz
4	201333	Shaft		3	
5	206164	Main Motor Plate		1	
6	WF132225	Washer	M13×φ22	3	
7	WS120000	Lock Washer	M12	3	
8	SH120600	Hex Head Bolt	M12×30	3	
9	KD080740	Key	8x7x40	1	
10	MA206302	Main Motor	3HP	1	S
	MH204006	Main Motor	5HP(220V/440V)	1	M20H OPT.
11	WF081818	Washer	M8×φ18	4	
12	WS080000	Lock Washer	M8	4	
13	SJ080400	Hex Head Bolt	M8×20	4	
14	SR120600	Cap Screw	M12×30	3	
15	SR121100	Cap Screw	M12×50	1	
17	201322	Idler		1	
18	BB600102	Bearing	6001ZZ	1	
19	RR280010	Check ring	φ28	1	
21	NH121904	Hex Nut	M12×P1.75X6t	3	
22	206394	Shaft		2	
23	RS100000	Check ring	φ10	2	
24	BB620002	Bearing	6200ZZ	6	
25	NH121904	Hex Nut	M12×P1.75X6t	2	
26	LF460010	Belt	15×1185	1	OPT,50Hz
	LF450002	Belt	15×1160	1	OPT,60Hz
27	AB206306	Rotate Plate (ASM.)		1	
101	NH081304	Hex Nut	M8*1.25P*T4	1	
102	WS080000	Lock Washer	M8	1	
103	206306	Rotate Plate		1	
104	201275	Expansion Spring		2	
105	WF081818	Washer	M8×φ18	2	
106	SH080800	Hex Head Bolt	M8×40	2	
107	SR121100	Cap Screw	M12×50	1	
108	201322	Idler		1	
109	BB600102	Bearing	6001ZZ	1	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
110	RR280010	Check ring	ϕ28	1	
111	NH121904	Hex Nut	M12xP1.75X6T	3	
112	NH081300	Hex Nut	M8	2	
28	WS080000	Lock Washer	M8	2	
29	NH081300	Hex Nut	M8	1	
33	200964	Bushing		1	
34	SR080400	Cap Screw	M8x20	1	
35	WS060000	Lock Washer	M6	2	
36	SR069400	Cap Screw	M6x16	2	
37	206307	Plate		1	

P305
(TWO MOTOR-optional)



ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	208044	Belt	3VX-265	2	50Hz/OPT.
	206399	Belt	3VX-250	2	60Hz/OPT.
2	SS080200	Setscrew	M8×10	3	
3	208043	Belt Pulley	50Hz	1	CE/OPT.
	208042	Belt Pulley	60Hz	1	CSA/OPT.
4	201333	Shaft		3	
5	206396	Main Motor Plate		1	
6	WF132225	Washer	M13×ψ22	3	
7	WS120000	Lock Washer	M12	3	
8	SH120600	Hex Head Bolt	M12×30	3	
9	KD080745	Key	8x7x45	1	
10	MH204006	Main Motor	5HP(220V/440V)	1	M20H/ OPT.
11	WF081818	Washer	M8×ψ18	4	
12	WS080000	Lock Washer	M8	4	
13	SJ080400	Hex Head Bolt	M8×20	4	
14	SR120600	Cap Screw	M12×30	3	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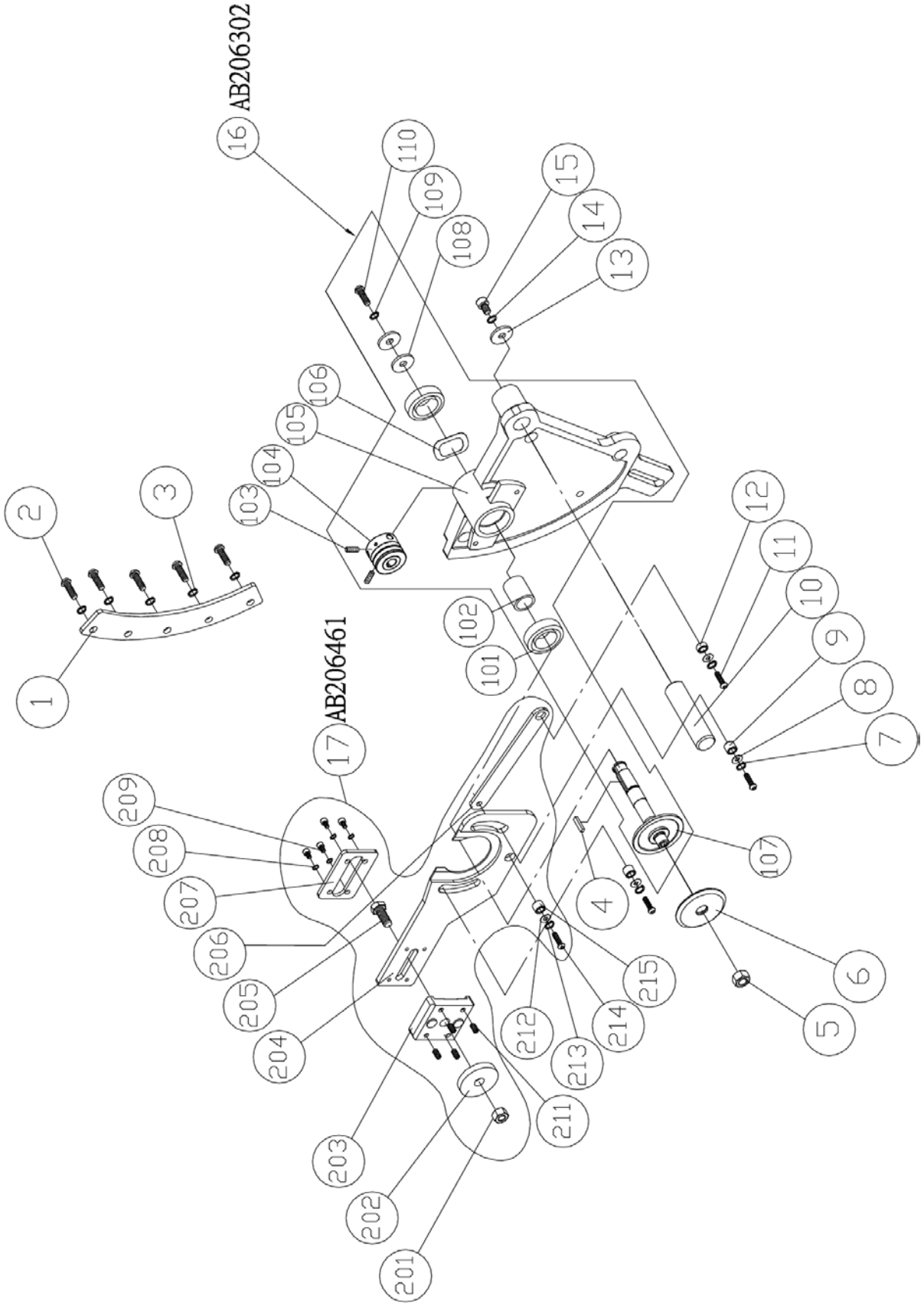
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	206304	Gip Plate		1	
2	SJ100500	Button Head Screw	M10×25	5	
3	WS100000	Spring Washer	M10	5	
4	KD050520	Key	5x5x20	1	
5	201822	Nut	M16x2.0	1	
6	206350	Arbor Flange	ϕ25.4	1	OPT.
	206380	Arbor Flange	ϕ30	1	
7	WS080000	Lock Washer	M8	3	
8	WF083030	Washer	M8×ϕ30	3	
9	200964	Bushing		2	
10	201205	Shaft		1	
11	SJ080400	Button Head Screw	M8×20	3	
12	201346	Bushing		1	
13	WF083030	Washer	M8×ϕ30	1	
14	WS080000	Lock Washer	M8	1	
15	SR080400	Cap Screw	M8×20	1	
16	AB206302~		ITEM:101~107	1	A (CSA)
101	BB620604	Bearing	6206LLB	2	
102	206311	Spacer		1	
103	SS069200	Setscrew	M6×8	3	
104	206167	Belt Pulley	50Hz & 60Hz	1	
105	206302	Rotate Plate		1	YF206302
106	WW476004	Wave Washer	ϕ47×ϕ60	2	
107	206357	Main Arbor	ϕ30	1	
	206310	Main Arbor	ϕ25.4	1	OPT.
108	WF083030	Washer	M8×ϕ30	2	
109	WS080000	Lock Washer	M8	1	
110	SJ080400	Button Head Screw	M8×20	1	
17	AB206461	Fix Block ASM		1	
201	NH101704	Hex Nut	M10	1	
202	WF104040	Washer	M10×ϕ40	1	
203	206461	Fix Block		1	
204	206309	Locate Plate		1	
205	SH100600	Hex Head Bolt	M10×30	1	
206	206360	Link Plate		1	
207	201881	plate		1	
208	WS050000	Lock Washer	M5	4	
209	SJ050200	Button Head Screw	M5×10	4	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
211	SS050200	Setscrew	M5x10	4	
212	WF083030	Washer	M8×ψ30	1	
213	WS080000	Lock Washer	M8	1	
214	SJ080400	Button Head Screw	M8×20	1	
215	200964	Bushing		1	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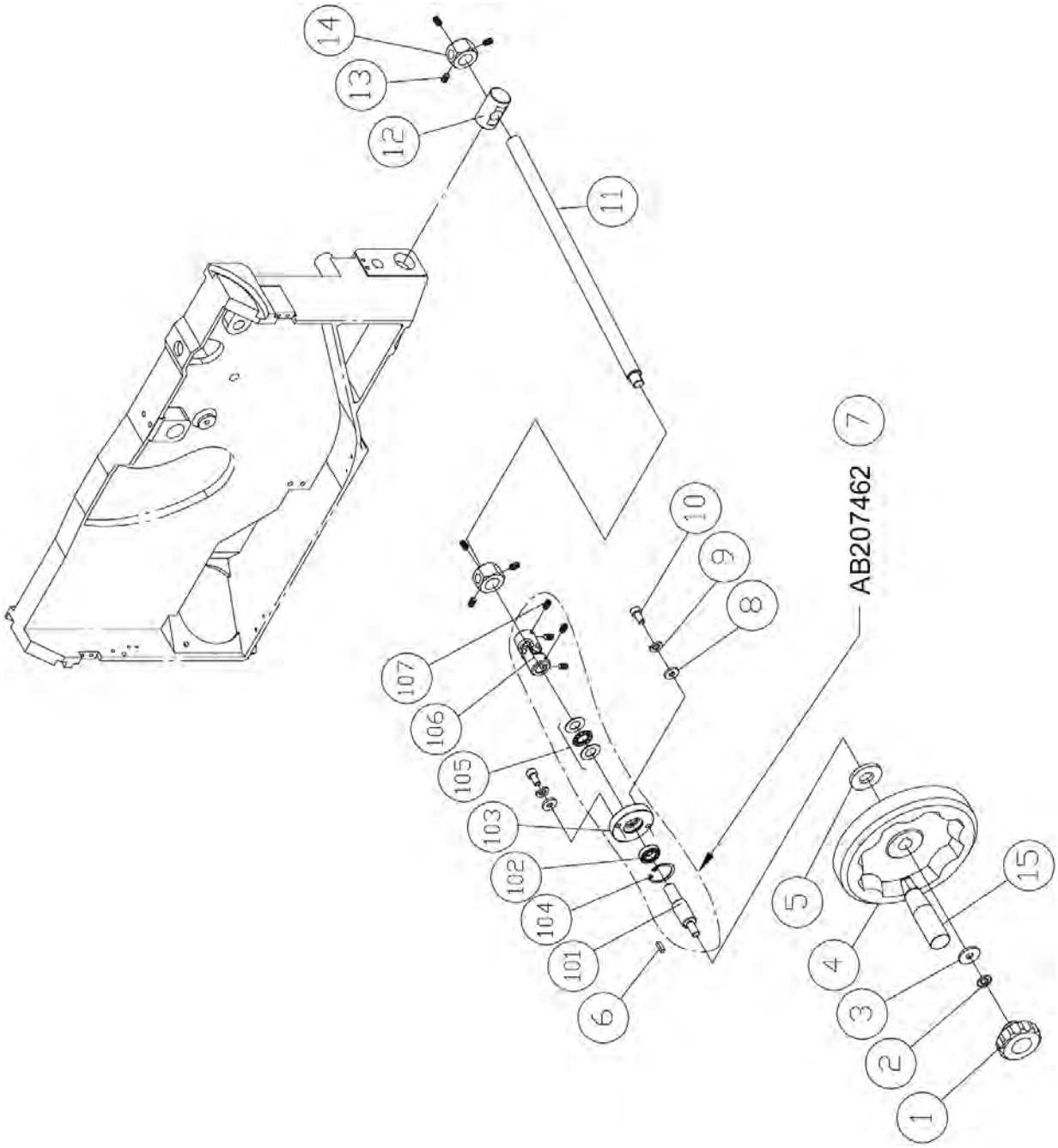
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	206304	Gip Plate		1	
2	SJ100500	Button Head Screw	M10×25	5	
3	WS100000	Spring Washer	M10	5	
4	KD050520	Key	5x5x20	1	
5	201822	Nut	M16x2.0	1	
6	206350	Arbor Flange	ϕ25.4	1	OPT.
	206380	Arbor Flange	ϕ30	1	
7	WS080000	Lock Washer	M8	3	
8	WF083030	Washer	M8×ϕ30	3	
9	200964	Bushing		3	
10	201205	Shaft		1	
11	SJ080400	Button Head Screw	M8×20	3	
12	201346	Bushing		1	
13	WF083030	Washer	M8×ϕ30	1	
14	WS080000	Lock Washer	M8	1	
15	SR080400	Cap Screw	M8×20	1	
16	AB206302-3		SS-D30P2 D305P2	1	A
	AB206302-4		SS-D30P2 D305P2	1	OPT.
	AB206302-5		SS-D30P2 D305P2	1	OPT.
101	BB620604	Bearing	6206LLB	2	
102	206311	Spacer		1	
103	SS050200	Setscrew	M5×10	3	
104	208041	Pulley		1	
105	206302	Rotate Plate		1	YF206302
106	WW476004	Wave Washer	ϕ47×ϕ60	2	
107	206357	Main Arbor	ϕ30	1	
	206310	Main Arbor	ϕ25.4	1	OPT.
108	WF083030	Washer	M8×ϕ30	2	
109	WS080000	Lock Washer	M8	1	
110	SJ080400	Button Head Screw	M8×20	1	
17	AB206461	Fix Block ASM		1	
201	NH101704	Hex Nut	M10	1	
202	WF104040	Washer	M10×ϕ40	1	
203	206461	Fix Block		1	
204	206309	Locate Plate		1	
205	SH100600	Hex Head Bolt	M10×30	1	
206	206360	Link Plate		1	
207	201881	plate		1	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
208	WS050000	Lock Washer	M5	4	
209	SJ050200	Button Head Screw	M5x10	4	
211	SS050200	Setscrew	M5x10	4	
212	WF083030	Washer	M8x ϕ 30	1	
213	WS080000	Lock Washer	M8	1	
214	SJ080400	Button Head Screw	M8x20	1	
215	200964	Bushing		1	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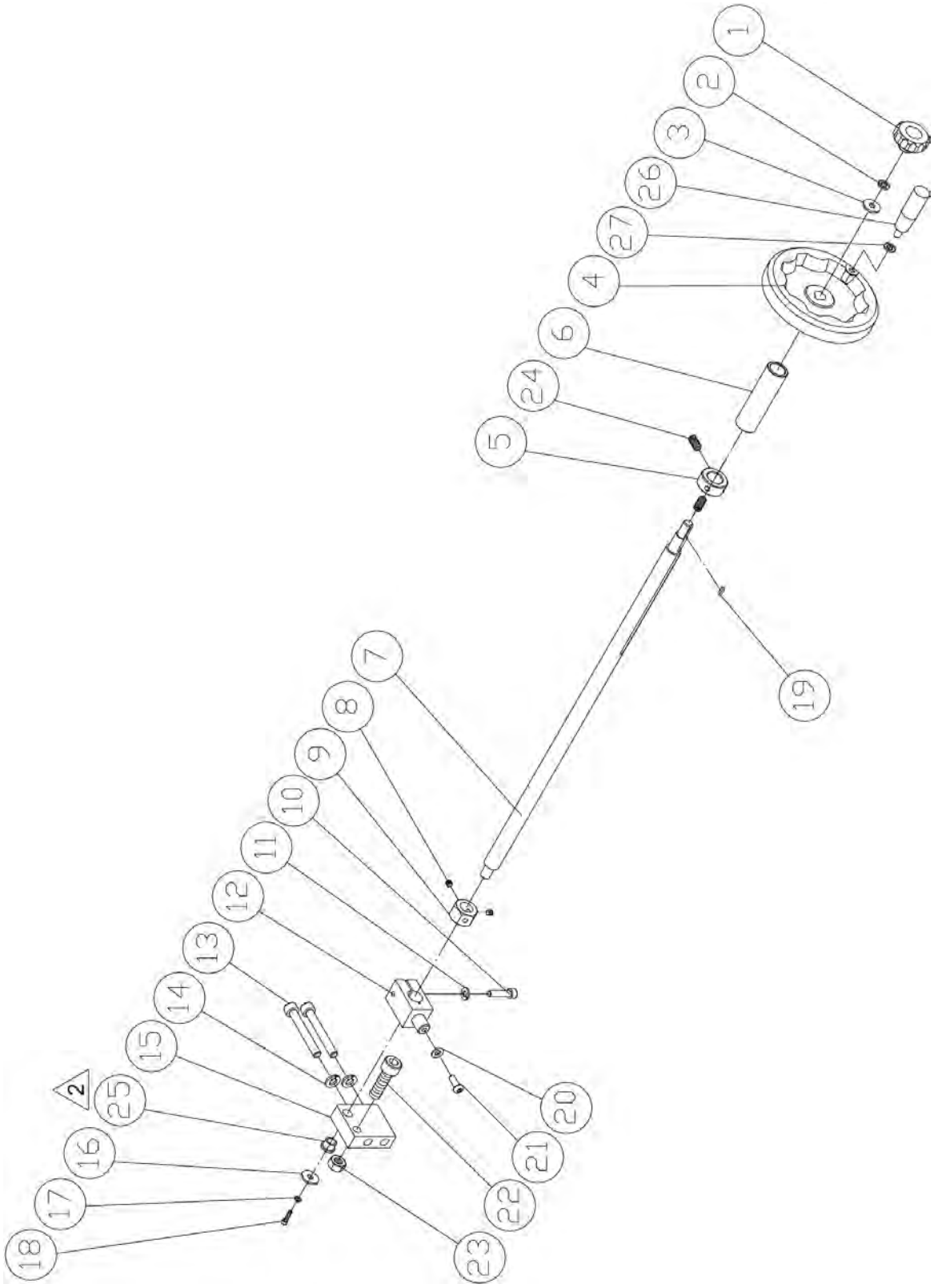
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	100203	Lock Knob	M10	1	
2	204263	Washer	ϕ10×ϕ20	1	
3	WF102730	Washer	M10×ϕ27	1	
4	206434A	hand wheel	8"	1	S
	200866	hand wheel	8"	1	OPT.
5	207167	Washer	T8	1	S
	201567	Washer	T5	1	OPT.
6	KS070720	Key	7x7x20	1	
7	AB207462	Hand Wheel Shaft Assembly		1	
101	207462	Hand Wheel Shaft		1	
102	BB690202	Bearing	6902ZZ	1	
103	207252	Locate Ring		1	
104	RR280010	Ext. Retaining Ring	R28	1	
105	994204	Thrust Bearing	NTB1528+AS	1	
106	207461	Free Joint	ϕ14	1	
107	SS069100	Set Screw	M6×6	4	
8	WF081818	Lock Washer	M8xϕ18	2	
9	WS080000	Lock Washer	M8	2	
10	SR080400	Cap Screw	M8×20	2	
11	207176	Screw		1	
12	206328	Shaft		1	
13	SS069100	Set Screw	M6×6	6	
14	206379	Set Nut		2	
15	200866-1	Handle		1	S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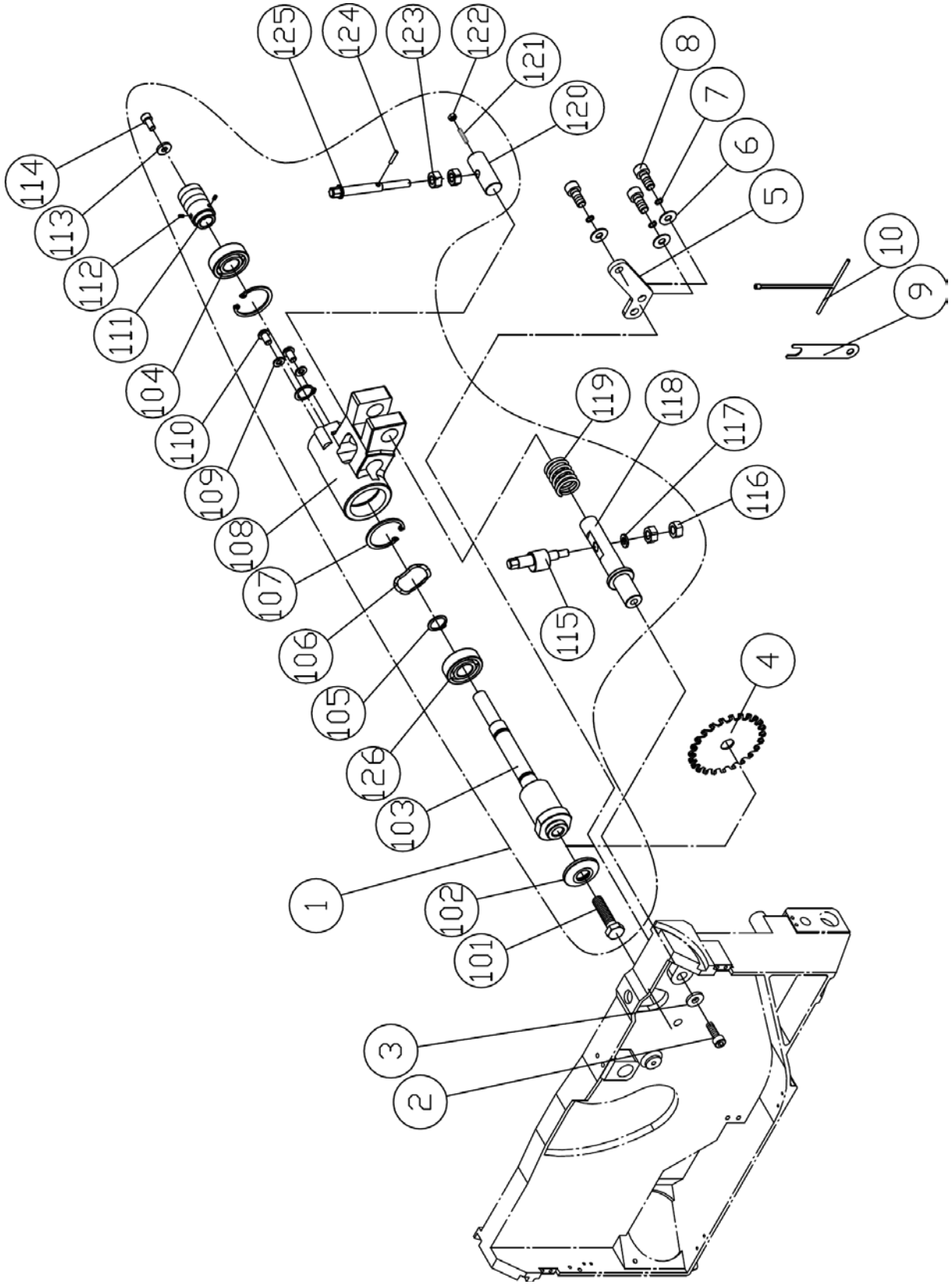
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	100203	Lock Knob	M10	1	
2	204263	Washer	ϕ10xϕ20	1	
3	WF103030	Washer	M10×ψ30	1	
4	204289B	Hand Wheel		1	S
	204176A	Hand Wheel		1	OPT.
5	200855	Bushing		1	
6	206385	Sleeve		1	
7	206327	Screw		1	
8	SS069100	Setscrew	M6×6	3	
9	206379	Set Nut		1	
10	SR060600	Cap Screw	M6×30	1	
11	WS060000	Lock Washer	M6	2	
12	206326	Hex Nut		1	
13	SR081200	Cap Screw	M8×60	2	
14	WS080000	Lock Washer	M8	2	
15	206325	Locate Block		1	
16	WF061310	Washer	M6×13	1	
17	WS060000	Lock Washer	M6	1	
18	SR069300	Cap Screw	M6×12	1	
19	KS050520	Key	5*5*20	1	
20	WF061620	Washer	M6xϕ16	1	
21	SJ060200	Cap Screw	M6×10	1	
22	SS100700	Setscrew	M10×35	1	
23	NH101700	Hex Nut	M10	1	
24	SS080200	Setscrew	M8x10	2	
25	017177	Bushing		1	
26	206460	Handle	M10 7"	1	
27	WF101608	Washer	M10xϕ16xt0.8	1	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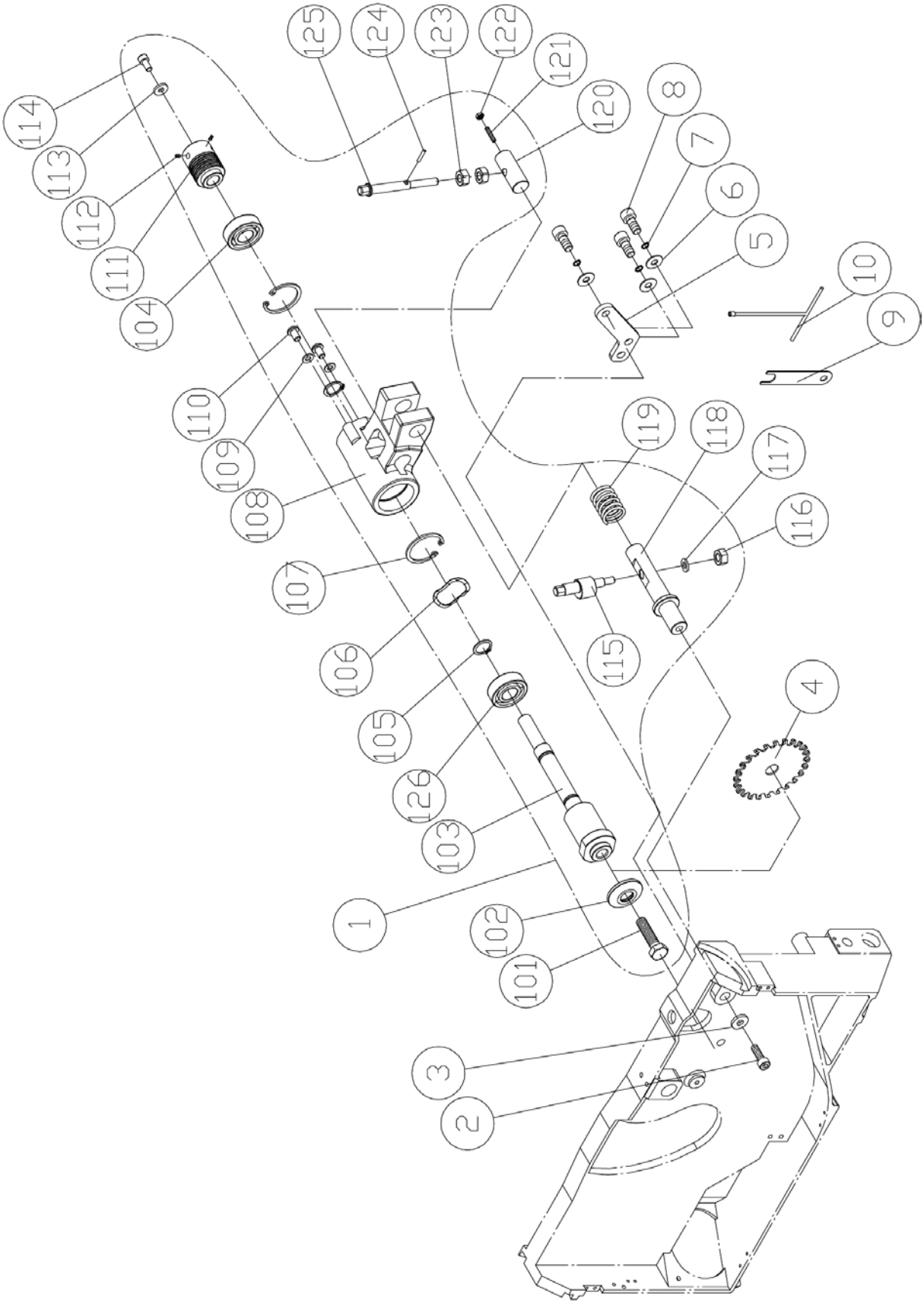
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	AB206347-1	Pulley ASM		1	
101	SH120440	Hex Head Bolt	M12×20	1	
102	206320	Flange		1	
103	206321	Shaft		1	
104	BB620204	Ball Bearing	6202LLB	1	
105	RS150000	Int. Retaining Ring	S15	2	
106	WW263403	Wave Washer	ϕ26* ϕ34 t=0.3 (6202)	2	
107	RR350000	Int. Retaining Ring	R35	2	
108	206303	Shaft		1	YF206303
109	WF061310	Washer	M6x13	2	
110	SJ069400	Button Head Screw	M6*16	2	
111	206347	Pulley		1	50Hz(OPT.)
	206348	Pulley		1	60Hz(OPT.)
112	SS069100	Set Screw	M6×6	3	
113	WF061620	Washer	M6x16	1	
114	SH069402	Hex Head Bolt	M6×16(L.H)	1	
115	206316	Shaft		1	
116	NL061000	Lock Nut	M6	2	
117	206395	Spring	ϕ15* ϕ6.2*0.5t	1	
118	206318	Shaft		1	
119	206323	Spring		1	
120	206319	Shaft		1	
121	206386	Set Screw	M6*25	1	
122	NH061000	Hex Nut	M6	1	
123	203239	Hex Nut	M8	2	
124	PS031200	Spring Pin	ϕ3*12	1	
125	206317	Screw		1	
126	BB600304	Ball Bearing	6003LLB	1	
2	SR080400	Cap Screw	M8*20	1	
3	WF083030	Washer	M8* ϕ30	1	
4	200973	Scoring Saw Blade	φ20	1	
5	206365	Fix Plate		1	
6	WF061310	Washer	M6x13	3	
7	WS060000	Lock Washer	M6	3	
8	SR069400	Cap Screw	M6*16	3	
9	206366	Wrench		1	
10	206369	Wrench	8mm	1	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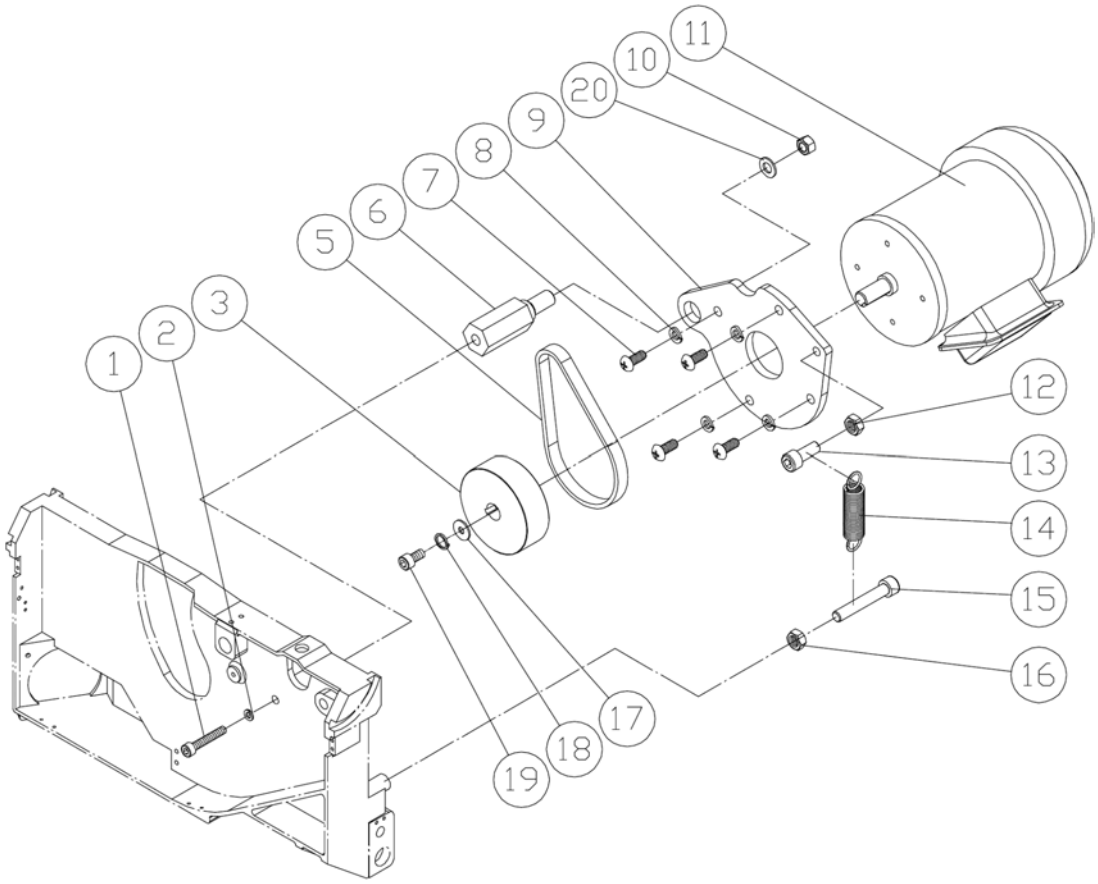
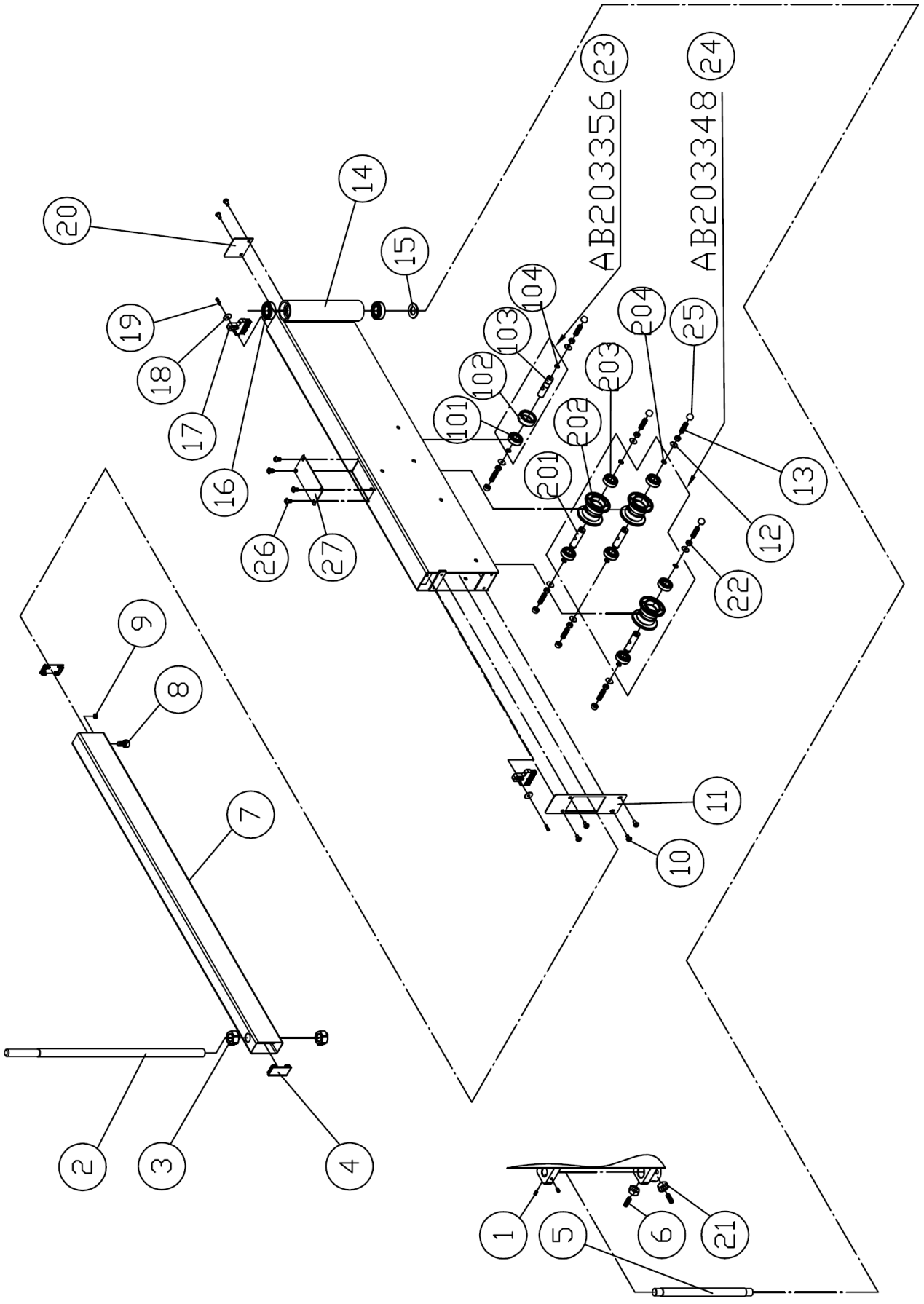
(optional-two motor)

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	AB206315-1	Pulley ASM		1	
101	SH120440	Hex Head Bolt	M12×20	1	
102	206320	Flange		1	
103	206321	Shaft		1	
104	BB620204	Ball Bearing	6202LLB	1	
105	RS150000	Int. Retaining Ring	S15	2	
106	WW263403	Wave Washer	ϕ 26* ϕ 34 t=0.3 (6202)	2	
107	RR350000	Int. Retaining Ring	R35	2	
108	206303	Shaft		1	YF206303
109	WF061310	Washer	M6x13	2	
110	SJ069400	Button Head Screw	M6*16	2	
111	206315	Pulley		1	
112	SS069100	Set Screw	M6×6	3	
113	WF061620	Washer	M6x16	1	
114	SH069402	Hex Head Bolt	M6×16(L.H)	1	
115	206316	Shaft		1	
116	NL061000	Lock Nut	M6	1	
117	206395	Spring	ϕ 15* ϕ 6.2*0.5t	1	
118	206318	Shaft		1	
119	206323	Spring		1	
120	206319	Shaft		1	
121	206386	Set Screw	M6*25	1	
122	NH061000	Hex Nut	M6	1	
123	203239	Hex Nut	M8	2	
124	PS031200	Spring Pin	ϕ 3*12	1	
125	206317	Screw		1	
126	BB600304	Ball Bearing	6003LLB	1	
2	SR080400	Cap Screw	M8*20	1	
3	WF083030	Washer	M8* ϕ 30	1	
4	200973	Scoring Saw Blade	φ 20	1	
5	206365	Fix Plate		1	
6	WF061310	Washer	M6x13	3	
7	WS060000	Lock Washer	M6	3	
8	SR069400	Cap Screw	M6*16	3	
9	206366	Wrench		1	
10	206369	Wrench	8mm	1	



ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	SR122000	Cap Screw	M12*100	1	
2	WS120000	Lock Washer	M12	1	
3	206314	Pully		1	50Hz
	206336	Pully		1	60Hz
5	LJ014070	Belt	140J7	1	60Hz
	LJ015070	Belt	150J7	1	50Hz
6	206313	Shaft		1	
7	SJ080400	Button Head Screw	M8*20	4	
8	WS080000	Lock Washer	M8	4	
9	206331	Plate		1	
10	NL142200	Lock Nut	M14	1	
11	MH206301	Scoring Motor	0.75P (M20P)	1	Feature
12	NH101700	Hex Nut	M10	1	
13	SR100400	Cap Screw	M10*20	1	
14	201275	Expansion Spring		1	
15	SR101000	Cap Screw	M10*50	1	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
16	NH101700	Hex Nut	M10	1	
17	WF063030	Washer	M6* ϕ 30	1	
18	WS060000	Lock Washer	M6	1	
19	SR069400	Cap Screw	M6*16	1	
20	WF143530	Washer	M14* ϕ 35	1	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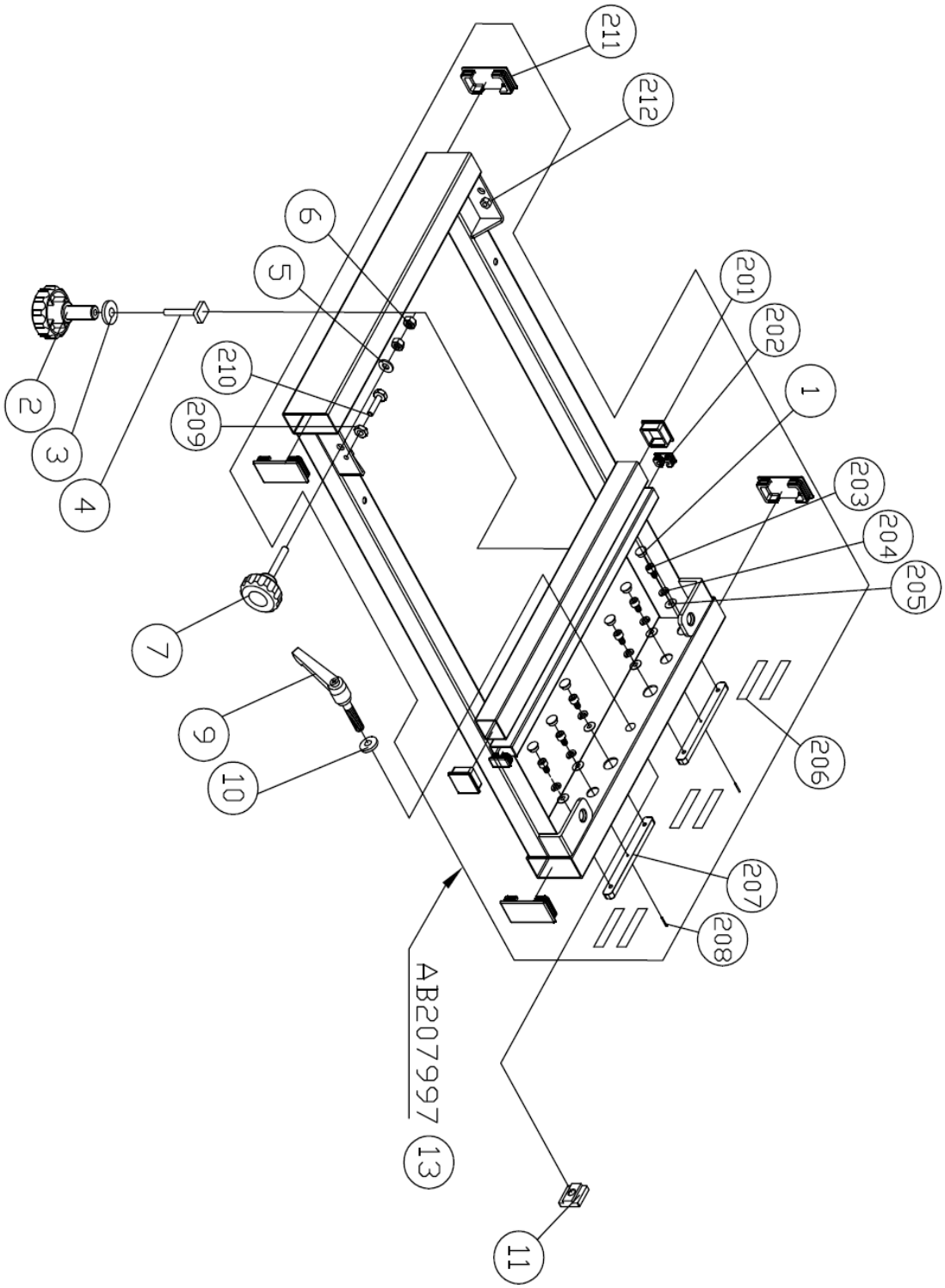
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	SS100200	Setscrew	M10*10	3	
2	207242	Screw Threads		1	
3	NH203000	Hex Nut	M20x2.5p	2	
4	200910	Plug	40*80	2	
5	207240	Shaft		1	
6	SS100400	Setscrew	M10*20	4	
7	204241	Sliding Tube	1600mm	1	T
	207241	Sliding Tube	2200mm	1	T/ OPT.
8	SR080400	Cap Screw	M8*20	1	
9	NH081300	Hex Nut	M8	1	
10	SJ060200	Button Head Screw	M6*10	6	
11	207239	Cover		1	GK
12	WF081818	Washer	M8*ψ18	8	
13	SS080500	Setscrew	M8*25	8	
14	207238	Swing Arm		1	GK
15	WF203730	Washer	M20*ψ37	1	
16	BB600402A	Bearing	6004ZZ	2	
17	135051	Brush		2	
18	WF061310	Washer	M6*13	2	
19	SR060400	Cap Screw	M6*20	2	
20	207084	Plate		1	GK
21	NH101700	Hex Nut	M10	4	
22	NH081300	Hex Nut	M8	4	
23	**AB203356**		Item :101~104	**1 SET**	A
101	BB620202	Bearing	6202ZZ	1	
102	203356	Ring		1	
103	203357	Shaft		1	
104	RS150000	Ext. Retaining Ring	S15	2	
24	**AB203348**		Item: 201~204	**3 SET**	A
201	203349	Shaft		1	
202	203348	Roller		1	
203	BB620202	Bearing	6202ZZ	2	
204	RS150000	Ext. Retaining Ring	S15	2	
25	207582	Cover	13mm	8	
26	SJ059200	Button Head Screw	M5*8	4	
27	207528	Plate		1	GK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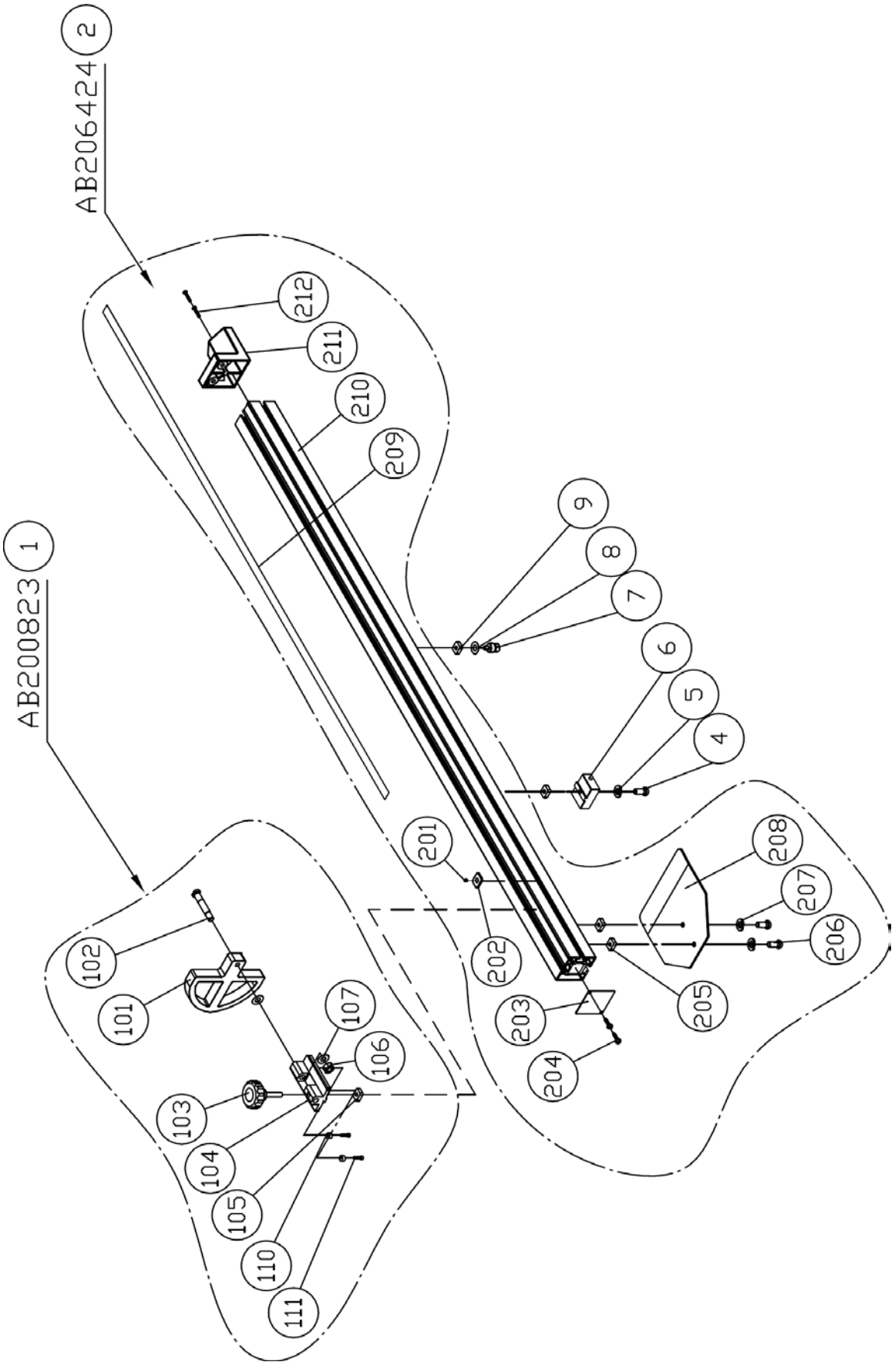
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	201458	Plug		6	
2	200952	Knob Screw	M8×55	1	H
3	WF083030	Washer	M8X30	1	H
4	200953	T-Bolt	M8×1.25p×60L	1	H
5	WF081818	Washer	M8x18	1	
6	NH081300	Hex Nut	M8	2	
7	200954	Knob Screw	M8X50	1	H
9	200815	Adjust Handle	M12×1.75p×57L	1	H
10	WF123030	Washer	M12×30	1	H
11	201855	T-Nut	1600MM	1	H
	201849	Nut	2200,2500MM	1	Optional
13	AB207997		No.201~212	1	A
201	200969	Plug	38×38	2	
202	200919	Plug	40X20	2	
203	SJ069400	Button Head Screw	M6×16	6	
204	WS060000	Lock Washer	M6	6	
205	WF061620	Washer	M6	6	
206	201038	Pad	55mm	6	
207	201452	Plate		2	
208	PS031400	Pin	3x14	2	
209	NH081300	Hex Nut	M8	2	
210	SH080600	Hex Head Screw	M8X30	2	
211	200910	Plug	80×40	4	
212	207997	Support Frame		1	R


AB206424 2
AB200823 1
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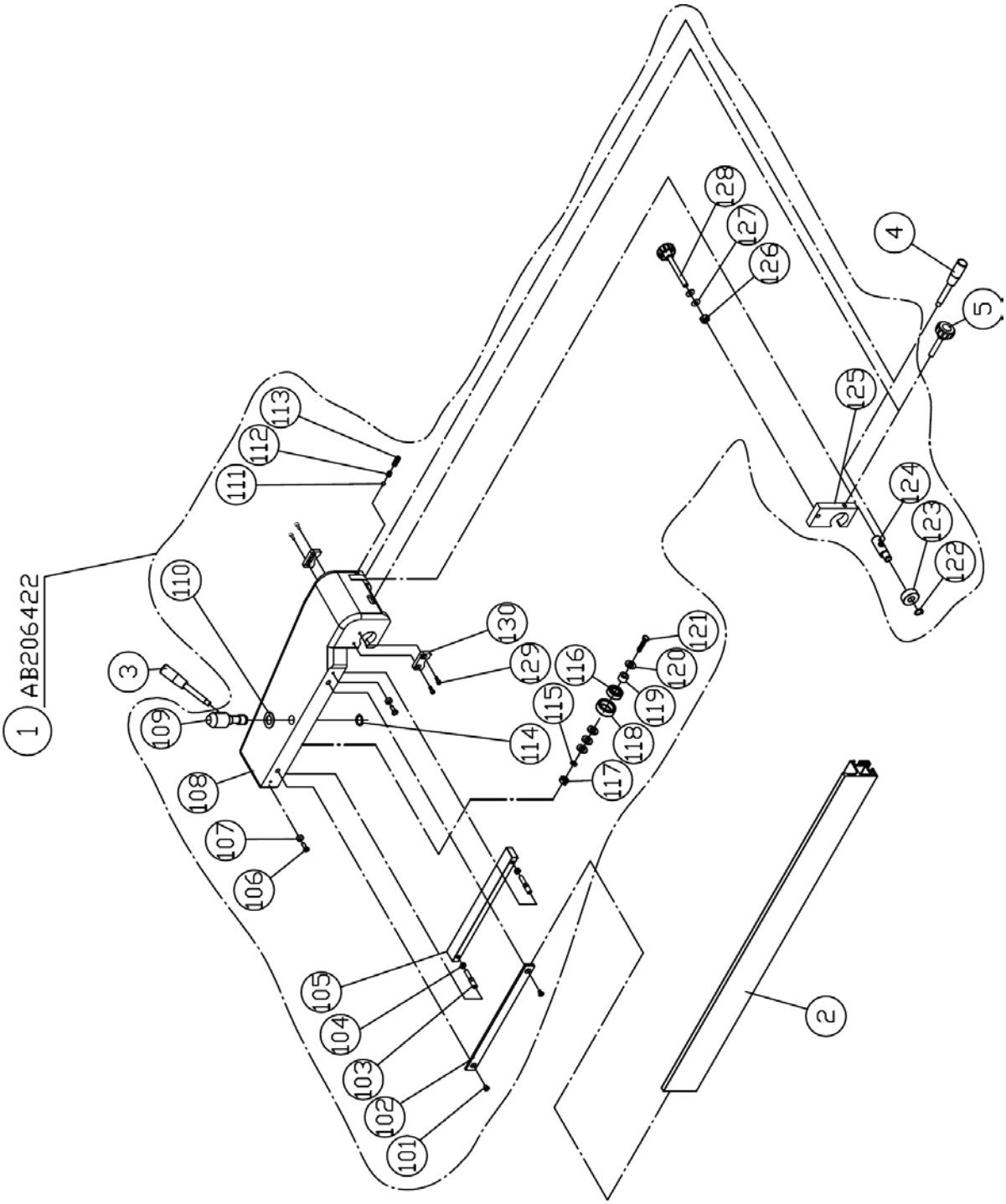
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	**AB200823**	Flip Stop Assembly	Item:101~109	1	A
101	200823	Flip Stop		1	
102	200824	Rotation Shaft		1	
103	200827	Knob	M8x1.25px40L	1	
104	200826	Stop Bracket		1	
105	201103	T-Nut	M8x1.25p	1	
106	NL101700	Lock Nut	M10	1	
107	992610	Copper Washer	ϕ11*ϕ18*0.5t	2	
110	201170	Ring		2	
111	SR039400	Cup Screw	M3x12	2	
2	**AB206424**	Square Fence Assembly	Item:201~212	1	A
201	SS050100	Setscrew	M5*5	1	
202	206430	Nut		2	
203	206427	Cover		1	
204	ST040200	Tap Screw	M4x10	2	
205	201103	T-Nut	M8x1.25p	2	
206	SJ089400	Button Head Screw	M8x16	2	
207	WS080000	Lock Washer	M8	2	
208	200829	Locate Plate		1	
209	LM001040	Ruler	0~2000mm	1	
210	206423	Square Fence		1	
211	206424	Rotate Block		1	
212	SP040200	Pan Head Screw	M4x10	2	
4	SR080700	Cap Screw	M8x35	1	H
5	WS080000	Lock Washer	M8	1	H
6	201465	Block		1	H
7	200832	Rotate Shaft		1	H
8	200069	Fiber Washer	10x18	1	H
9	201103	T-Nut	M8x1.25p	2	H


1 AB206422
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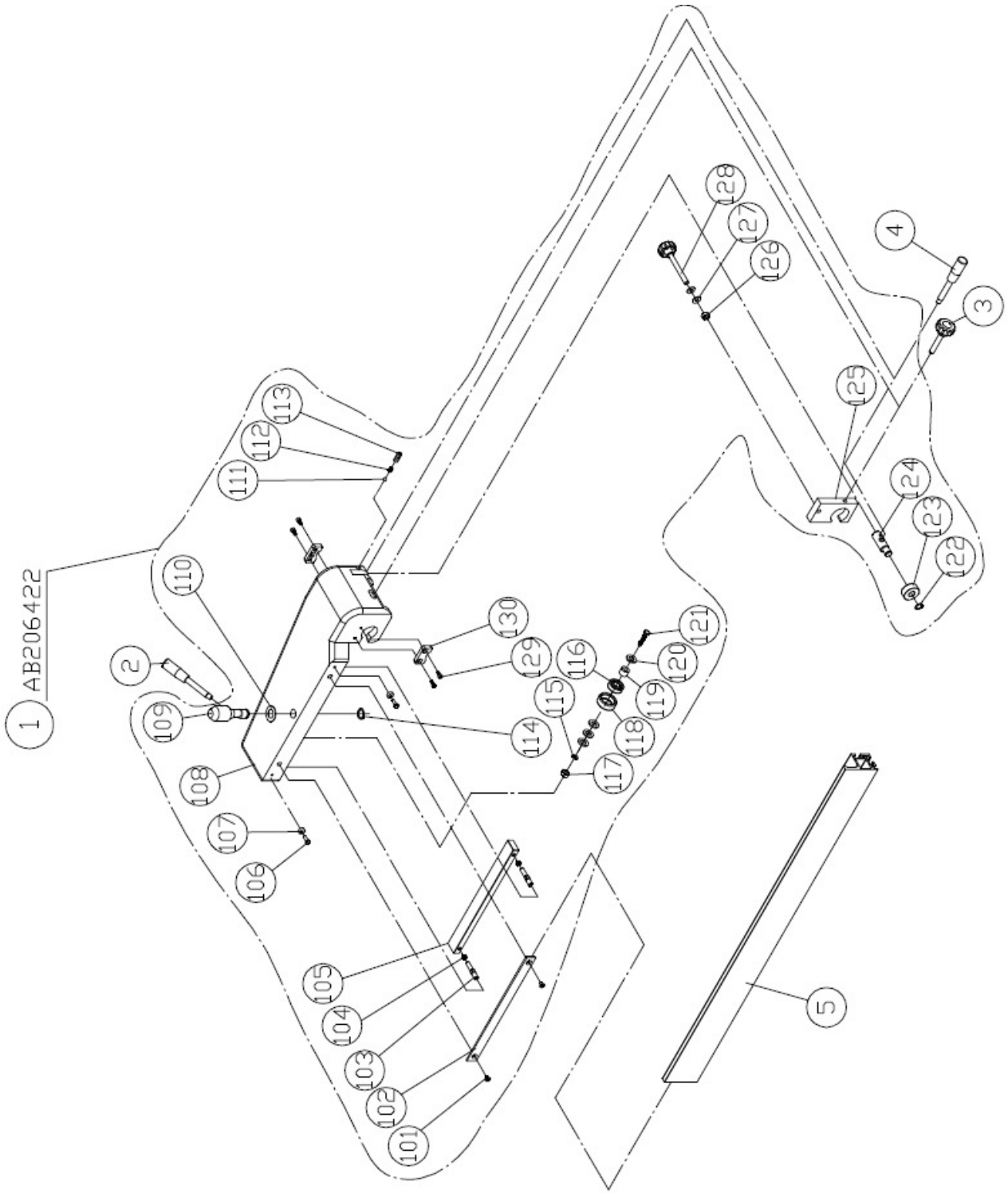
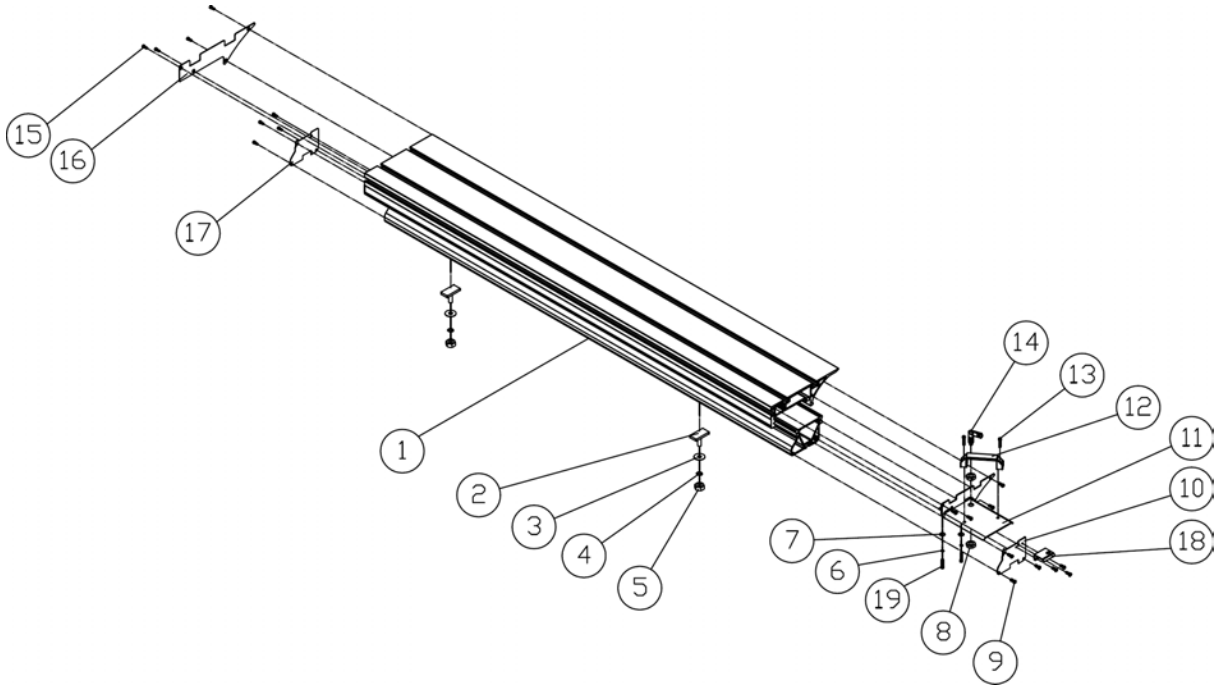
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	AB206422	Rip Fence Housing Assembly		1	GK
101	SI069400	Counter Sunk Screw	M6*16	2	
102	206433	Fixed Plate		1	
103	203193	Shafts		2	
104	NL081000	Lock Nut	M8	2	
105	200875	Plate		1	
106	SH069400	Hex Head Bolt	M6*16	2	
107	203179	Eccentric Ring		2	
108	206422	Seat		1	GK
109	203213	Eccentric Shaft		1	
110	WF203630	Washer	ϕ20*ϕ36	1	
111	994181	Steel Ball	ϕ8	1	
112	150099	Spring		1	
113	SS100200	Set Screw	M10*10	1	
114	RS200000	Retaining Ring	S20	1	
115	WS080000	Lock Washer	M8	1	
116	BB620202	Ball Bearing	6202ZZ	1	
117	NA081300	Hex Nut	M8	1	
118	203356	Ring		1	
119	206435	Ring		1	
120	WF083030	Washer	M8*ϕ30	4	
121	SH080700	Hex Head Bolt	M8*35	1	
122	RS150000	Retaining Ring	S15	1	
123	203649	Ring		1	
124	203650	Shaft		1	
125	206428	Fixed Block		1	
126	NL101700	Lock Nut	M10	1	
127	200069	Washer	M10	2	
128	205114	Adjust Knob	M10*110	1	
129	SR060200	Cap Screw	M6*10	4	
130	205822	Scraper	ϕ40	2	
2	205663	Fence Plate	1M	1	
	203191	Fence Plate	1.2M	1	X7 / OPT.
3	200884	Handle		1	
4	200884	Handle		1	
5	206432	Handle		1	



ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	AB206422	Rip Fence Housing Assembly		1	GK
101	SI069400	Counter Sunk Screw	M6*16	2	
102	206433	Fixed Plate		1	
103	203193	Shafts		2	
104	NL081000	Lock Nut	M8	2	
105	200875	Plate		1	
106	SH069400	Hex Head Bolt	M6*16	2	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
107	203179	Eccentric Ring		2	
108	206422	Seat		1	GK
109	203213	Eccentric Shaft		1	
110	WF203630	Washer	ψ20*ψ36	1	
111	994181	Steel Ball	ψ8	1	
112	150099	Spring		1	
113	SS100200	Set Screw	M10*10	1	
114	RS200000	Retaining Ring	S20	1	
115	WS080000	Lock Washer	M8	1	
116	BB620202	Ball Bearing	6202ZZ	1	
117	NA081300	Hex Nut	M8	1	
118	203356	Ring		1	
119	206435	Ring		1	
120	WF083030	Washer	M8*ψ30	4	
121	SH080700	Hex Head Bolt	M8*35	1	
122	RS150000	Retaining Ring	S15	1	
123	203649	Ring		1	
124	203650	Shaft		1	
125	206428	Fixed Block		1	
126	NL101700	Lock Nut	M10	1	
127	200069	Washer	M10	2	
128	205114	Adjust Knob	M10*110	1	
129	SR060200	Cap Screw	M6*10	4	
130	205822	Scraper	ψ40	2	



ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	201469B1	Sliding Table Set	316x1600mm	1	
2	201665	Cap Screw	M12x1.75 L=60	2	
3	WF122430	Washer	M12x ϕ 24	2	
4	WS120000	Lock Washer	M12	2	
5	NH121900	Hex Nut	M12xP1.75	2	
6	WS060000	Lock Washer	M6	2	
7	WF061310	Washer	M6x ϕ 13	2	
8	NH162400	Hex Nut	M16x P1.5	2	
9	SJ069400	Button Head Screw	M6x16	8	
10	204085	Fixed Block		1	R
11	204073	Locate Plate		1	R
12	201624	Handle		1	
13	SR089300	Cap Screw	M8x16	2	
14	200831	Pin Lock		1	
15	SJ060200	Button Head Screw	M6x10	8	
16	204070	Locate Plate		2	R
17	204071	Locate Plate		1	R
18	204096	Locate Plate		1	R
19	SR069400	Cap Screw	M6x16	2	

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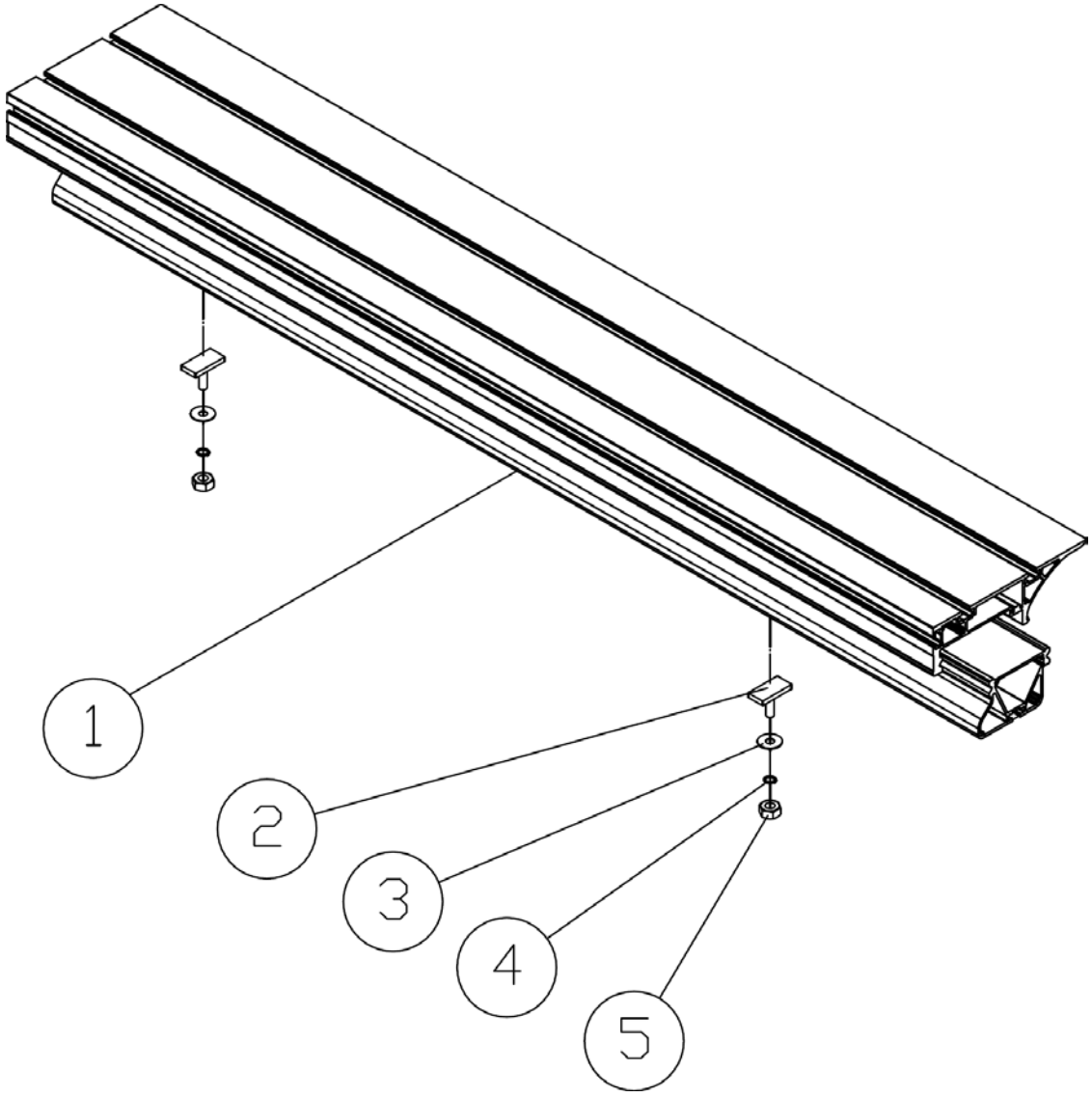
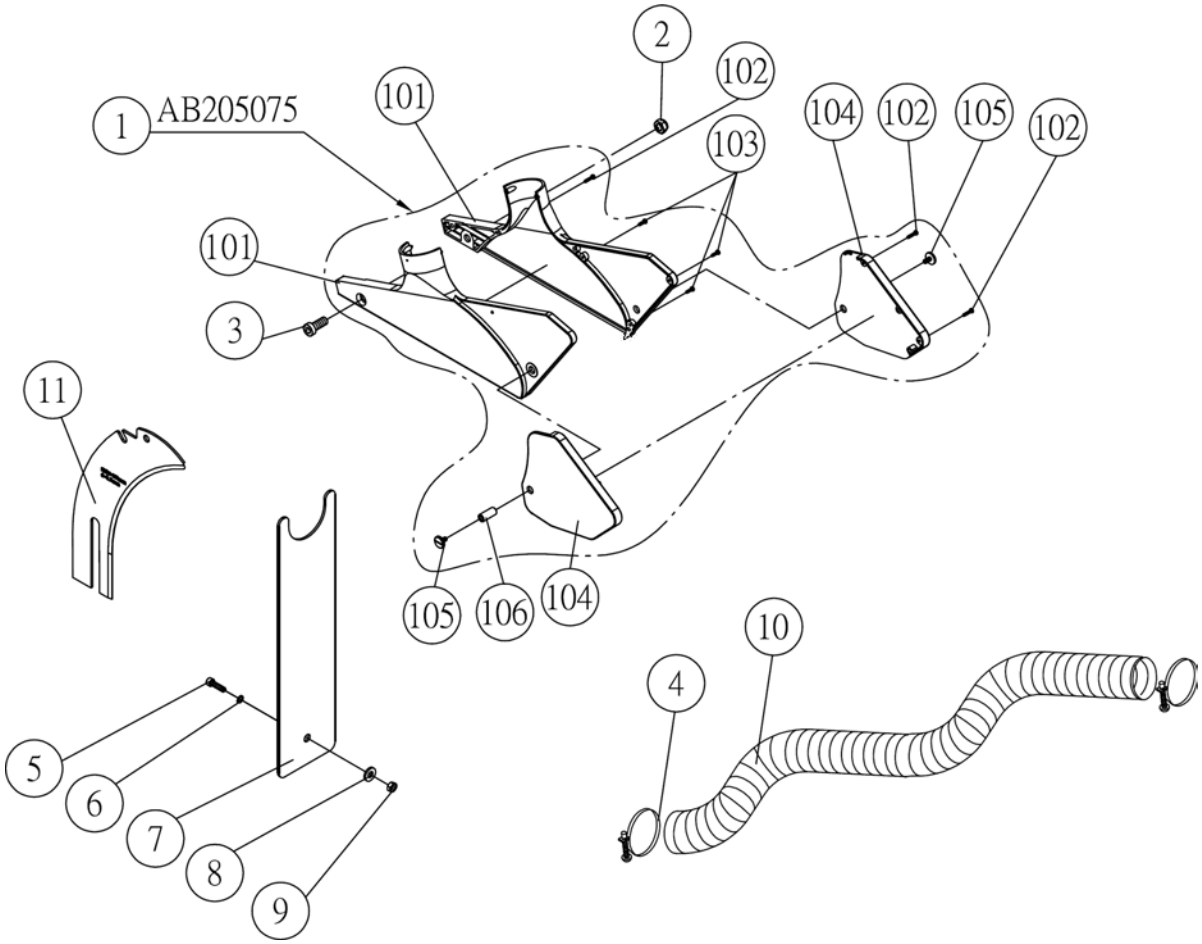
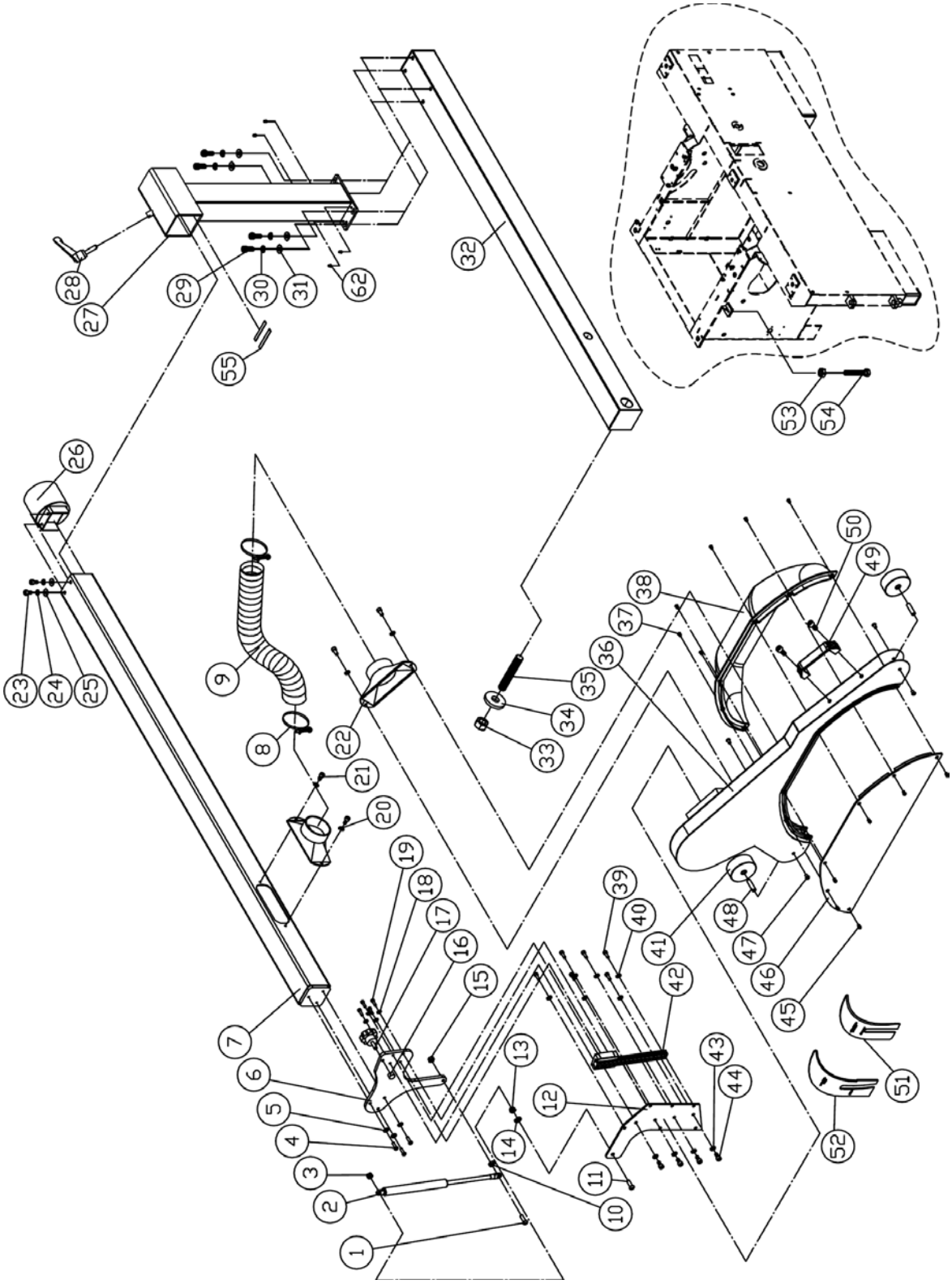
(optinoal 2200mm)



ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	2360220B	Sliding Table Set	360x2200mm	1	
2	201665	Cap Screw	M12x1.75 L=60	2	
3	WF122430	Washer	M12x ϕ24	2	
4	WS120000	Lock Washer	M12	2	
5	NH121900	Hex Nut	M12×P1.75	2	



ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	AB205075	Hood Assembly		1	A
101	205075	Hood		1	
102	ST029404	Screw	M3×16	3	
103	ST029304	Screw	M3×12	3	
104	205076	Hood		1	
105	203110	Screw	M5×10	2	
106	205124	Shaft		1	
2	NL101700	Lock Nut	M10	1	
3	205162	Cap Screw	M10×25	1	
4	200535	Hose Clamp	2-1/2"	2	
5	SR100500	Cap Screw	M10x25	1	
6	WS100000	Lock Washer	M10	1	
7	200965	Hose Support Plate		1	
8	WF102025	Washer	M10x20	1	
9	NL101700	Hex Nut	M10	1	
10	200536	Hose	ϕ 64x3000	1	OPT.
11	205067	Plate		1	OPT.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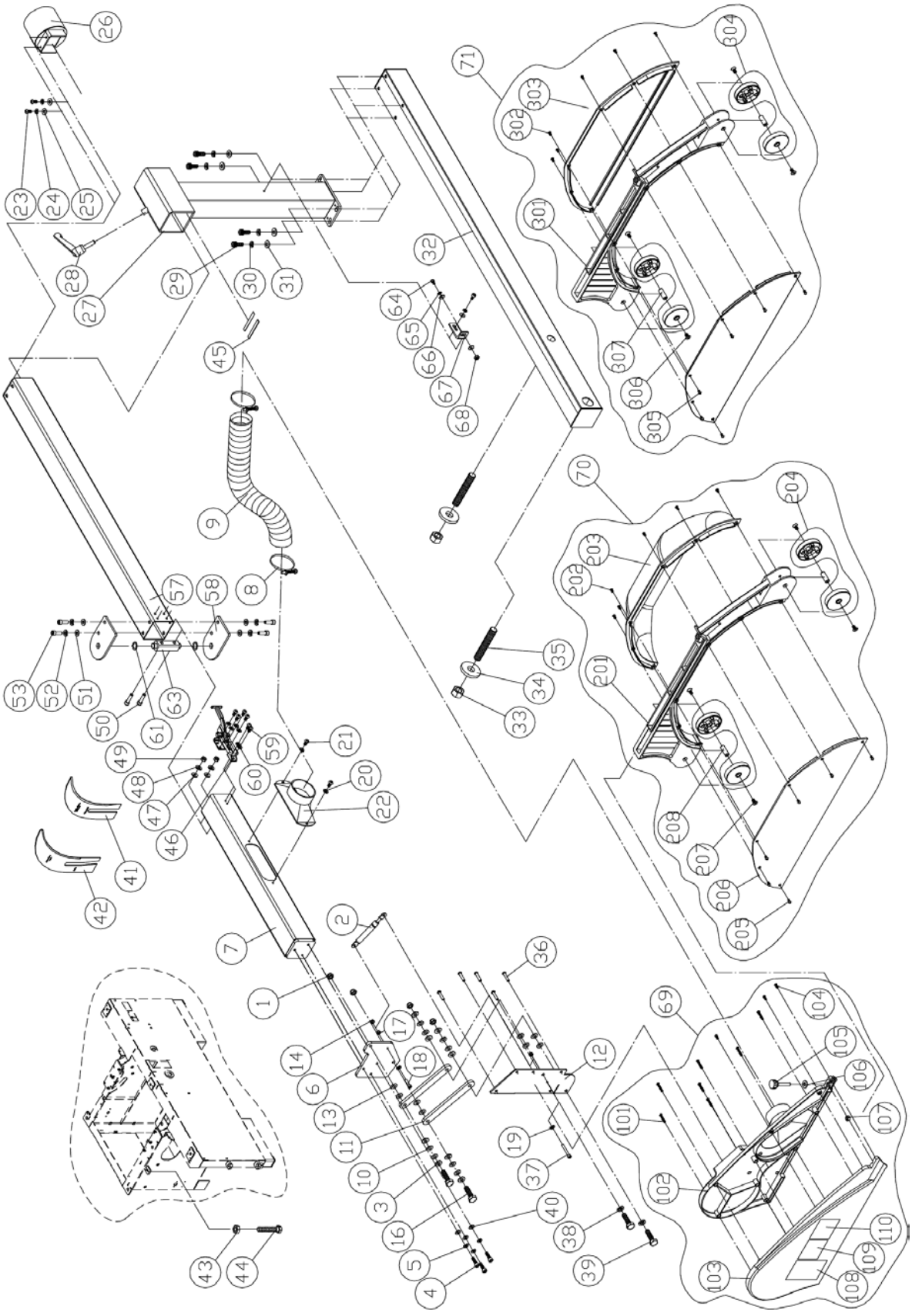
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	SJ080700	Button Head Screw	M8*35	1	
2	205307	Gas Expansion Cylinder		1	
3	NL081300	Lock Nut	M8	1	
4	SJ060400	Button Head Screw	M6*20	3	
5	WS060000	Lock Washer	M6	3	
6	205306	Fixed Plate		1	
7	206389	Arm		1	
8	204158	Hose Clamp	3-1/4"	2	
9	HS330004	Hose	ϕ 3"x42cm	1	
10	NL081300	Lock Nut	M8	1	
11	SJ080600	Button Head Screw	M8*30	1	
12	205314	Fixed Plate		1	
13	NH081300	Hex Nut	M8	1	
14	WS080000	Lock Washer	M8	1	
15	NH081300	Hex Nut	M8	1	
16	205304	Locating Block		1	
17	200937	Knob Screw	M8*1.25p*25L	1	
18	WS050000	Lock Washer	M5	4	
19	SR059400	Cap Screw	M5*16	4	
20	WS060000	Lock Washer	M6	4	
21	SJ069300	Cap Screw	M6*12	4	
22	204061	Dust Port		2	
23	SJ069300	Cap Screw	M6*12	2	
24	WS060000	Lock Washer	M6	2	
25	WF061920	Washer	M6* ϕ 19	2	
26	206390	Dust Port		1	
27	206388	Fixed Bracket		1	
28	201109	Fasten Handle	M10x35	1	
29	SR080500	Cap Screw	M8x25	4	
30	WS080000	Lock Washer	M8	4	
31	WF081818	Washer	M8x18	4	
32	206391	Fixed Bracket		1	
33	NH203000	Hex Nut	M20	2	
34	203338	Washer	ϕ 22* ϕ 60*t8	2	
35	203547	Screw	M20*120	2	
36	206387	Guard		1	
37	SP049200	Pan Head Screw	M4*8	6	
38	205355	Protection Hood		1	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
39	SR069300	Cap Screw	M6*12	6	
40	WS060000	Lock Washer	M6	6	
41	203355	Roller		2	
42	203216	Liner Guide		1	
43	WS060000	Lock Washer	M6	4	
44	SR069300	Cap Screw	M6*12	4	
45	SP049200	Pan Head Screw	M4*8	6	
46	205356	Protection Hood		2	
47	SJ069200	Button Head Screw	M6*8	4	
48	203354	Shaft		2	
49	201624	Handle		1	
50	SR089400	Cap Screw	M8*16	2	
51	201844	Plate	φ300~350	1	
52	205032	Plate	φ350~400	1	OPT.
53	NH121900	Hex Nut	M12	1	
54	SH121400	Hex Head Bolt	M12X70	1	
55	201039	Pad		8	
62	SS069200	Set Screw	M6*1*8	4	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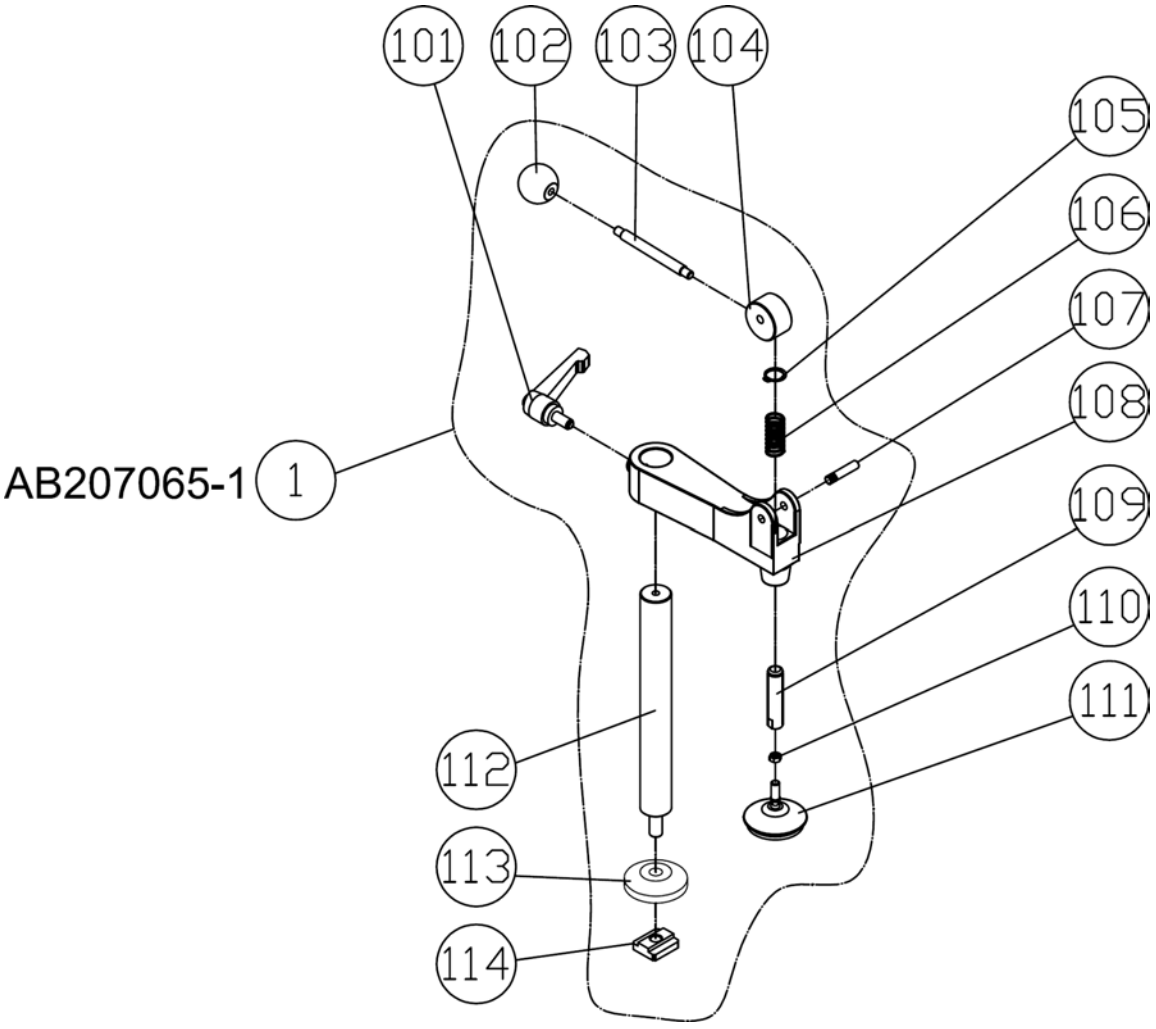
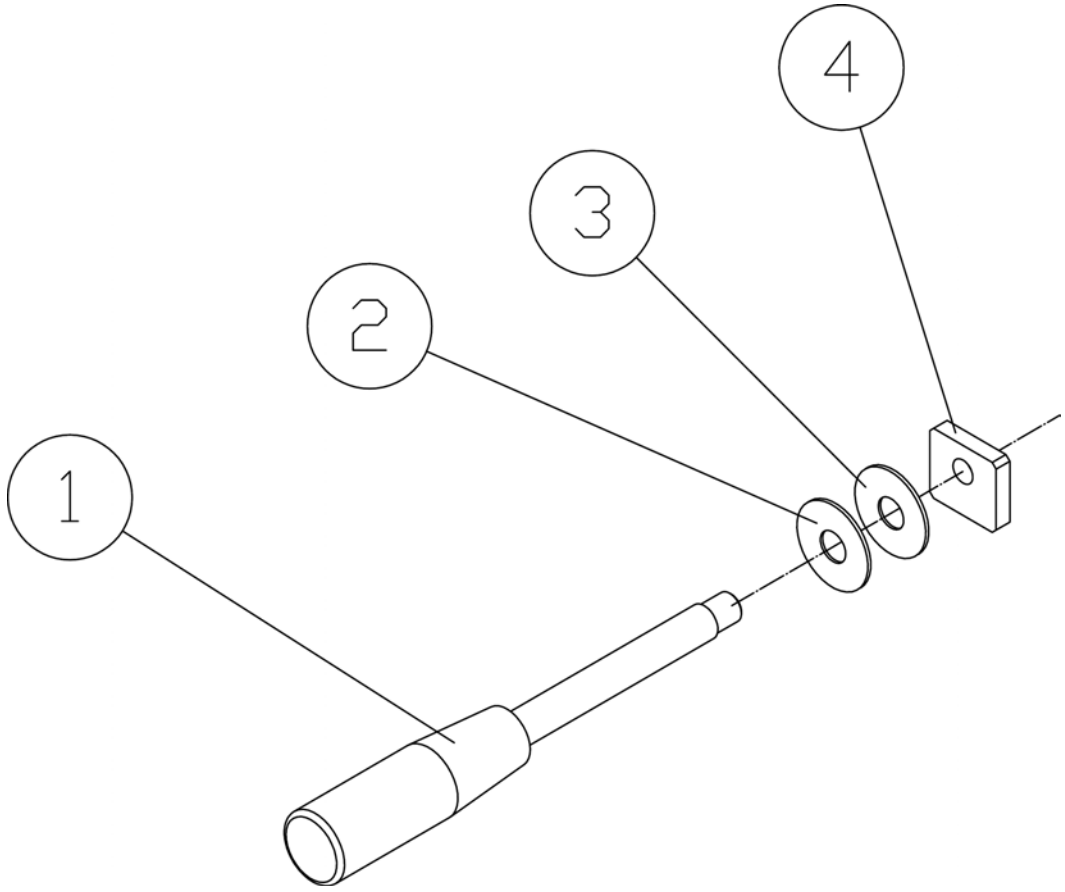
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	NL101700	Lock Nut	M10	4	
2	205004	Gas Expansion Cylinder		1	
3	WF102020	Washer	M10* ϕ 20	8	
4	SR060400	Cap Screw	M6*20	3	H
5	WS060000	Lock Washer	M6	3	H
6	207987	Fixed Plate		1	
7	207970	Arm		1	R
8	204158	Hose Clamp	3-1/4"	2	
9	HS330004	Hose	ϕ 3"x42cm	1	
10	204263	Washer	ϕ 10x ϕ 20	8	
11	207981	Link		2	
12	207985	Fixed Plate		1	
13	992609	Copper Washer	ϕ 20x ϕ 10x0.5t	8	
14	NL061000	Lock Nut	M6	2	
16	SH100700	Hex Head Bolt	M10*35	2	
17	NH061000	Hex Nut	M6	1	
18	SR060500	Cap Screw	M6*25	1	
19	WS060000	Lock Washer	M6	2	
20	WS060000	Lock Washer	M6	2	H
21	SJ069300	Cap Screw	M6*12	2	H
22	204061	Dust Port		1	
23	SJ069300	Cap Screw	M6*12	2	
24	WS060000	Lock Washer	M6	2	
25	WF061920	Washer	M6* ϕ 19	2	
26	206390	Dust Port		1	R
27	206388	Fixed Bracket		1	R
28	201109	Fasten Handle	M10x35	1	H
29	SR080500	Cap Screw	M8x25	4	H
30	WS080000	Lock Washer	M8	4	H
31	WF081818	Washer	M8x18	4	H
32	206391	Fixed Bracket		1	R
33	NH203000	Hex Nut	M20	2	
34	203338	Washer	ϕ 22* ϕ 60*t8	2	
35	205116	Screw	M20*130	2	
36	SJ060600	Button Head Screw	M6*30	5	
37	SR060900	Cap Screw	M6*45	1	
38	WS100000	Lock Washer	M10	2	
39	SH100700	Hex Head Bolt	M10*35	2	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
40	WF061920	Washer	M6* ϕ 19	3	H
41	205073	Plate	φ 300~350	1	
42	205032	Plate	φ 350~400	1	OPT.
43	NH121900	Hex Nut	M12	1	
44	SH121400	Hex Head Bolt	M12X70	1	
45	201039	Pad		8	
46	205358	Elbow Type Clamp		1	
47	WF081818	Washer	M8x18	2	
48	WS080000	Lock Washer	M8	2	
49	NH081300	Hex Nut	M8	2	
50	SR080600	Cap Screw	M8x30	2	
51	WF081818	Washer	M8x18	4	
52	WS080000	Lock Washer	M8	4	
53	SR080500	Cap Screw	M8x25	4	
57	207971	Square Tube		1	R
58	207973	Plate		2	R
59	SJ060200	Cap Screw	M6x10	6	
60	WS060000	Lock Washer	M6	6	
61	992627	Copper Washer	ϕ 24* ϕ 16*0.3t	2	
63	207975	Shaft		1	
64	SR060400	Cap Screw	M6*20	2	
65	WS060000	Lock Washer	M6	2	
66	WF061620	Washer	M6× ϕ 16	3	
67	207776	Fixed Plate		1	R
68	NH061000	Hex Nut	M6	1	
69	**AB207866**	Rear Cover ASM		1	OPT.
101	ST030500	Tap Screw	M3.5x25	7	
102	207866	Rear Cover		1	
103	207865	Front Cover		1	
104	ST040200	Tap Screw	M4x10	3	
105	207882	Knob		1	
106	WF081818	Washer	M8x18	1	
107	NH081300	Hex Nut	M8	1	
108	LM207031	Warning Label		1	
109	LM207032	Warning Label		1	
110	LM207033	Warning Label		1	
70	**AB205355**	Protection Hood ASM		1	OPT.
201	207867	Guard		1	

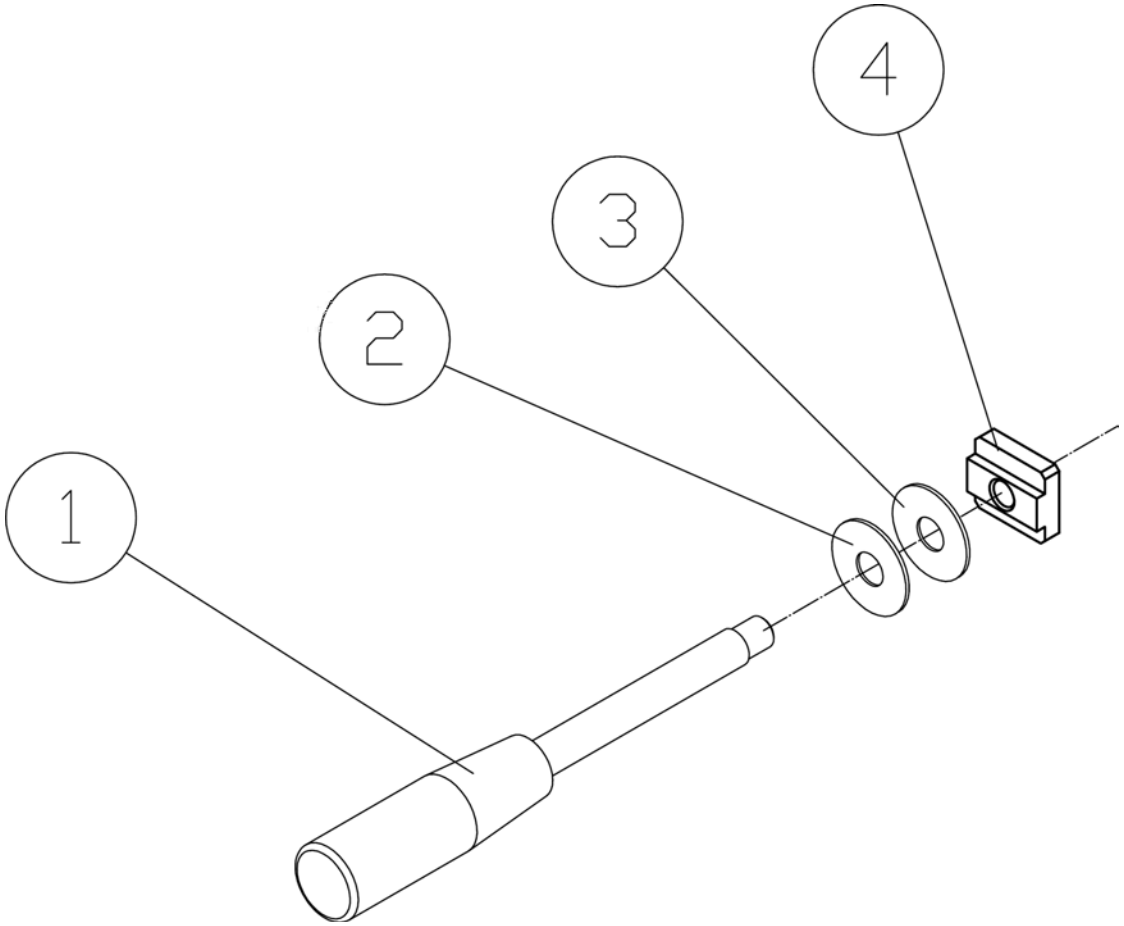
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
202	SP040200	Pan Head Screw	M4*10	6	
203	205355	Protection Hood		1	
204	AB207868	Roller ASM		2	
205	SP040200	Pan Head Screw	M4*10	6	
206	205356	Protection Hood		1	
207	SI060200	Counter Sunk Screw	M6*10	4	
208	207883	Shaft		2	
71	**AB205356**	Protection Hood ASM		1	OPT.
301	207867	Guard		1	
302	SP040200	Pan Head Screw	M4*10	6	
303	205356	Protection Hood		2	
304	AB207868	Roller ASM		2	
305	SP040200	Pan Head Screw	M4*10	6	
306	SI060200	Counter Sunk Screw	M6*10	4	
307	207883	Shaft		2	



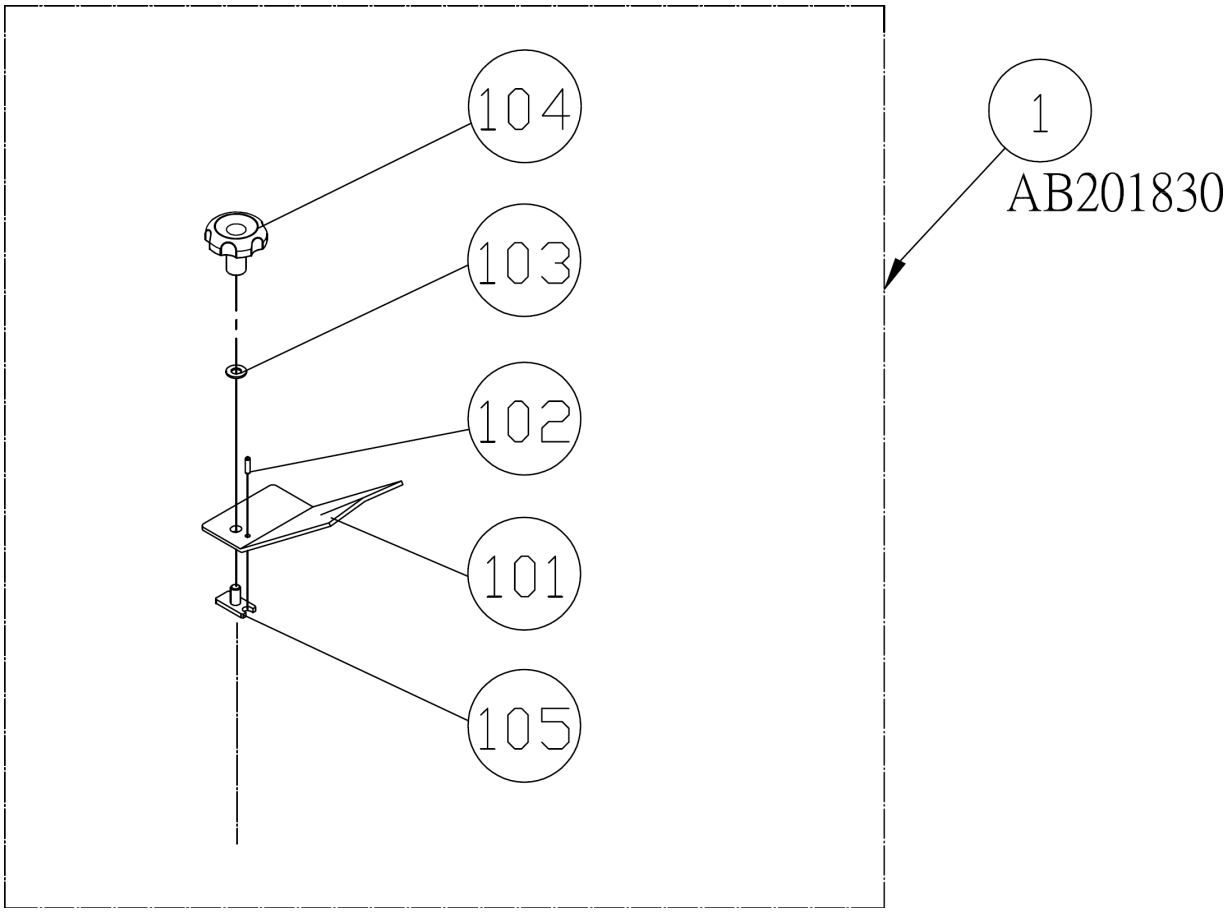
ITEM	PART NO	PARTS MA,E	SIZE	Q`TY	NOTE
1	AB207065-1	Down Press ASM		1	S
101	207143	Adjust Handle		1	
102	100271	Ball Knob	M8×P1.25	1	
103	207070	Handle Bar		1	
104	207067	Cam		1	
105	RS140000	Ext. Retaining Ring	S14	1	
106	207069	Spring		1	
107	207145	Pin		1	
108	207065	Down Press		1	
109	207068	Shaft		1	
110	NH602300	Hex Nut	5/16	1	
111	200807	Large Washer		1	
112	205253	Shaft		1	
113	200809	Washer		1	
114	201855	T-Nut		1	S, B
	205830	Block		1	S, D



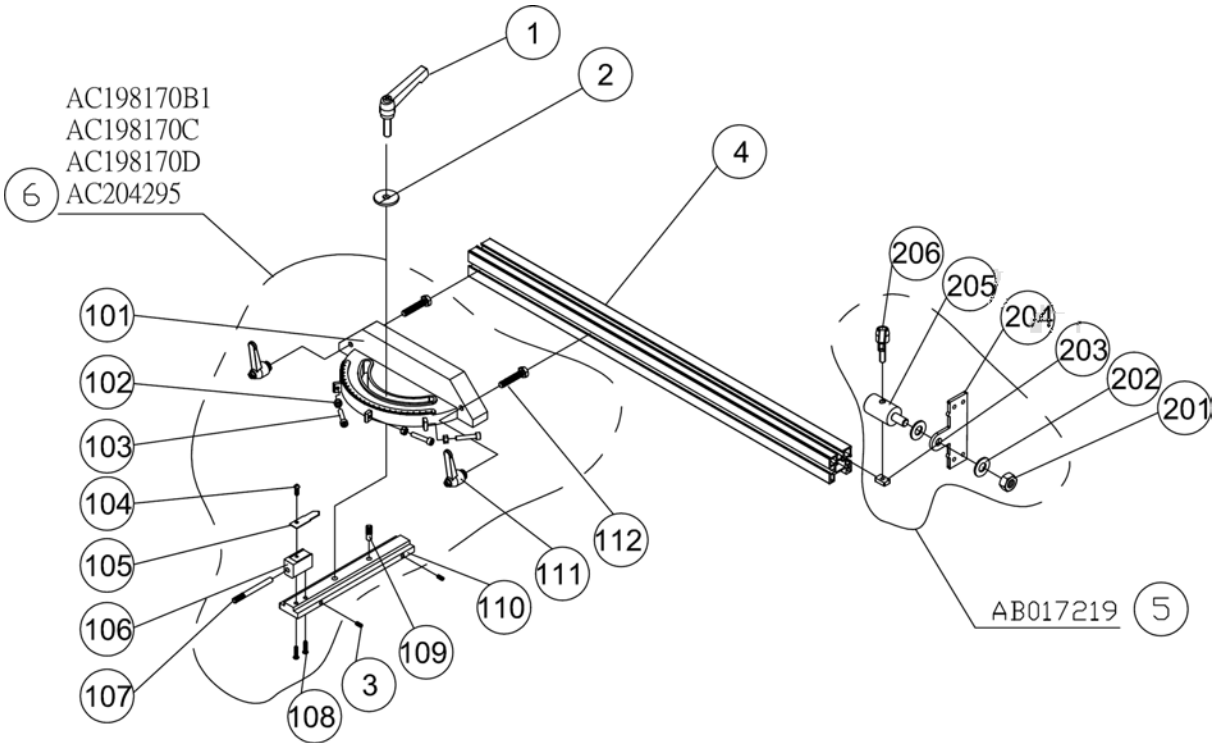
ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	200939	Handle		1	
2	WF123030	Washer	M12x30	1	
3	992496	Plastic Washer	φ13x φ25	1	t=2
4	201849	T-Nut	M12x1.75p	1	



ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	200939	Handle		1	
2	WF123030	Washer	M12x30	1	
3	992496	Plastic Washer	φ13xφ25	1	t=2
4	201855	T-Nut	M12x1.75p	1	

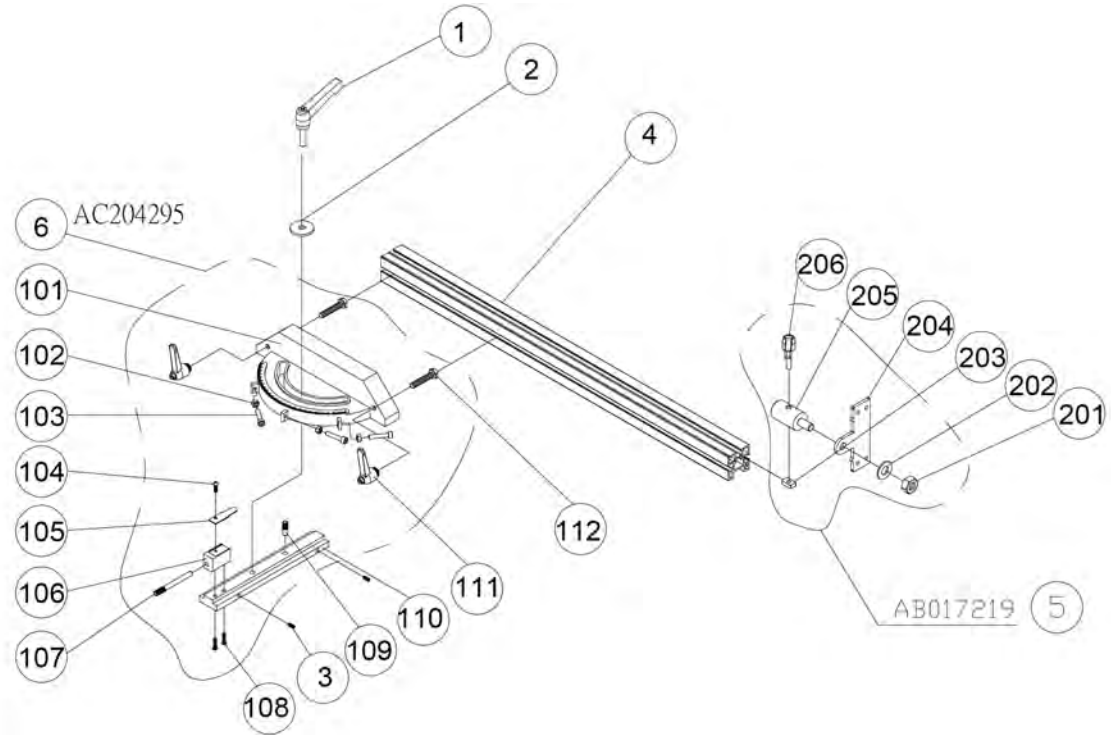


ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	AB201830	Edge Shoe Plate Assembly		1	
101	201830	Edge Shoe Plate		1	
102	PS051800	Spint Pin	φ5xφ18	1	
103	WF102025	Washer	M10x25	1	
104	203718	Knob	M10	1	
105	201829	T-Nut	M10x1.5p	1	



ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	200814	Fasten Handle		1	
2	WF083030	Flat Washer	M8×ϕ30	1	
3	201632	Spring plungers with ball	M4×9	2	
4	017210	Square Fence		1	
5	**AB017219**	**Stop Plate Assembly**		**1**	**A, OPT.**
201	NL101700	Lock Nut	M10	1	
202	200069	Fiber Washer	M10×M1×1.0T	2	
203	NS061000	Square Nut	M6	1	
204	017219	Stop Plate		1	
205	200343	Lock Shaft		1	
206	200415	Adjust Handle	M6×30	1	
6	**AC198170B1**	**Miter Gauge Assembly**		**1**	**OPT., B1**
	AC198170C	**Miter Gauge Assembly**		**1**	**OPT., C**
	AC198170D	**Miter Gauge Assembly**		**1**	**OPT., D**
	AC204295	**Miter Gauge Assembly**	**1600mm**	**1**	**OPT. , A**
101	198170	Miter Gauge Body		1	
102	NH050800	Hex Nut	M5	3	
103	SR050500	Cap Screw	M5×25	3	
104	SP049300	Pan Head Bolt	M4×12	1	
105	201366	Pointer		1	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
106	201365	Fixed Block		1	
107	201367	Stop Bar		1	
108	SP049400	Pan Head Bolt	M4×16	2	
109	198174	Shaft		1	
110	**201364B1**	**Fixed Base**		**1**	**OPT., B1**
	205721	**Fixed Base**		**1**	**OPT., C**
	205829	**Fixed Base**		**1**	**OPT., D**
	204295	**Fixed Base**		**1**	**OPT. , A**
111	017003	Adjust Handle		2	
112	SH060600	Hex Head Bolt	M6×30	2	



ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
1	200814	Fasten Handle		1	
2	WF083030	Flat Washer	M8×φ30	1	
3	201632	Spring plungers with ball	M4×9	2	
4	017210	Square Fence		1	
5	**AB017219**	**Stop Plate Assembly**		**1**	**A, OPT.**
201	NL101700	Lock Nut	M10	1	
202	WF102025	Flat Washer	M10×φ20	1	
203	NS061000	Square Nut	M6	1	
204	017219	Stop Plate		1	
205	200343	Lock Shaft		1	
206	200415	Adjust Handle	M6×30	1	
6	**AC204295**	**Miter Gauge Assembly**		**1**	**A, OPT.**
101	198170	Miter Gauge Body		1	
102	NH050800	Hex Nut	M5	3	
103	SR050500	Cap Screw	M5×25	3	
104	SP049300	Pan Head Bolt	M4×12	1	
105	201366	Pointer		1	
106	201365	Fixed Block		1	
107	201367	Stop Bar		1	
108	SP049400	Pan Head Bolt	M4×16	2	

ITEM	PART NO	PARTS NAME	SIZE	Q`TY	NOTE
109	198174	Shaft		1	
110	204295	Fixed Base		1	
111	017003	Adjust Handle		2	
112	SH060700	Hex Head Bolt	M6×35	2	