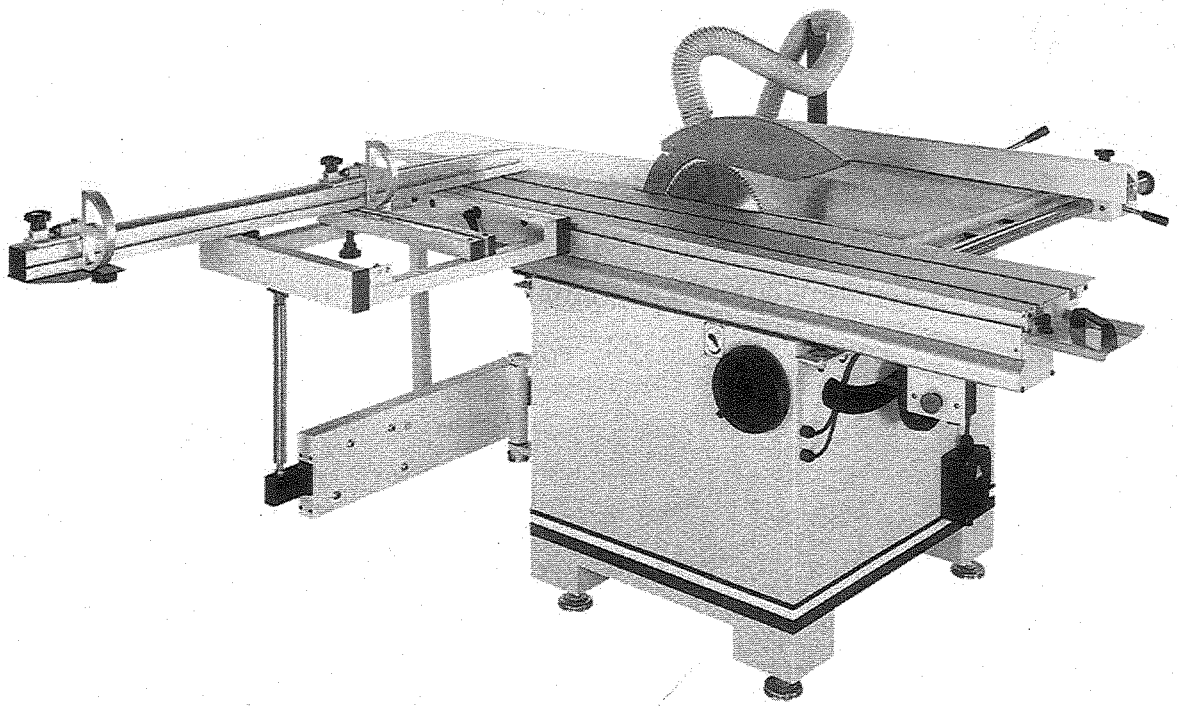
12" PANEL SAW
INSTRUCTION MANUALS

SS160



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General Information

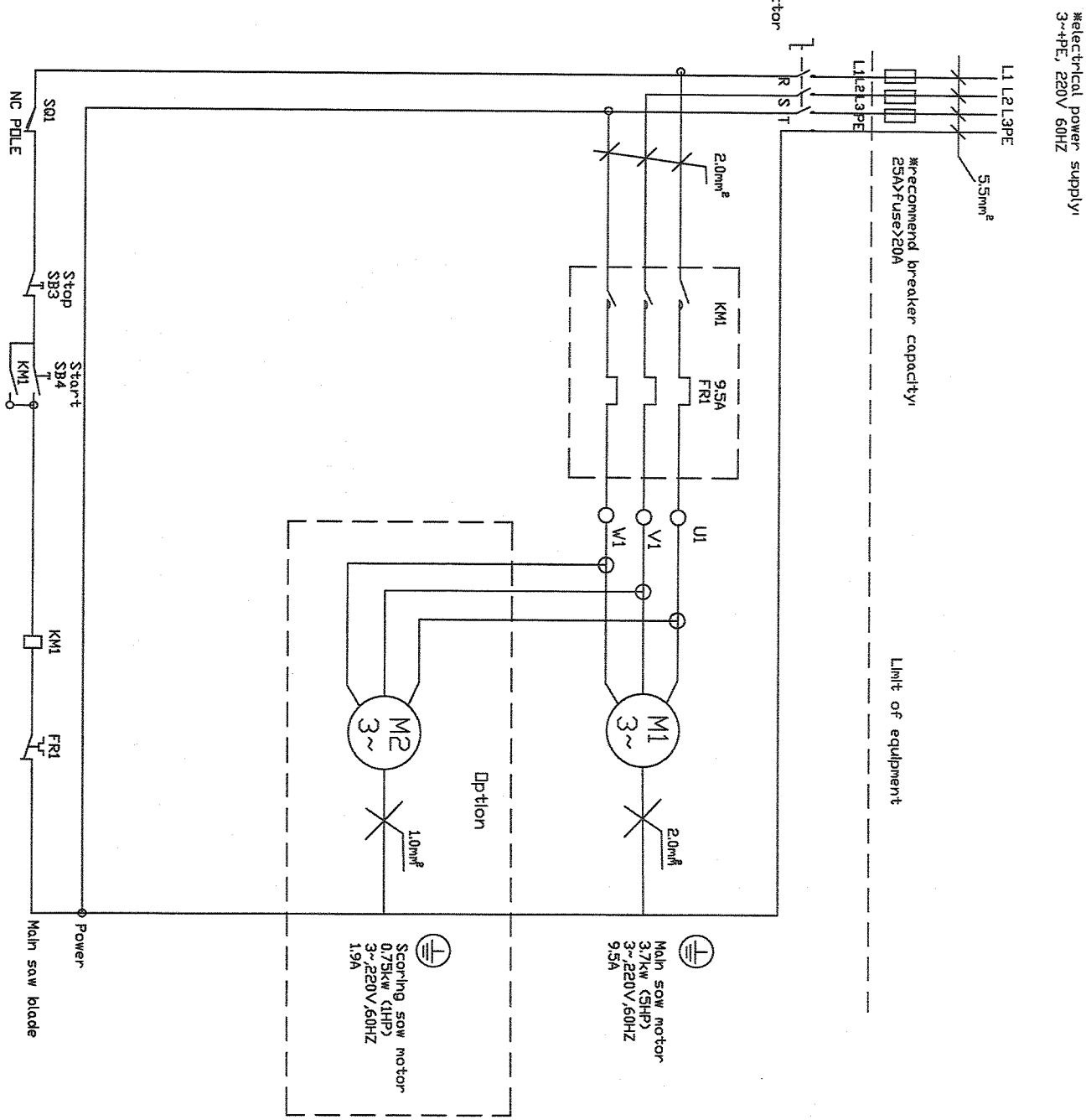
OAV equipment & tools, inc. is specialized to supply full series of panel saw from 1600, 2300, 2500 to 3200mm. The outlook design of this machine is so unique, complete cast iron trunnion bracket instead of sheet metal, enlarged outtirgger and carriage, direct dust collection outlet. term its overall 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

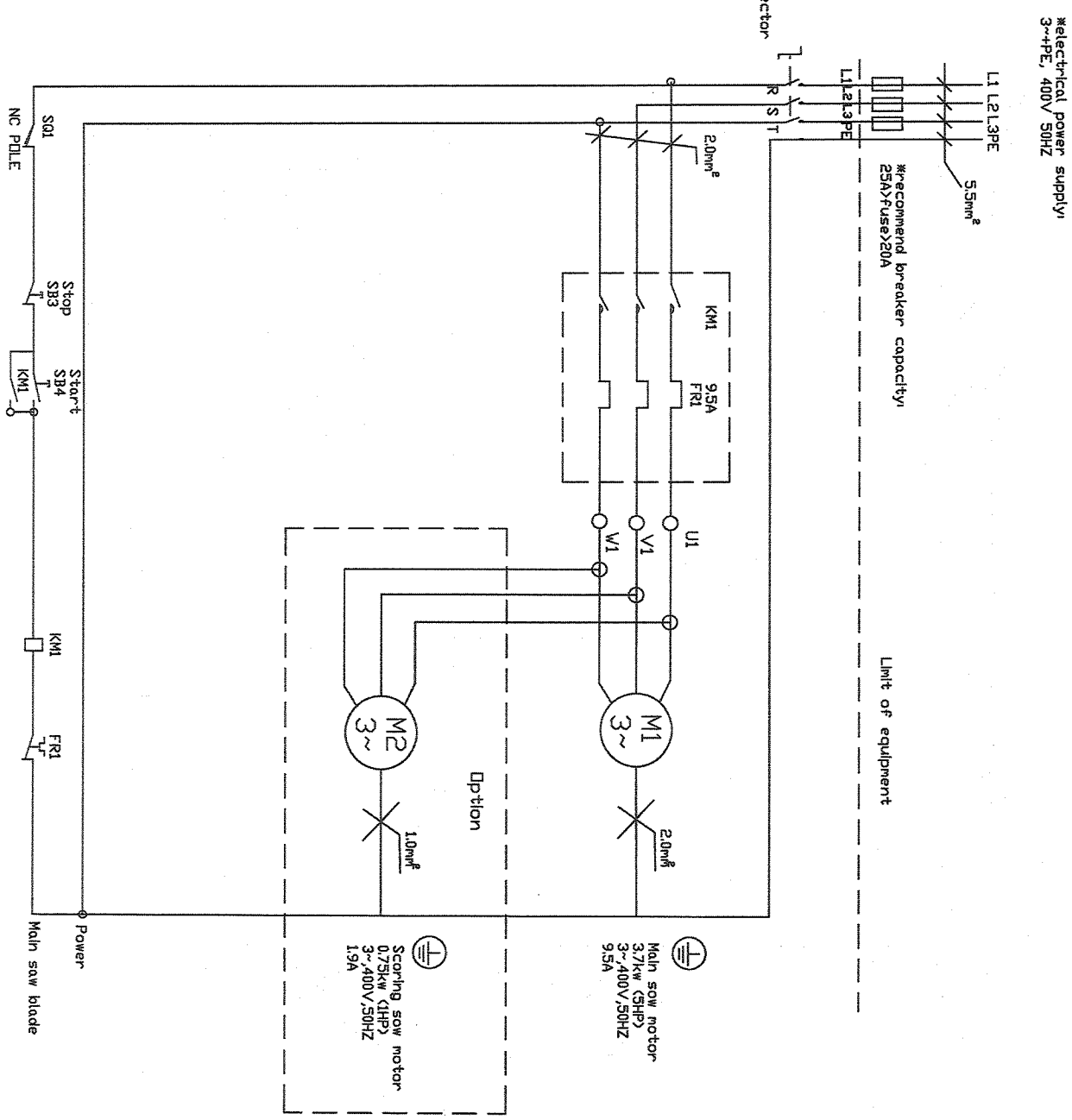
For your own safety read instruction manual before operating

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.

Wiring diagram for UL Model



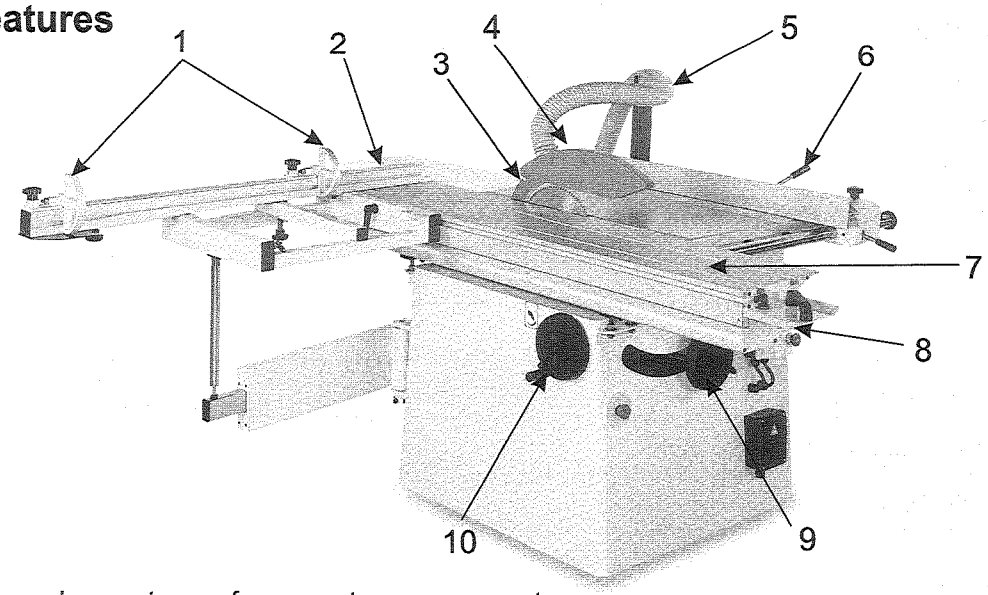
Wiring diagram for CE Model



Specification Sheet

Model		SS-160	SS-160 CE
Sliding table dimension		63"x12-7/16"	1600x316 mm
Max. sliding stroke w/crosscut fence		63"	1600 mm
Max. sliding stroke w/o crosscut fence		74-7/8"	1900 mm
Table height		36"	915mm
Table size (table w/ext. Wing)		Table 15"x 32-5/8" (30-3/4"x61")	W:400mmxD:830mm (1000mmx1690mm)
Main saw	Max saw blade diameter	12"	305mm
	Saw blade arbor diameter	1" (CSA)	30mm (CE)
	Cutting height at 90, 45°	3-3/4". 2-5/8"	94mm, 67mm
	Motor power	5HP/3PH	3.75KW/3PH
	Spindle RPM	4000 (Motor RPM 3450)	4000 (Motor RPM 2850)
Scoring saw	Saw blade diameter	4-3/4"	120 mm
	Saw blade arbor diameter	7/8"	20 mm
	Cutting height at 90, 45°	1/16", 1/8"	5, 3 mm
	Motor power		
	Spindle RPM	8000 (Motor RPM 3450)	8000 (Motor RPM 2850)
Ripping width		32 5/8"	835mm
Crosscut width		54",98-3/8"	1380/2500mm
Blade height adjustment		Manual	
Blade tilting adjustment		Manual, 0-45°	
Electric control system		Magnetic switch	CE norm braking switch
Dust collection system		Main channel 4" (100 mm), saw blade guard extract 2-1/2" (60 mm)	
N.W., Measurement		594/788lbs-machine, 99/112lbs-table	270/385kgs-machine, 45/51 kgs-table
Standard Accessories		Fence body and high/low extruded profile rip fence	
		Sheet metal extension table 600x830x60m/m -R, 300x860x40m/m -F	
		One pc type saw blade guard	
		Scoring Blade	
Optional		Saw blade hose support plate and hose (as option)	
		Hold down (as option)	
		Miter Fence (as option)	
		Main Blade (as option)	
		Edge shoe (as option)	
Due to needs of continuous improvement, specifications are subject to change without prior notice.			

Main Features



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 blade.
5. Hose Support Plate and Hose : To collect the dust chip efficiency
6. Cast Iron Rip Fence : Micro adjustment for smooth and precise cutting
7. Sliding table : Double roller carriage with steel bar guidance for smooth cutting, precise sliding table glides the workpiece through the blade.
8. Control Panel : Simple push button controls for operation
9. Blade angle adjusting handwheel : Manual adjusts the angle of saw blade
10. Blade height adjusting handwheel :Manual adjusts the height of saw blade

Assembly and set up

(1) Control panel

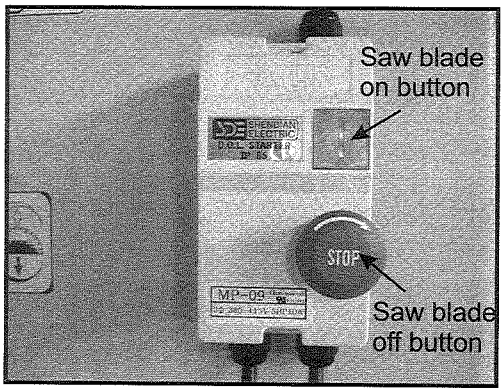


Fig. 1

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.

(2) Rip fence

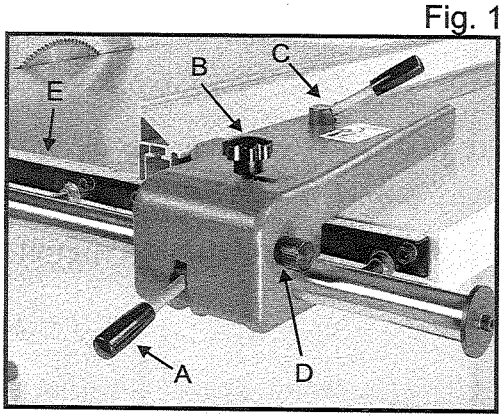


Fig. 2

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.

(3) Hold Down

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

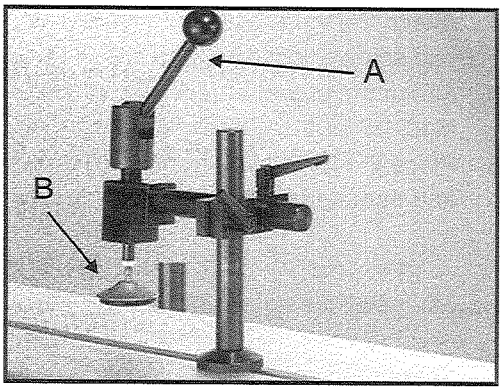


Fig. 3

(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.

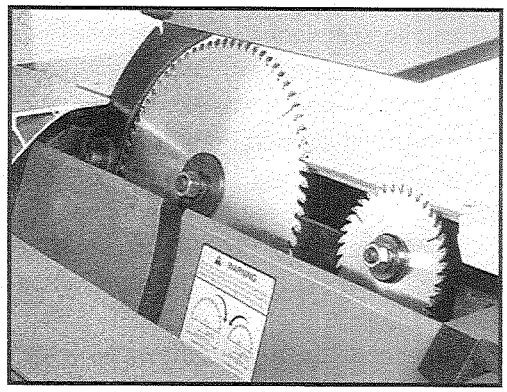


Fig. 4

(5) Moving & fixing the base unit

1. Remove the top of the crate
2. Position the forklift forks and directly above the saw.
3. Put two lifting straps over the forks and attach the ends to the lifting botls on the machine.
4. Lift and move the saw base to right location.
5. Before lowering the saw into the position, place blocks under the frame and thread the four foot studs into the frame at least half of their length.
6. Remove the safety blocks and lower the saw nit onto the feet (fig. 5) and remove the fork-lift strap.
7. Place a level on the saw table and adjust foot studs until the saw is level from left to right and from front to-back to make the table slide smoothly.
8. Lock the foot studs in position by tightening nuts.

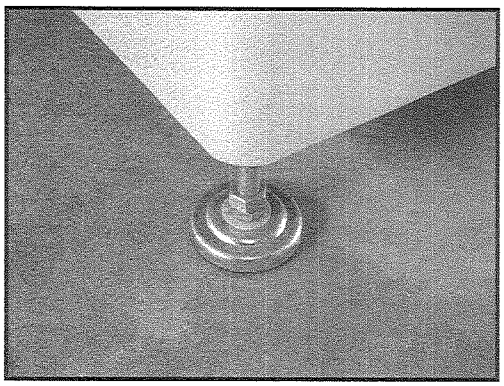


Fig. 5

(6) Extension Tables content

1. Large extension table x 1pc
2. Small extension table x 1pc
3. Hose support plate x 1pc
4. Support brace x 1pc
5. Cap screws M10-1.5 x 30 x 4pcs, M10-1.5 x 20 x 6pcs
6. Hex nuts M10-1.5 x 2pcs
7. Lock washers 10mm x 10pcs
8. Flat washers 10mm x 6pcs
9. Set screws M6-1 x 12pcs

How to install the extension tables.

1. Thread the set screws into the 6mm holes from the inside of both extension tables.
2. Before the tables are leveled please don't completely tighten the bolts in follow steps.
3. Attach the large extension table with four M10-1.5 x 20 cap screws, lock washers and flat washers (Fig.6)

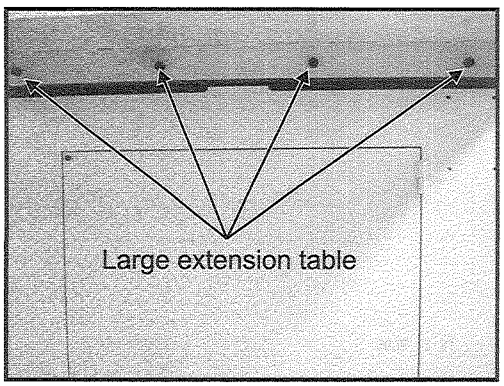


Fig. 6

4. Attach the small extension table with two M10-1.5 x 20 cap screws, lock washers and flat washers (Fig. 7)
5. Attach the support brace (Fig.8) to the table with 3pcs M10-1.5 x 30 cap screws and lock washers.
6. Place the hose support plate over the support brace and thread M10-1.5 x 30 cap screws with lock washers.

How to install the extension tables.

1. Thread the set screws into the 6mm holes from the inside of both extension tables.
2. Before the tables are leveled please don't completely tighten the bolts in follow steps.
3. Attach the large extension table with four M10-1.5 x 20 cap screws, lock washers and flat washers (Fig.6)
4. Attach the small extension table with two M10-1.5 x 20 cap screws, lock washers and flat washers (Fig. 7)
5. Attach the support brace (Fig.8) to the table with 3pcs M10-1.5 x 30 cap screws and lock washers.
6. Place the hose support plate over the support brace and thread M10-1.5 x 30 cap screws with lock washers.
7. Check the surfaces 0° the table with a straightedge (Fig. 9)
8. Assemble the support bracket into extension table (left) then adjust the leveling screw of foot studs in order to make left ext. Table is parallel with saw table.

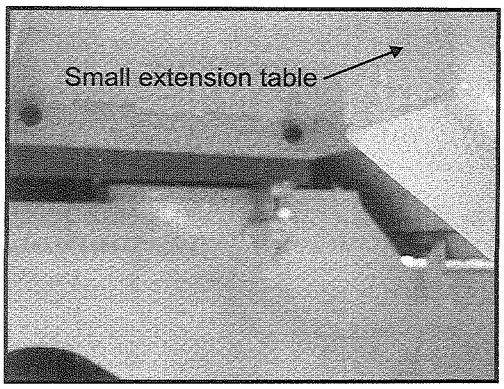


Fig. 7

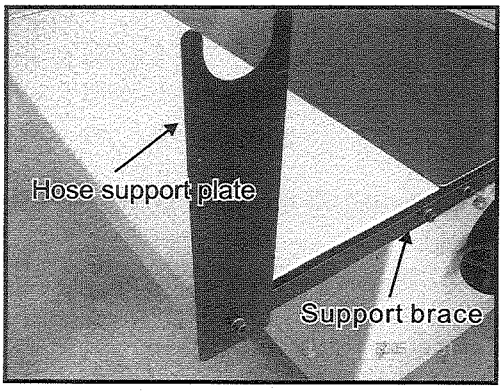


Fig. 8

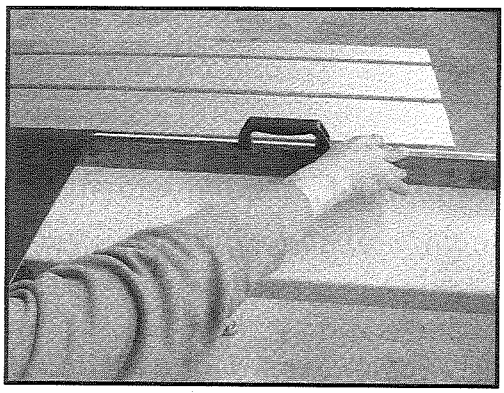


Fig. 9

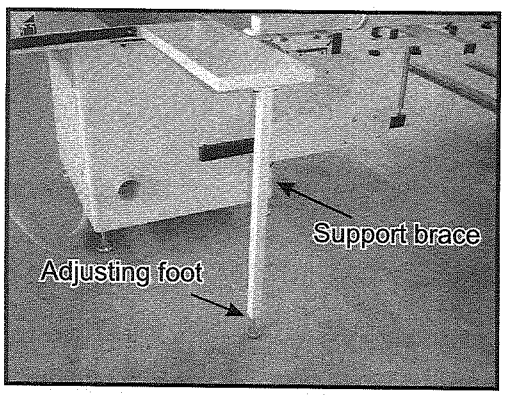


Fig. 10

(7) Scale adjustment

1. Loosely thread 3pcs M6 x 20 hex nuts with lock and flat washers through the scale and into table. (Fig 11)
2. Tight the cap screws to the extension table with M6 hex nuts.
3. Line the scale up with the top of the table and tighten the hex nuts

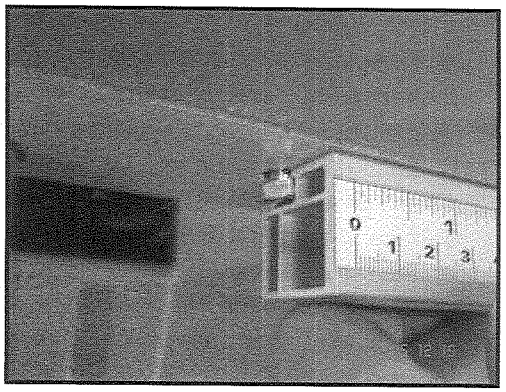


Fig. 11

(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

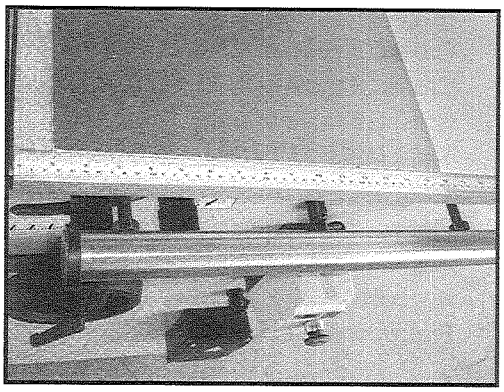


Fig. 12

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.

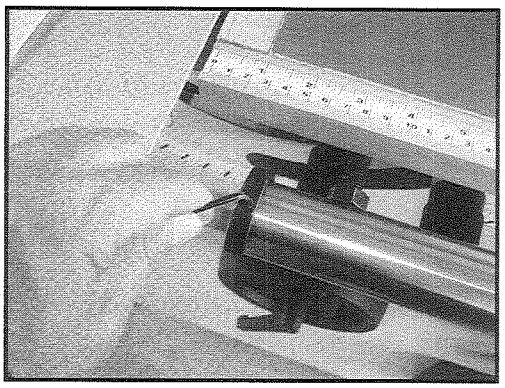


Fig. 13

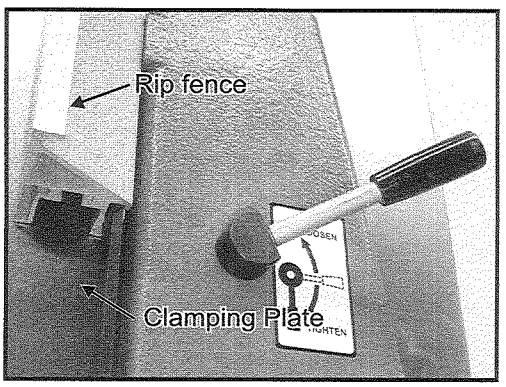


Fig. 14

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.

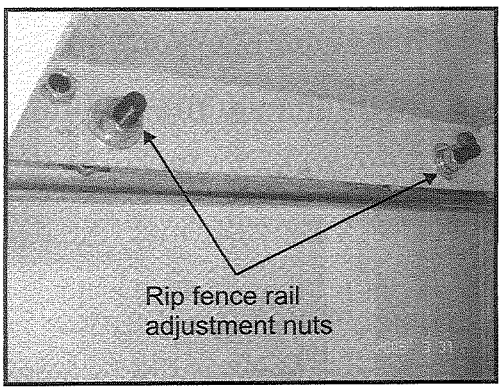


Fig. 15

(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

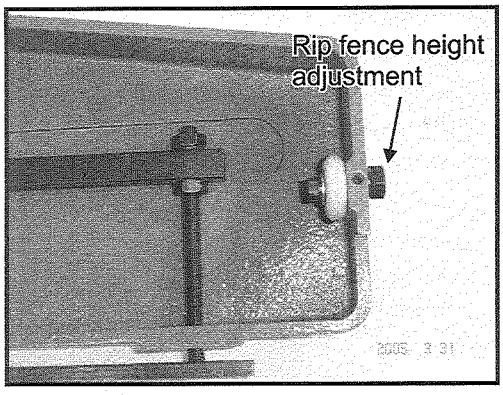


Fig. 16

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)

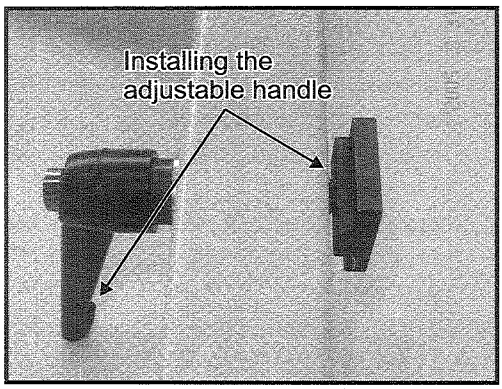


Fig. 17

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)

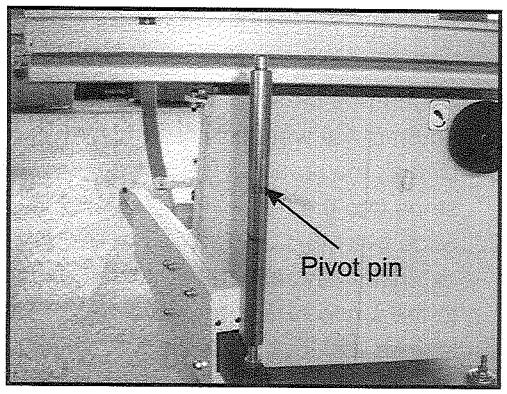


Fig. 18

(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

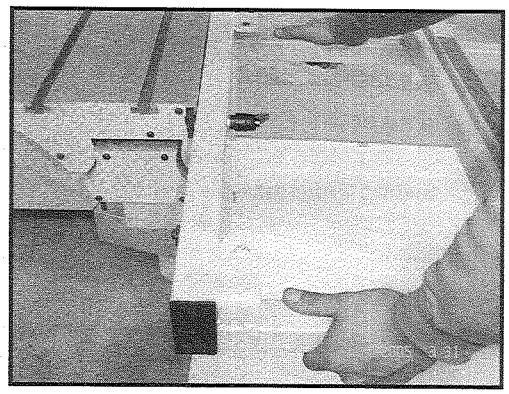


Fig. 19

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.

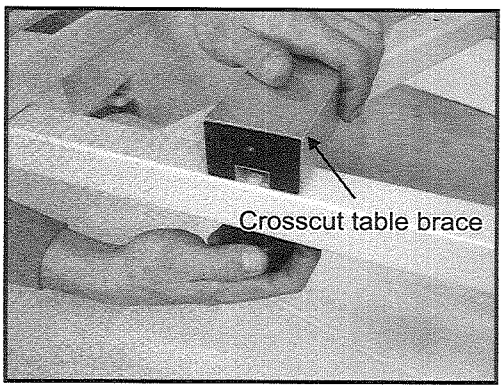


Fig. 20

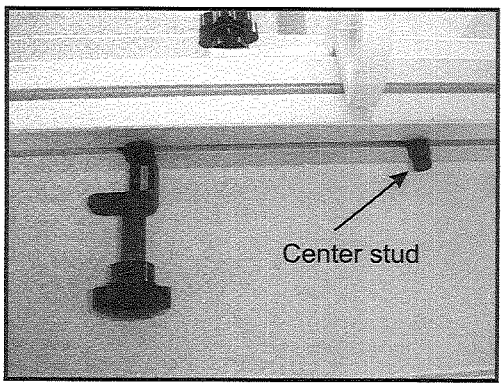


Fig. 21

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 (Fig. 24)
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.

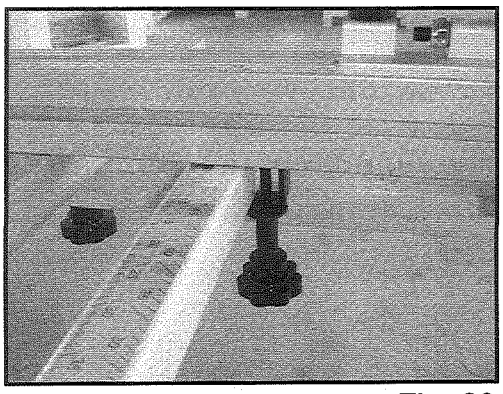


Fig. 23

(11) Sliding Table

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

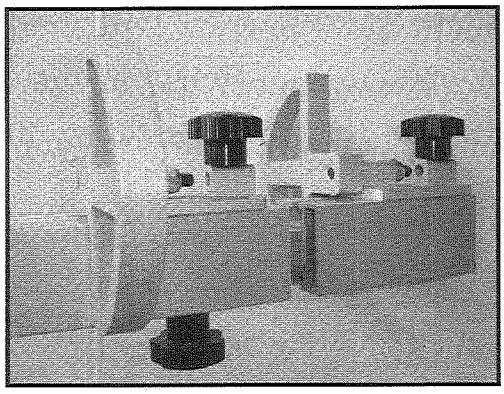


Fig. 24

1. Remove the shipping brace and the screws indicated. Set the screws aside, install the lock plate (fig. 25) using 4 of the screws removed in the previous step.
2. Install the lock plate (Fig. 26) using 4 of the screws removed in the previous step.

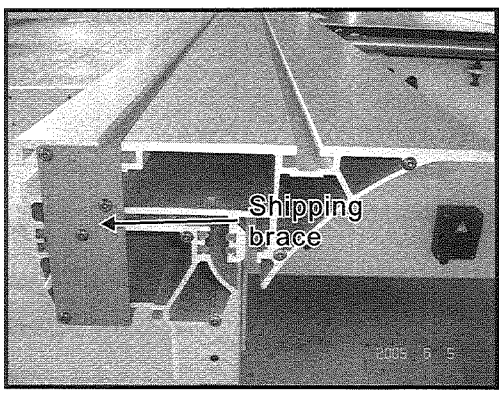


Fig. 25

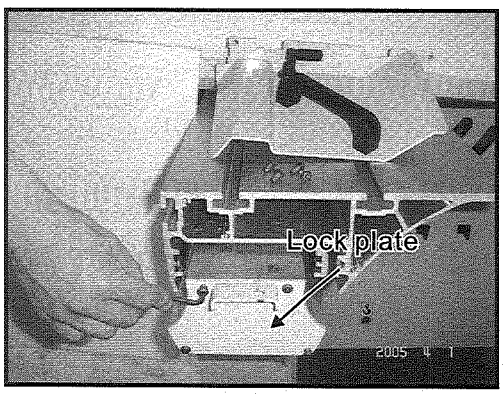


Fig. 26

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 180 degree 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.

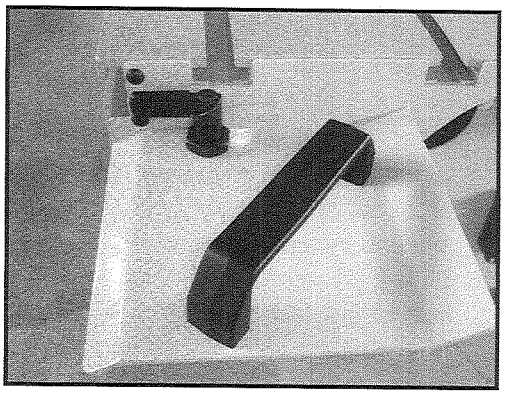


Fig. 27

(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 (Fig. 31), lift the scoring motor and slide the flat belt over the scoring motor pulley.(Option)

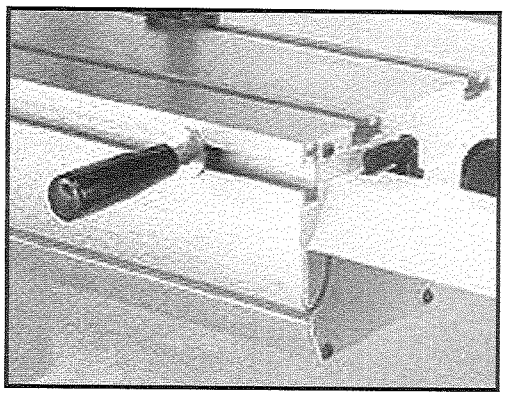


Fig. 28

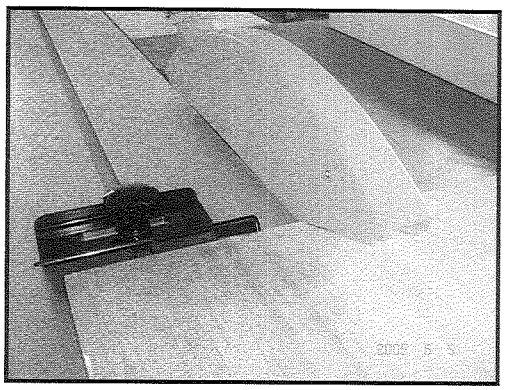


Fig. 29

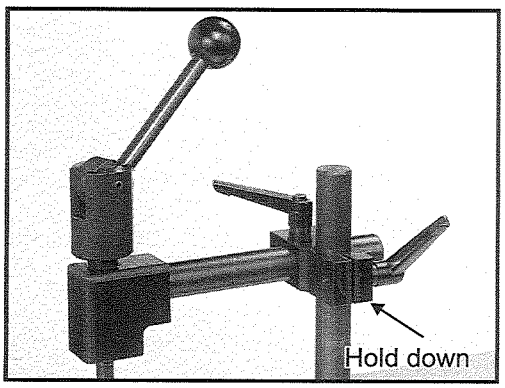


Fig. 30

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. 32)
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.
6. Slide the blade over the arbor with the teeth facing the front of the saw (Fig. 33)
7. Re-install the arbor flange and the arbor nut and tighten them against the blade (Fig. 33)
8. Loosen the riving knife center bolt, slide the riving knife over the bolt (Fig. 34) and slightly tighten.

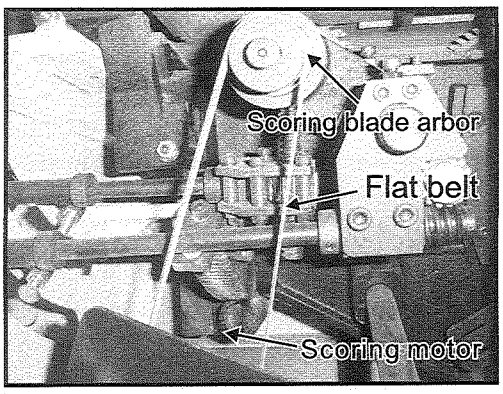


Fig. 31

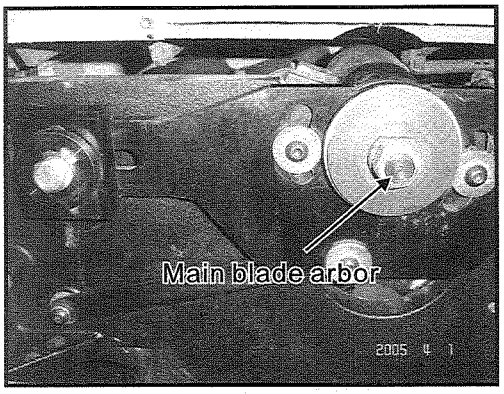


Fig. 32

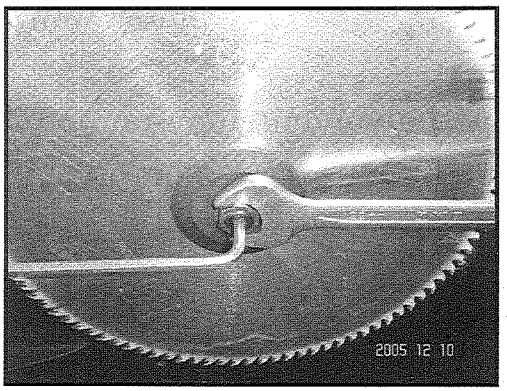


Fig. 33

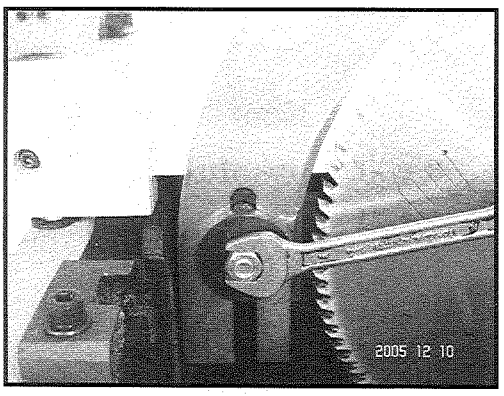


Fig. 34

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.

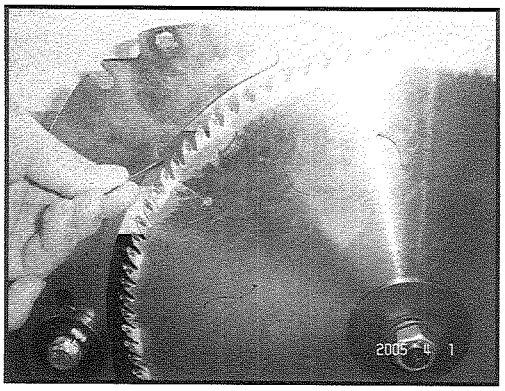


Fig. 35

(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 the scoring blade vertical adjustment knob shown (Fig. 36) to raise the blade to its highest point.
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.

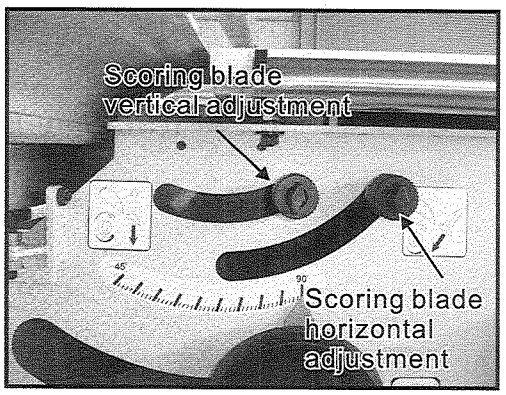


Fig. 36

(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.

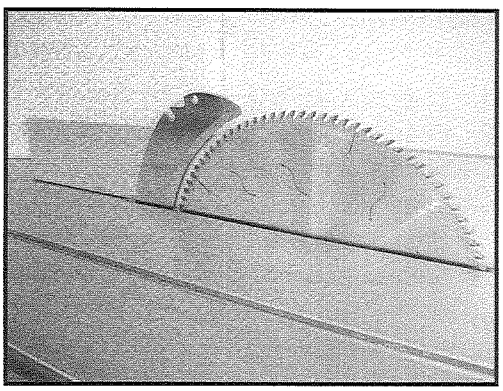


Fig. 37

(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

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 2-1/2" hose over the hose support (Fig. 40) and connect 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.

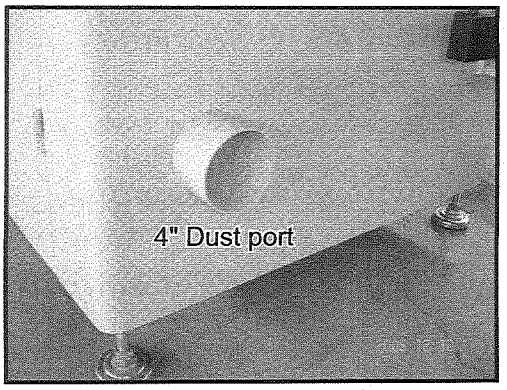


Fig. 38

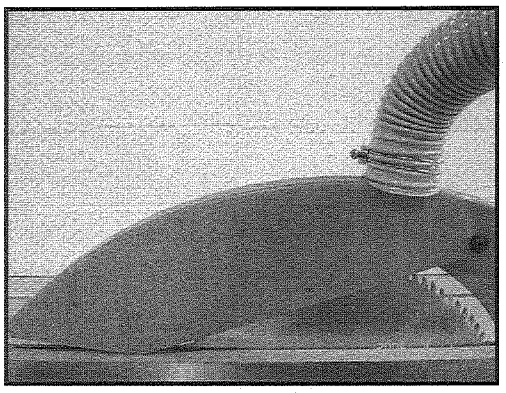


Fig. 39

(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.

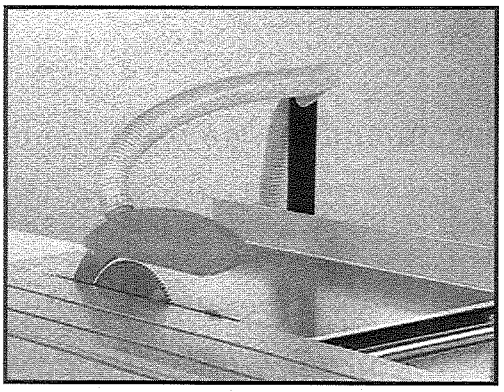


Fig. 40

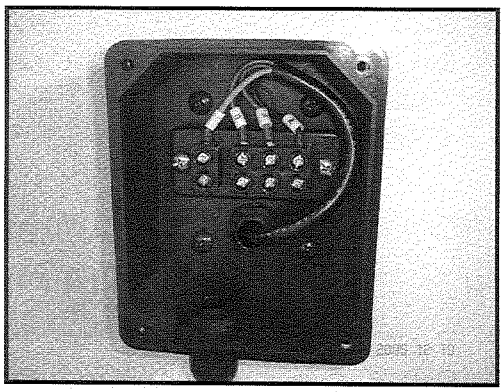


Fig. 41

(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 workpiece.
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.

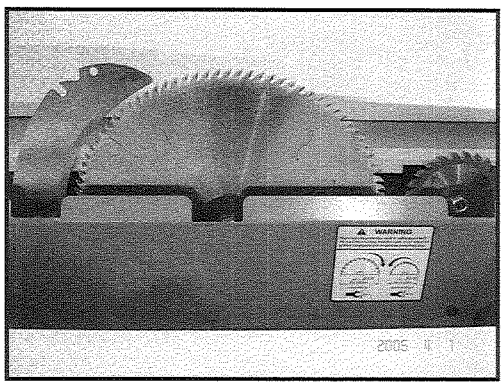


Fig.42

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.)

6. Slide the blade over the arbor with the teeth facing the front of the saw (Fig. 43)
7. Install the new blade, re-install the arbor flange and the arbor nut and tighten them against the blade. (Fig. 43)

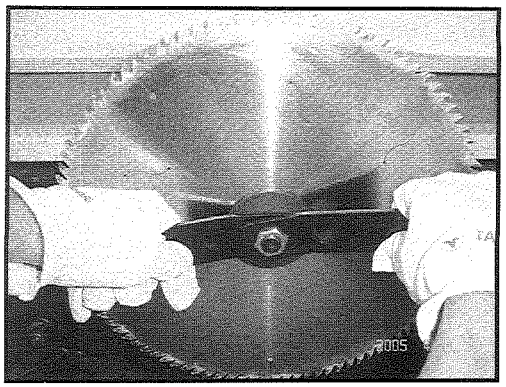


Fig.43

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

8. 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 size is changed (12" or 10" blade), then riving knife must be adjusted to 3mm away from the blade you install.

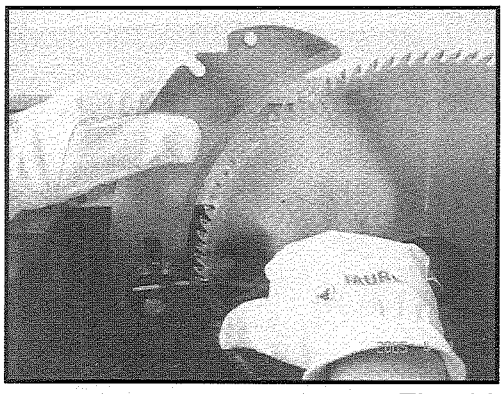


Fig. 44

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 sliding table to center.

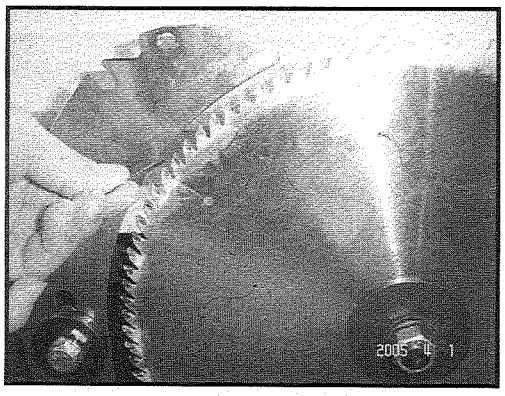


Fig. 45

(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 remove the scoring blade set, use the arbor wrench to remove the arbor nut and arbor flange. (the arbor nut has right hand threads and loosens by turning counterclockwise.
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.

(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)

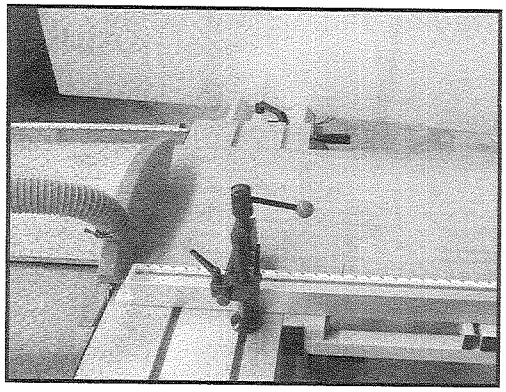


Fig. 46

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.

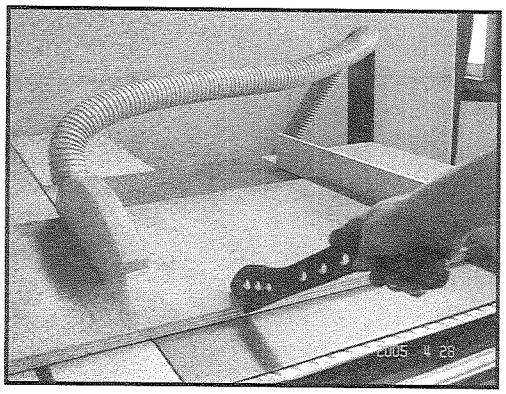


Fig. 47

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.

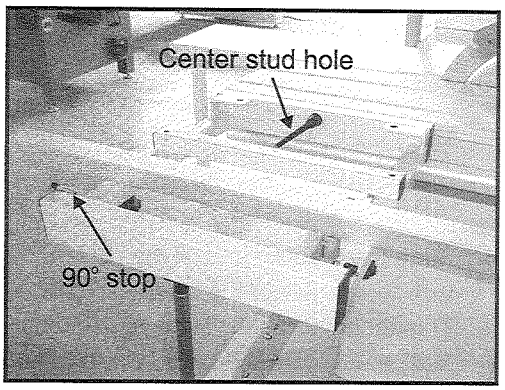


Fig. 48

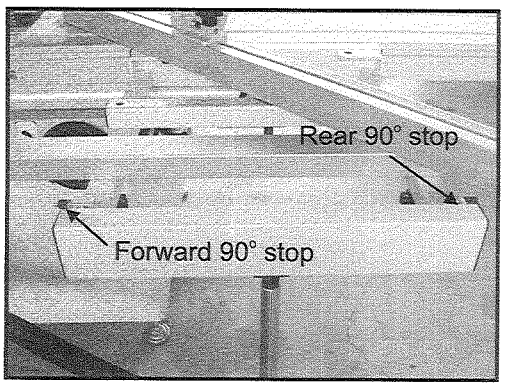


Fig. 48-1

Trading Table Saw Cutting

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

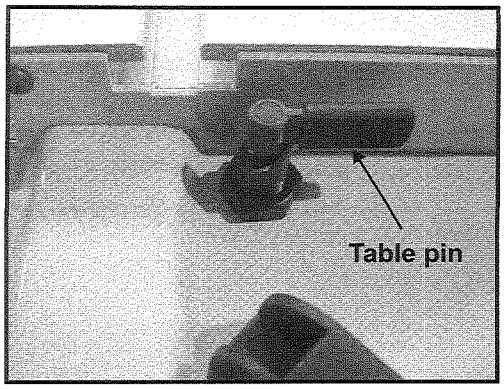


Fig. 49

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.

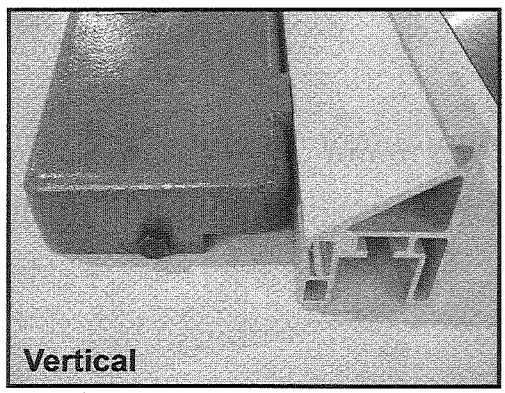


Fig. 50

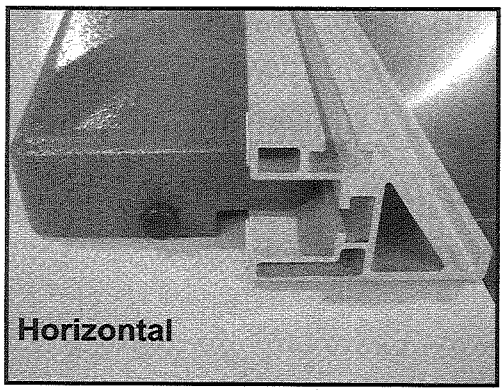


Fig. 51

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.

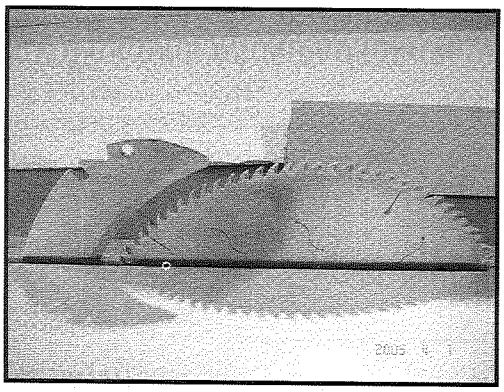


Fig. 52

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.

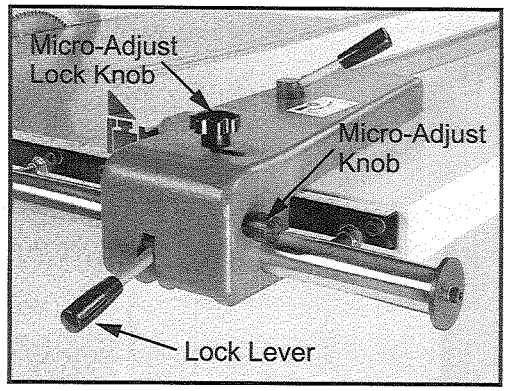


Fig. 53

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)

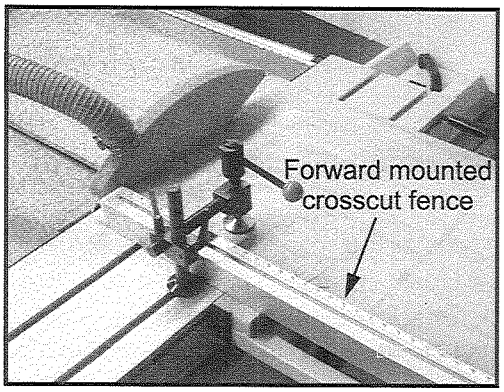


Fig. 54

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

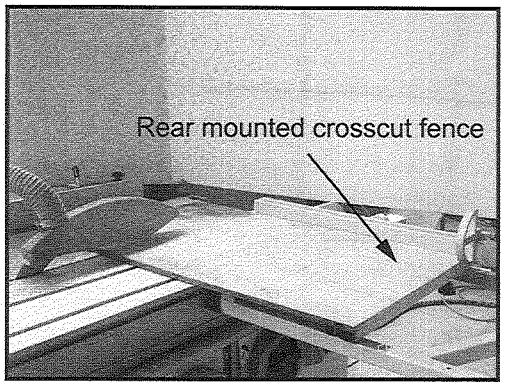


Fig. 55

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

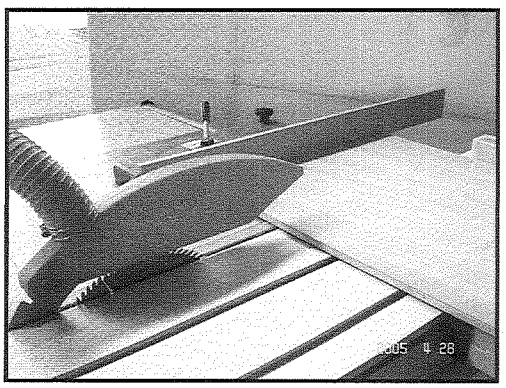


Fig. 56

Crosscutting full size panels

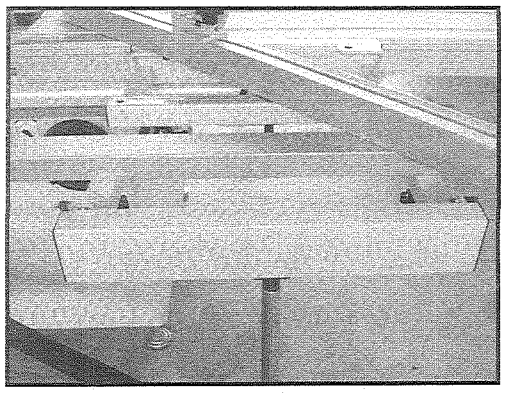


Fig. 57

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.

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.

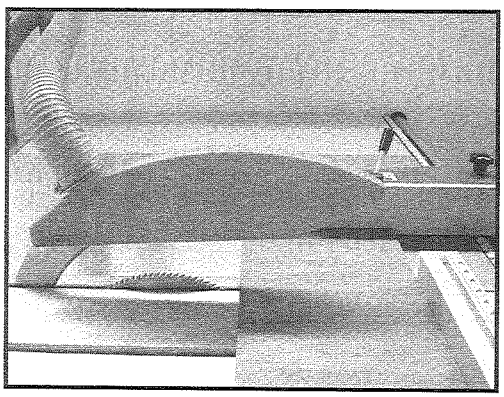


Fig. 58

(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.

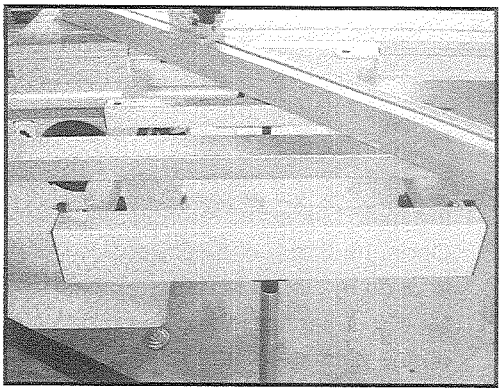


Fig. 59

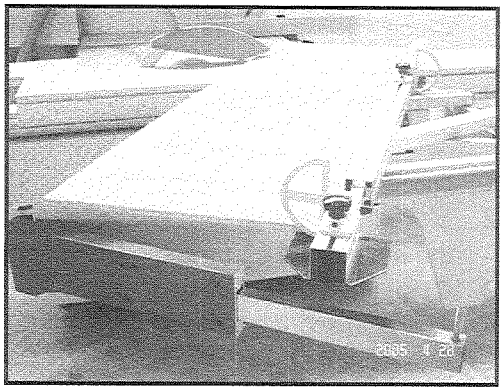


Fig. 60

(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

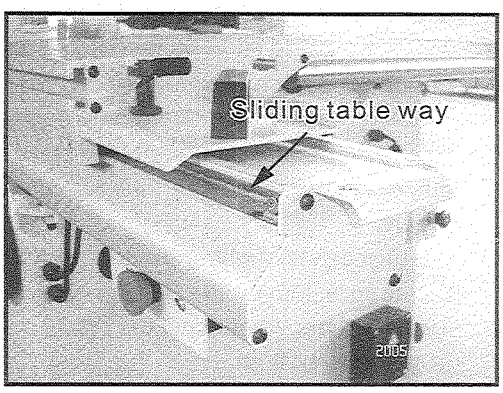


Fig. 62

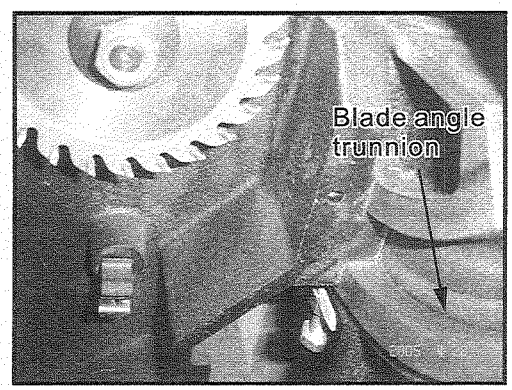


Fig. 61

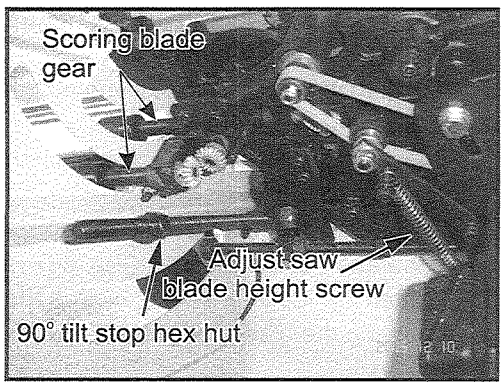


Fig. 63

(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-belts 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.

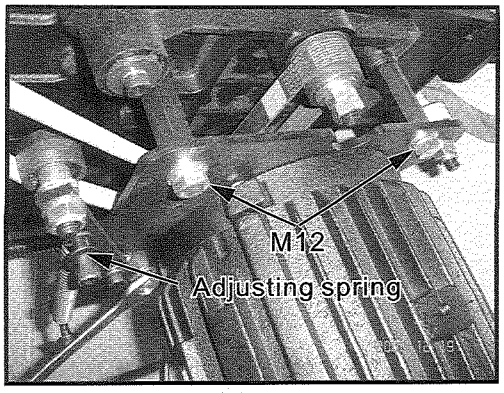


Fig. 64

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.
6. Close and secure the motor cabinet door.

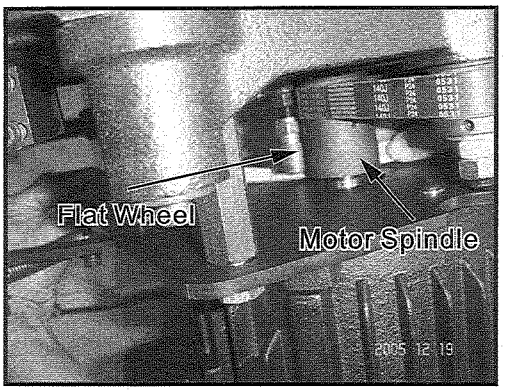


Fig. 64-1

(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°.

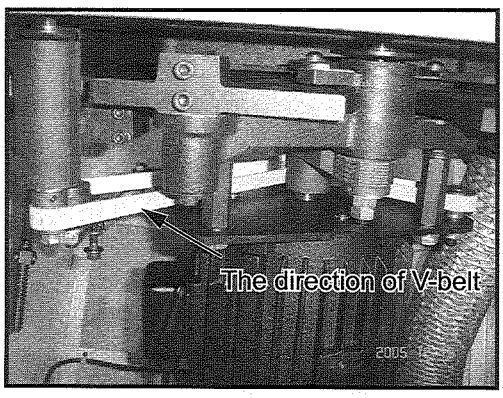


Fig. 65

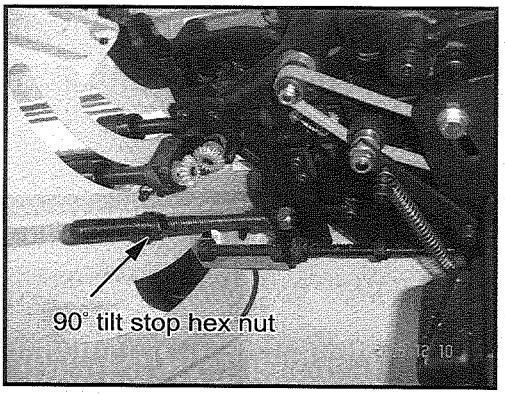


Fig. 66

(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. 69) 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. 66-1

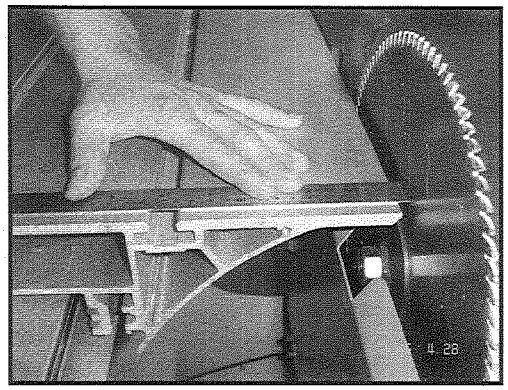


Fig. 67

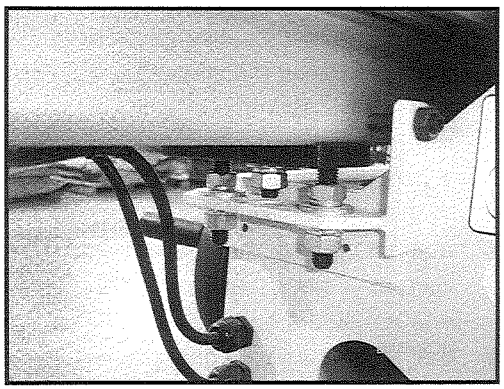


Fig. 68

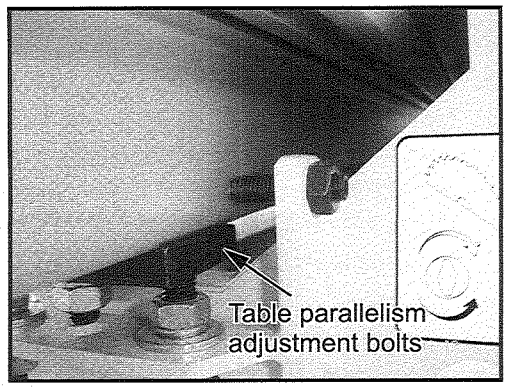


Fig. 69

(11) Squaring Crosscut Fence to Blade

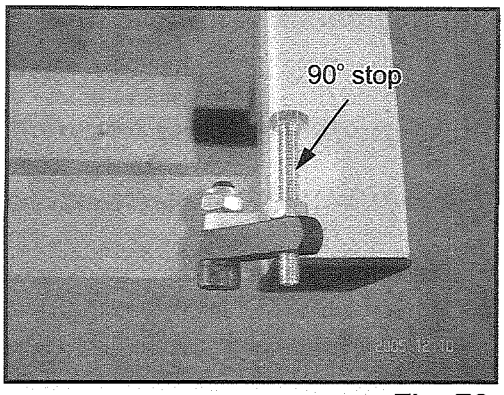


Fig. 70

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

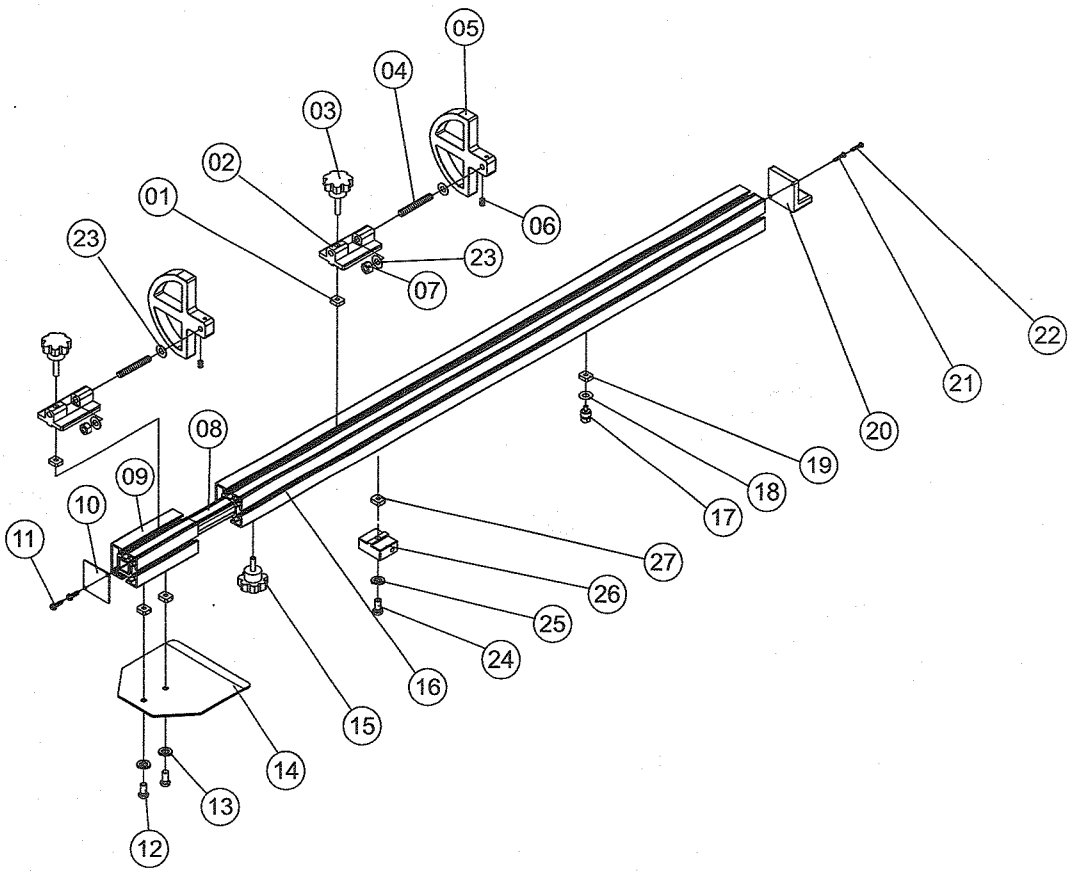
1. Check the switch is being depressed fully.
2. Check the electrical power cord is plugged into the power outlet.
3. Check the electrical supply is on (reset)
4. With the power disconnected from the machine, check that the wiring in the plug is correct. Check that the rubber insulation is stripped enough 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.

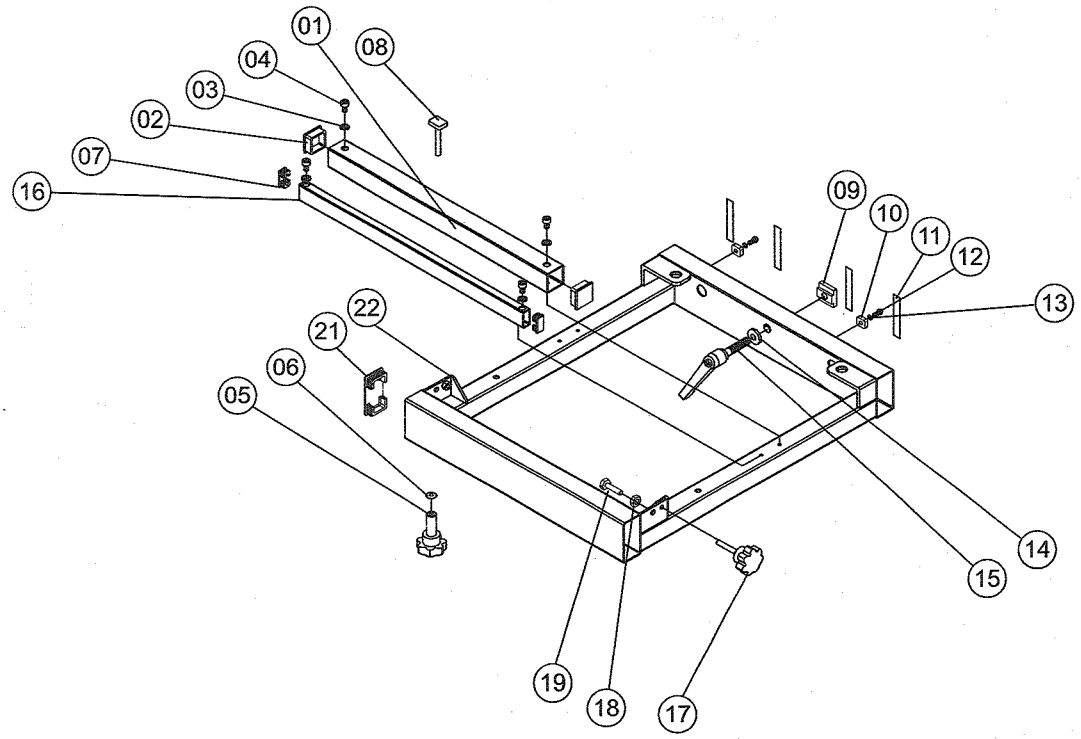
If any trouble you cannot solve it from above solutions, please call your senior engineer or contact the agent which you ordered this machine.

ASSEM01

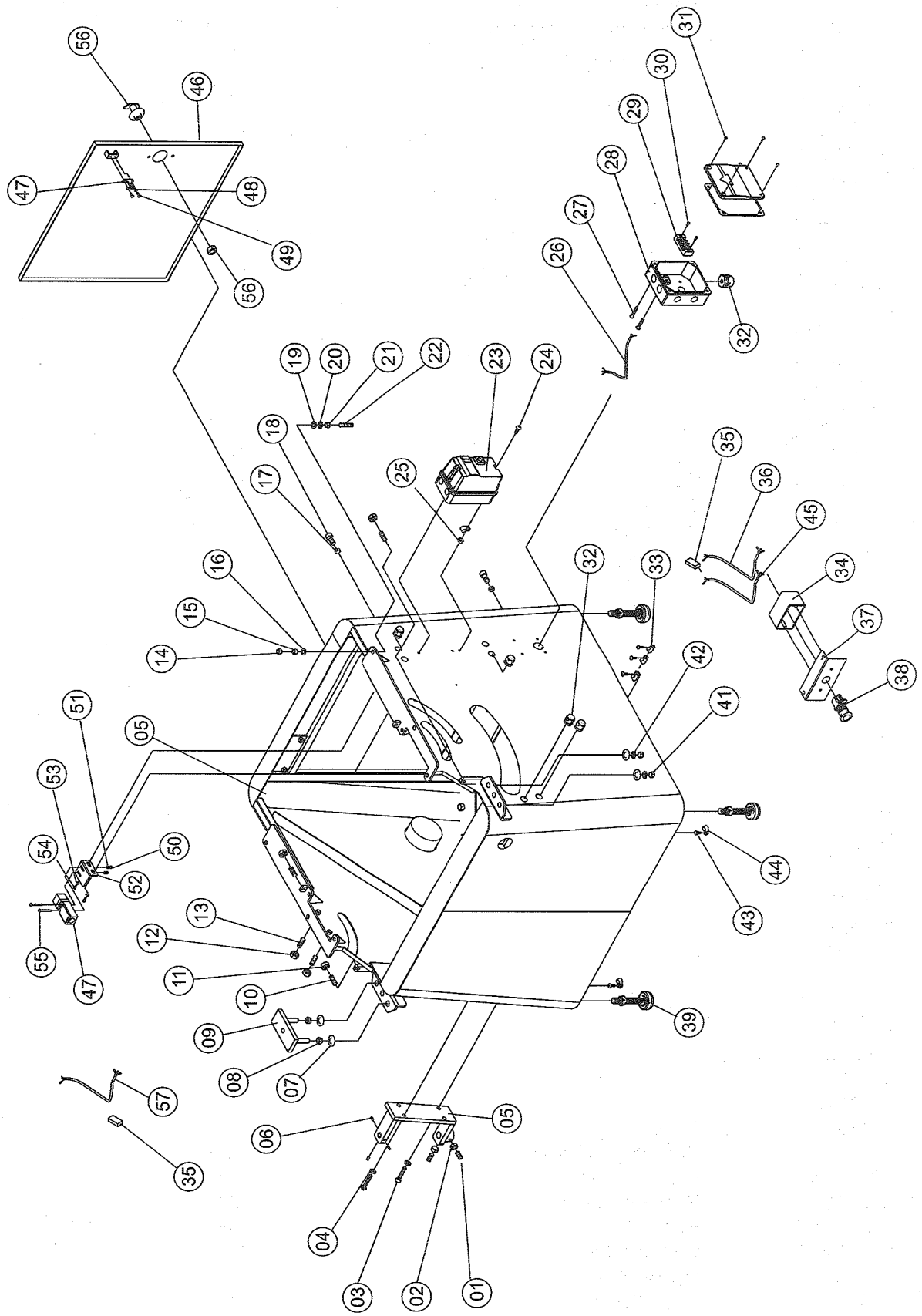


ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	201103	T-Nut	M8x1.25p	4
2	200826	Stop Bracket		2
3	200827	Knob	M8x1.25px40L	2
4	200824	Screw		2
5	200823	Flip Stop		2
6	SS060200	Setscrew	M6x10	2
7	NL101700	Lock Nut	M10	2
8	201257	Square Tube		1
9	200821	Ext. Fence		1
10	200830	Cover		1
11	ST040200	Phillips Head Sheet Metal Screw	M4x10	2
12	SJ089400	Button Head Screw	M8x16	2
13	WS080000	Lock Washer	M8	2
14	200829	Locate Plate		1
15	200937	Knob Screw	M8x1.25px25L	1
16	201256	Square Fence		1
17	200832	Rotate Shaft		1
18	200069	Fiber Washer	10x18	1
19	201103	T-Nut	M8x1.25p	1
20	200947	Rotate Block		1
21	SP040200	Pan Head Screw	M4x10	1
22	SP040700	Pan Head Screw	M4x35	1
23	200069	Fiber Washer	10x18	4
24	SR080600	Cap Screw	M8X30	1
25	WS080000	Lock Washer	M8	1
26	201465	Block		1
27	201103	T-Nut	M8x1.25p	1

ASSEM02



ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	201253-3	Square Pipe		1
2	200969	Plug	38x38	2
3	WS060000	Lock Washer	M6	2
4	SR060500	Cap Screw	M6x10	2
5	200952	Knob Screw	M8x55	1
6	WF083030	Washer	M8X30	1
7	201919	Plug	40X20	2
8	200953	T-Nut	M8x1.25p	1
9	200825	Stop Bracket	M4x10	2
10	201103	T-Nut	M8x1.25p	2
11	201039	Pad		4
12	SJ069400	Button Head Screw	M6x16	2
13	WS060000	Lock Washer	M6	2
14	WF123030	Washer	M12x30	1
15	200815	Adjust Handle	M12x1.75px55L	1
16	201253-10	Square Pipe		1
17	200954	Knob Screw	M8X50	1
18	NH081300	Hex Nut	M8	2
19	SH080700	Hex Head Screw	M8X35	2
20				
21	200910	Plug	80x40	4
22	201253	Support Frame		1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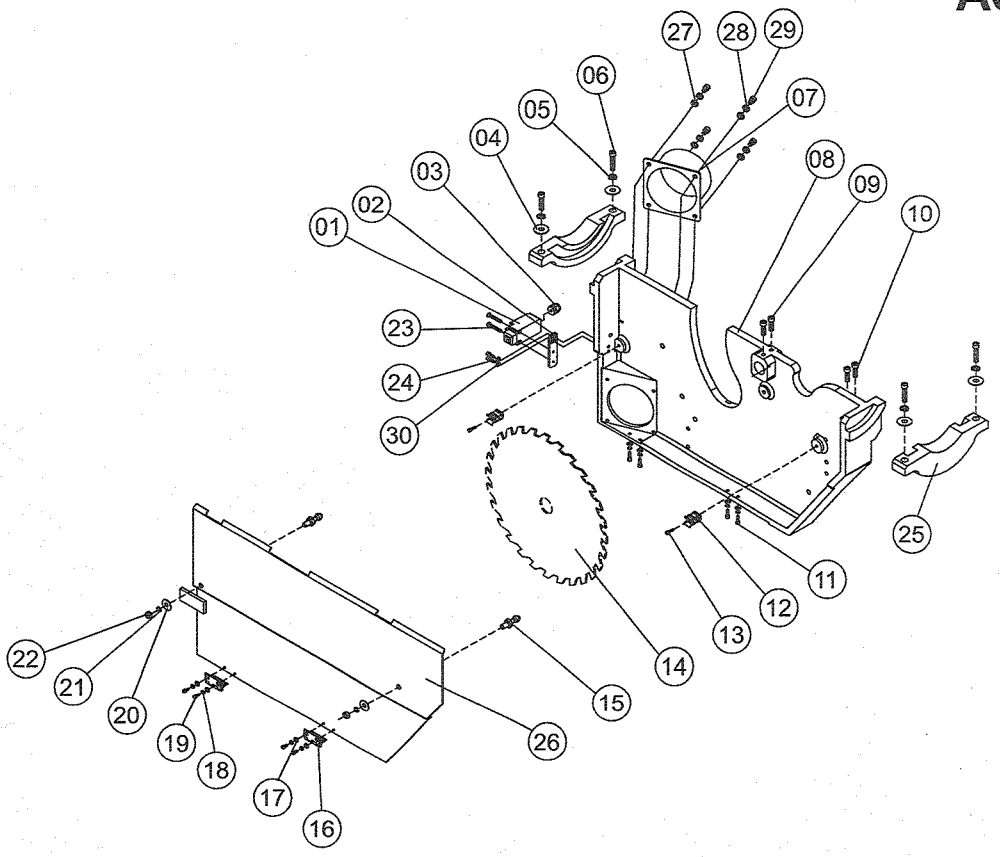
ASSEM03

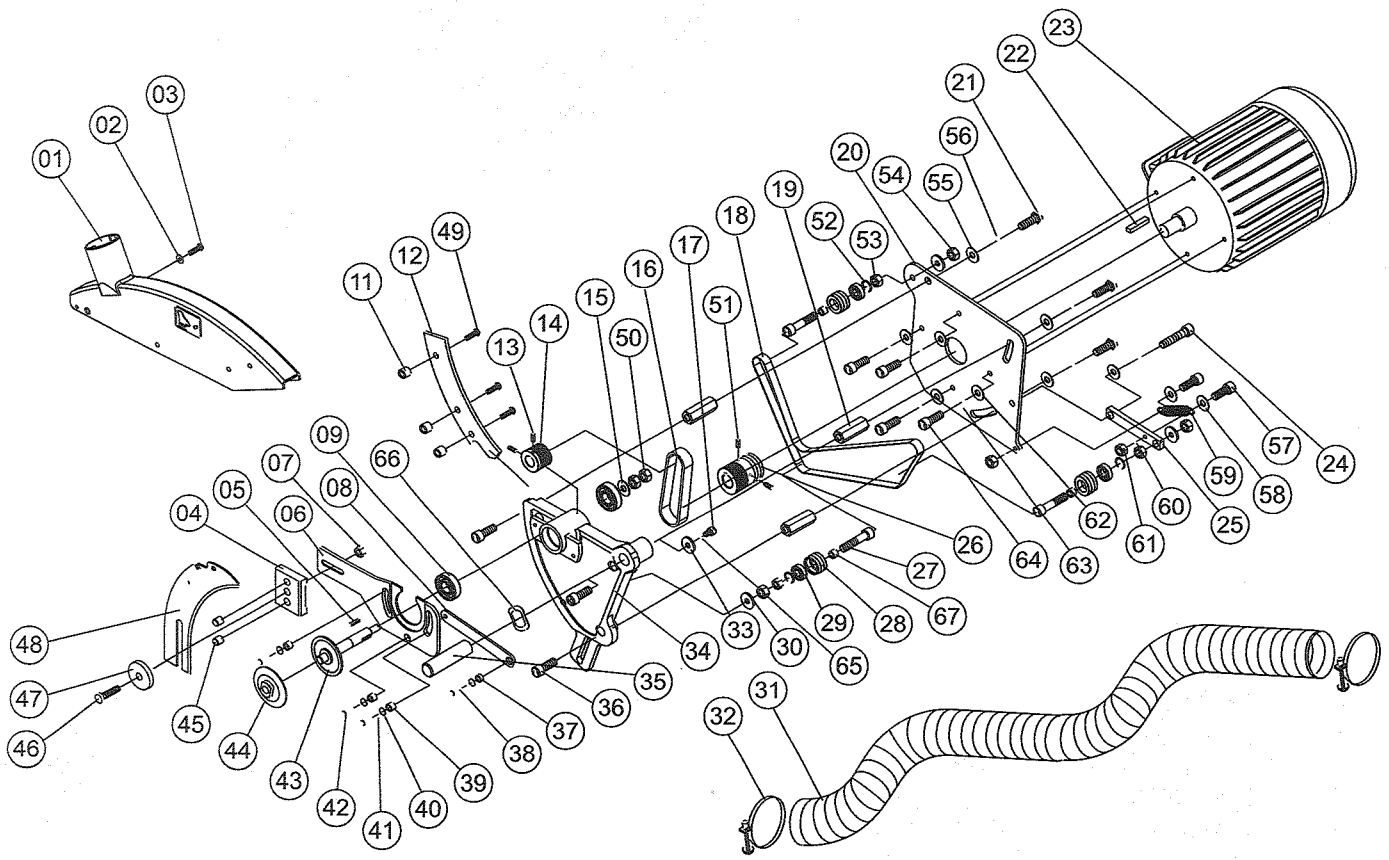
ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	SS100400	Setscrew	M10x20	4
2	NH101700	Hex Nut	M10	4
3	SJ100500	Button Head Screw	M10x25	4
4	WS100000	Lock Washer	M10	4
5	ASSEM12			
6	SS060200	Setscrew	M6x10	3
7	WF123330	Washer	M12x ϕ 33	8
8	NL121900	Lock Nut	M12	4
9	201238	Locate Block		2
10	SS100800	Setscrew	M10x40	2
11	NH101700	Hex Nut	M10	2
12	NH081300	Hex Nut	M8	6
13	SS080500	Setscrew	M8x25	6
14	NH101700	Hex Nut	M10	4
15	NL101700	Lock Nut	M10	4
16	WF102825	Washer	M10x ϕ 28	4
17	NL061000	Lock Nut	M6	2
18	SR060600	Cap Screw	M6x30	2
19	WF102025	Washer	M10x ϕ 20	4
20	WS100000	Lock Washer	M10	4
21	NH101700	Hex Nut	M10	4
22	SS101300	Setscrew	M10x65	4
23	ID35091R	Switch cell		1
24	SP059400	Pan Head Screw	M5x16	2
25	NH050800	Hex Nut	M5	1
26	IC201414	Power Cord		1
	IC201411	Power Cord		1
27	SJ060400	Button Head Screw	M6x20	2
28	201105	Power Box		1
29	994805	Terminal	4P	1
30	Sp059200	Pan Head Screw	M5x8	2
31	SJ059300	Button Head Screw	M5x12	4
32	709421	Strain Relief	M20	6
33	998628	Lashing Ring	1/2"	3
34	605408	Switch Box		1
35	136019	Wire Connector	224-201	2
36	IC200807	Cord		1
37	201432	Fixed Plate		1
38	994808	Emergency Stop Button	HY57B(1B)	1
39	200857	Adjust Foot	M16x100	4
40				
41	NH121900	Hex Nut	M12	4
42	WS120000	Lock Washer	M12	4
43	SP059300	Pan Head Screw	M5x12	5
44	998627	Lashing Ring	3/8"	3
45	IC201415	Cord		1
46	201306	Plate		1
47	136457	Door Safety Switch	ADZ-S11	1
48	WS040000	Lock Washer	M4	2
49	SP049300	Pan Head Screw	M4X12	2
50	NH040700	Hex Nut	M4X0.7P	2
51	WS040000	Lock Washer	M4	2
52	201535	Locate Plate		
53	WS060000	Lock Washer	M6	2
54	SR069300	Cap Screw	M6X12	2
55	SP040800	Pan Head Screw	M4X40	2
56	201582	Door Knob		1
57	Ic201413	Cord	2C-2Y	1

ASSEM04



ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	136012	Door Safety Switch		1
2	201230	Fix Plate		1
3	709411	Strain Relief	PG11	1
4	WF081818	Washer	M8xϕ18	2
5	WS080000	Lock Washer	M8	2
6	SR080800	Cap Screw	M8x40	2
7	201497	Outlet Exhaust		1
8	201204	Channel Base		1
9	SR089400	Cap Screw	M8x16	2
10	SR060200	Cap Screw	M6x10	2
11	SR050200	Cap Screw	M5x10	4
12	150079	Catch		2
13	SR050200	Cap Screw	M5x10	2
14	ASSEM15			
15	170080	Stud Latch		2
16	010033	Hinge		2
17	WF051010	Washer	M5x10	8
18	WS050000	Lock Washer	M5	8
19	SR050100	Cap Screw	M5x5	4
20	WF081818	Washer	M8x18	2
21	WS080000	Lock Washer	M8	2
22	NH081300	Hex Nut	M8	2
23	SP040600	Pan Head Plate	M4x30	2
24	SR069400	Cap Screw	M6x16	2
25	201235	Axle Block		2
26	201245	Cover		1
27	WF061310	Washer	M6xϕ13	4
28	WS060000	Lock Washer	M6	4
29	SR060200	Cap Screw	M6x10	4
30	Ws060000	Lock Washer	M6	2

ASSEM05

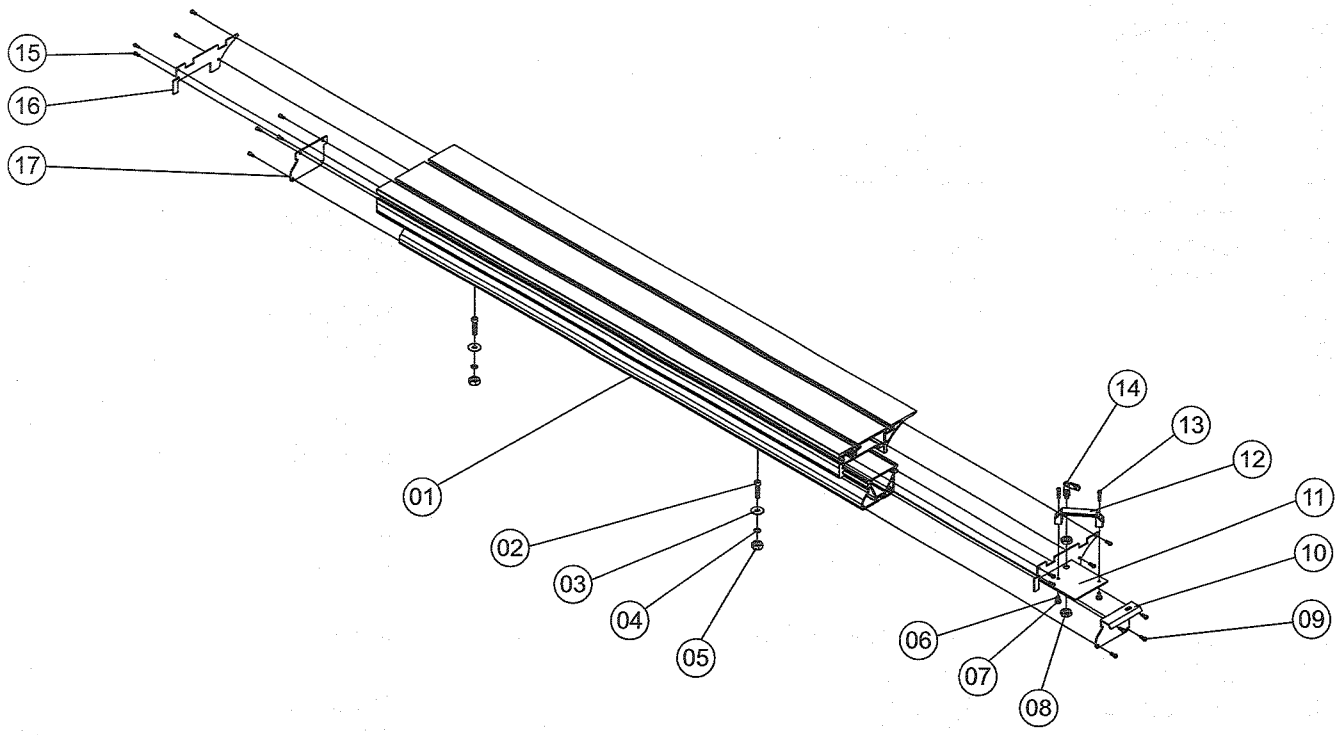


ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	200917	Blade Cover		1
2	WF083030	Washer	M8x ϕ 30	1
3	SJ080800	Button Head Screw	M8x40	1
4	200905	Fix Block		1
5	KD050520	Key		1
6	201530	Locate Plate		1
7	NH121900	Hex Nut	M12	1
8	201207	Link Plate		1
9	Bb620403	Bearing		2
10				
11	200863	Collar		2
12	201225	Gip Plate		1
13	SS069200	Setscrew	M6x8	2
14	201226	Arbor Pully		1
15	Wf122430	Washer	M12x ϕ 24	1

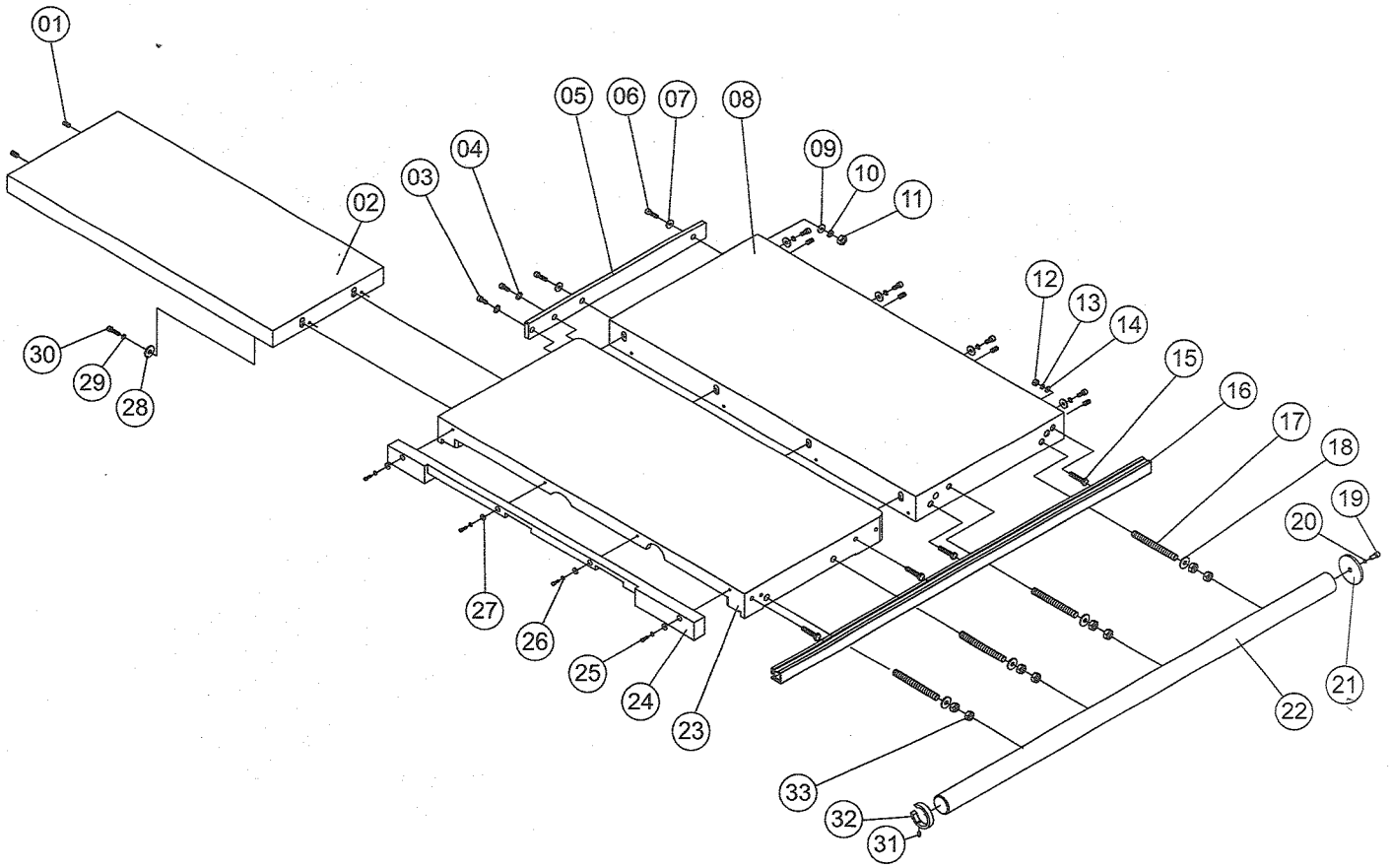
ASSEM05

ITEM	PART NO	PARTS NAME	SIZE	Q`TY
16	LJ014080	Belt	140J8	1
17	SR080400	Cap Screw	M8x20	1
18	LF410000	Belt	15x1045	1
19	201333	Shaft		3
20	ASSEM17			
21	SH120500	Hex Head Bolt	M12x25	3
22	KS070730	Key		1
23	ASSEM17			
24	SR089400	Cap Screw	M8x16	1
25	201324	Rotate Plate		1
26	ASSEM15			
27	SR121100	Cap Screw	M12x55	3
28	201322	Idler		3
29	BB600102	Bearing	6001ZZ	3
30	Wf122130	Washer	M12x ϕ 21	1
31	201554	Hose	4"	1
32	201555	Hose Clamp	4-1/2"	2
33	WF083030	Washer	M8x ϕ 30	1
34	201206	Rotate Plate		1
35	201205	Shaft		1
36	SR120600	Cap Screw	M12x30	3
37	201346	Bushing		1
38	SJ080400	Button Head Screw	M8x20	3
39	200964	Bushing		3
40	WF083030	Washer	M8x ϕ 30	4
41	WS080000	Lock Washer	M8	4
42	SJ080400	Button Head Screw	M8x16	1
43	ASSEM15			
44	201343	Arbor Flange		1
45	200916	Stud		2
46	SH100800	Hex Head Bolt	M10x40	1
47	200906	Washer		1
48	201211	Plate		1
49	SJ100700	Button Head Screw	M10x35	3
50	NH121900	Hex Nut	M12xP1.75	2
51	SS069100	Setscrew	M6x6	2
52	RR280000	Check ring	ϕ 28	3
53	NL121900	Lock Nut	M12	3
54	NH121900	Hex Nut	M12xP1.75	3
55	WF122430	Washer	M12x ϕ 24	3
56	WS120000	Lock Washer	M12	3
57	SH080800	Hex Head Bolt	M8x40	2
58	WF081818	Washer	M8x ϕ 18	2
59	201275	Expansion Spring		1
60	Ws080000	Lock Washer	M8	2
61	NH081300	Hex Nut	M8	2
62	WF081818	Washer	M8x ϕ 18	4
63	WS080000	Lock Washer	M8	4
64	SH080400	Hex Head Bolt	M8x20	4
65	WS080000	Lock Washer	M8	1
66	WW263403	Wave Washer	ϕ 26x ϕ 34	1
67	201547	Bushing		3

ASSEM06

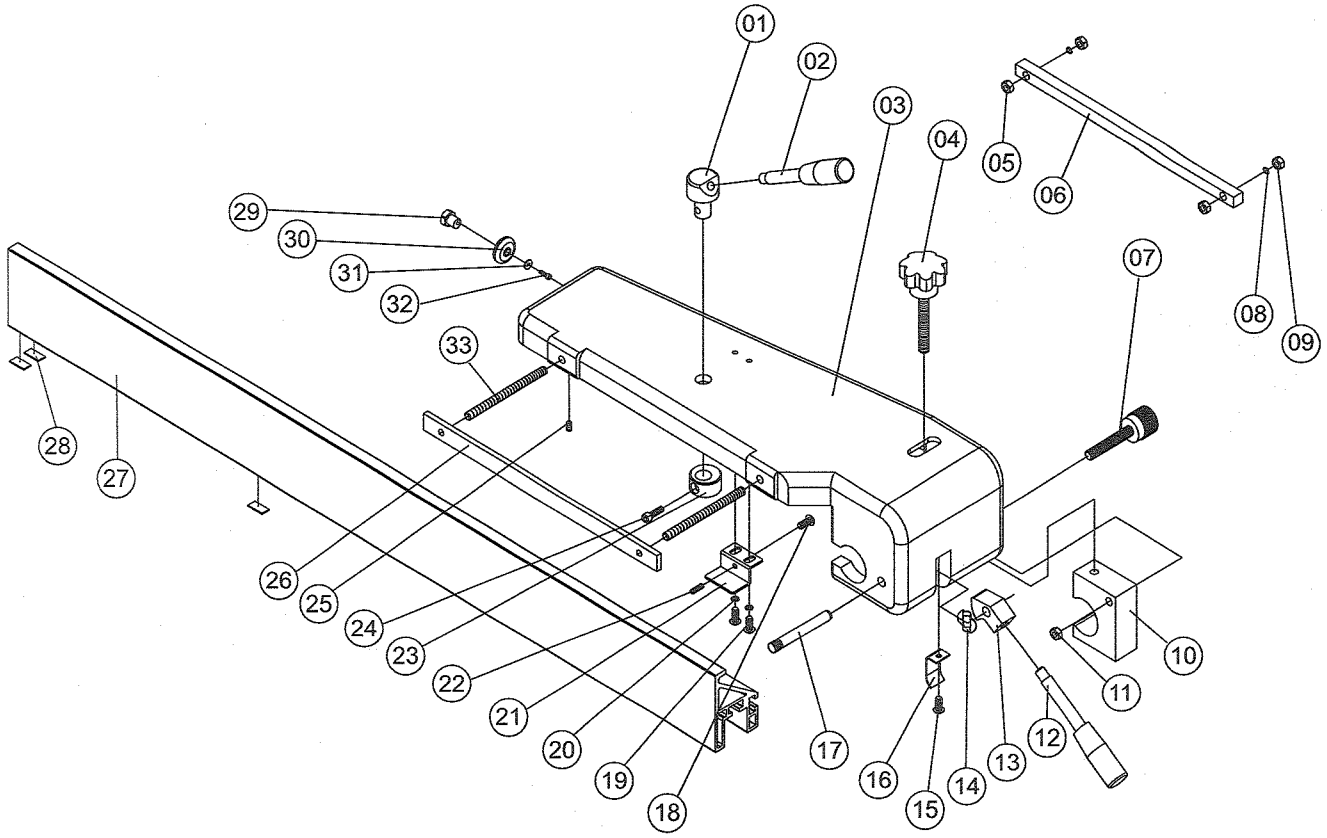


ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	201469	Sliding Table Set	1600x316	1
2	SR120800	Cap Screw	M12x40	2
3	WF122430	Washer	M12x ϕ 24	2
4	WS120000	Lock Washer	M12	2
5	NH121900	Hex Nut	M12xP1.75	2
6	WS080000	Lock Washer	M8	2
7	NH081300	Hex Nut	M8	2
8	NH162400	Hex Nut	M16xP1.5	2
9	SJ069400	Button Head Screw	M6x16	8
10	201358	Locate Plate		1
11	201357	Right End Plate		1
12	200959	Handle		1
13	SR089300	Cap Screw	M8x16	2
14	200831	Pin Lock		1
15	SJ060200	Button Head Screw	M6x10	8
16	201359	Locate Plate		1
17	201360	Locate Plate		1

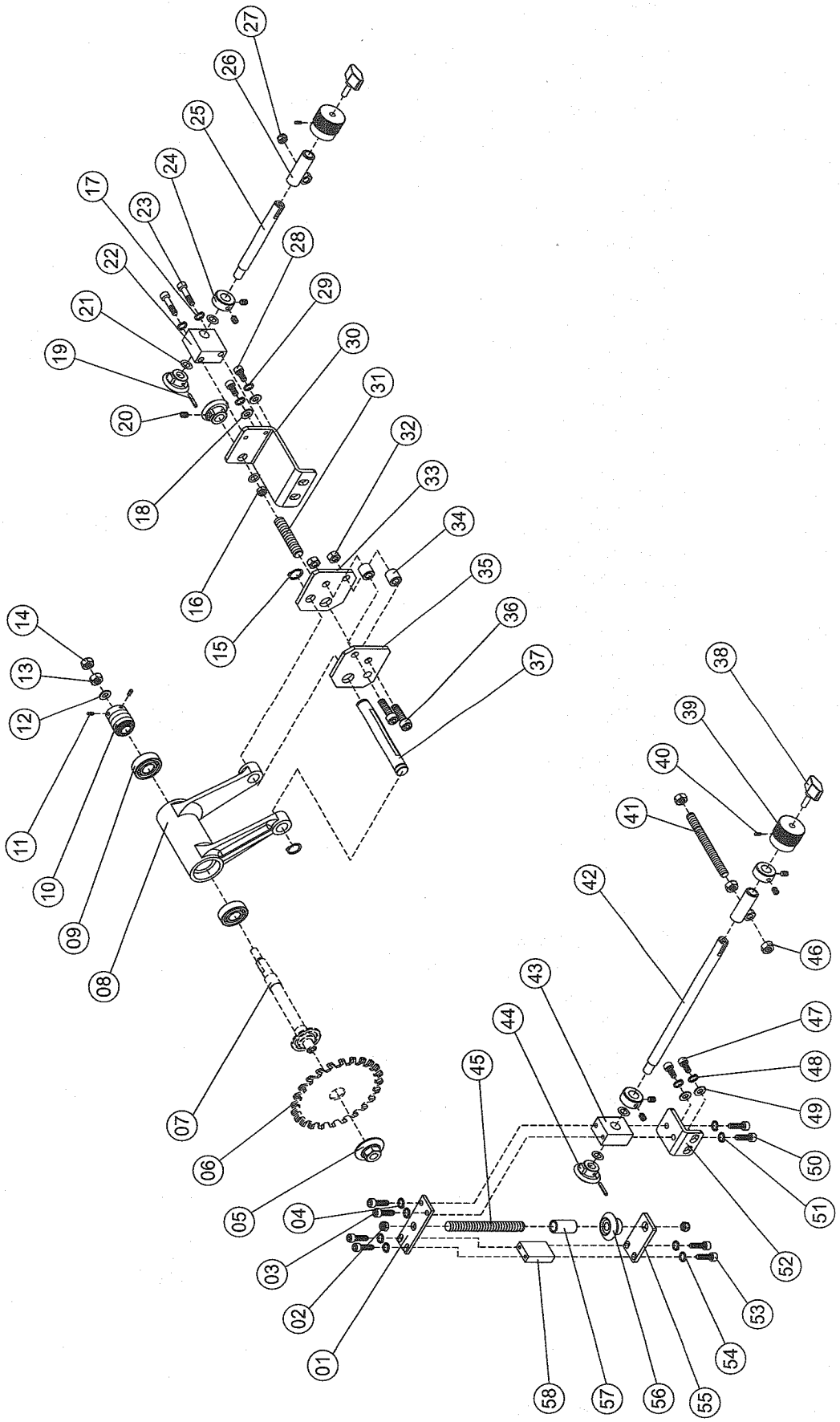


ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	SS060200	Setscrew	M6x10	6
2	ASSEM13			
3	SR100400	Cap Screw	M10x20	2
4	WS100000	Lock Washer	M10	2
5	201244	Locate Block		1
6	SR100600	Cap Screw	M10x30	2
7	WF102025	Washer	M10x ϕ 20	2
8	ASSEM14			
9	WF102025	Washer	M10x ϕ 20	2
10	WS100000	Lock Washer	M10	2
11	NH101700	Hex Nut	M10	2
12	NH121900	Hex Nut	M12	4
13	WS120000	Lock Washer	M12	4
14	WF123030	Washer	M12x30	4
15	SH060600	Hex head Bolt	M6x30	4
16	201161	Right Support Plate		1
17	200881	Screw	M12x1.75px115L	4
18	WF123030	Washer	M12x30	4
19	SR089300	Cap Screw	M8x16	1
20	WS080000	Lock Washer	M8	1
21	136440	End Washer		1
22	200880	Round Rail		1
23	201202	Table		1
24	201203	Table Insert		1
25	SR060600	Cap Screw	M6x30	4
26	WS060000	Lock Washer	M6	4
27	WF061310	Washer	M6x ϕ 13	4
28	WF102025	Washer	M10x ϕ 20	6
29	WS100000	Lock Washer	M10	6
30	Sr100400	Cap Screw	M10x20	6
31	SS060200	Setscrew	M6x10	1
32	200957	Ring Stop		1
33	Nh121900	Hex Nut	M12	8

ASSEM08



ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	200878	Rotate Shaft		1
2	200884	Handle		1
3	200870	Rip Fence Housing		1
4	200873	Knob Screw	M10x1.5px70L	1
5	NH081300	Hex Nut	M8	2
6	200875	Locate Plate		1
7	200872	Micro-Adjust Knob		1
8	WS080000	Lock Washer	M8	2
9	NH081300	Hex Nut	M8	2
10	200877	Locate Block		1
11	NL101700	Lock Nut	M10	1
12	200884	Handle		1
13	200882	Cam		1
14	WW101503	Wave Washer	φ 10x φ 15	1
15	SF059300	Pan Head Bolt W/Flange	M5x12	1
16	198006	Spring Piece		1
17	200874	Pin		1
18	SJ069400	Button Head Screw	M6x16	1
19	SJ069300	Button Head Screw	M6x12	2
20	WF061310	Washer	M6x13	2
21	200963	Plate		1
22	200991	Spring		1
23	200876	Cam		1
24	SR089400	Cap Screw	M8x16	1
25	SS050200	Setscrew	M5x10	1
26	200879	Clamp Plate		1
27	200871	Fence Plate		1
28	136470	Bearing Pad		3
29	200858	Eccentric Shaft		1
30	010341	Plastic Bearing		1
31	Wf061310	Washer	M6x13	1
32	SR069400	Cap Screw	M6x16	1
33	200885	Screw	M8x1.25x110L	2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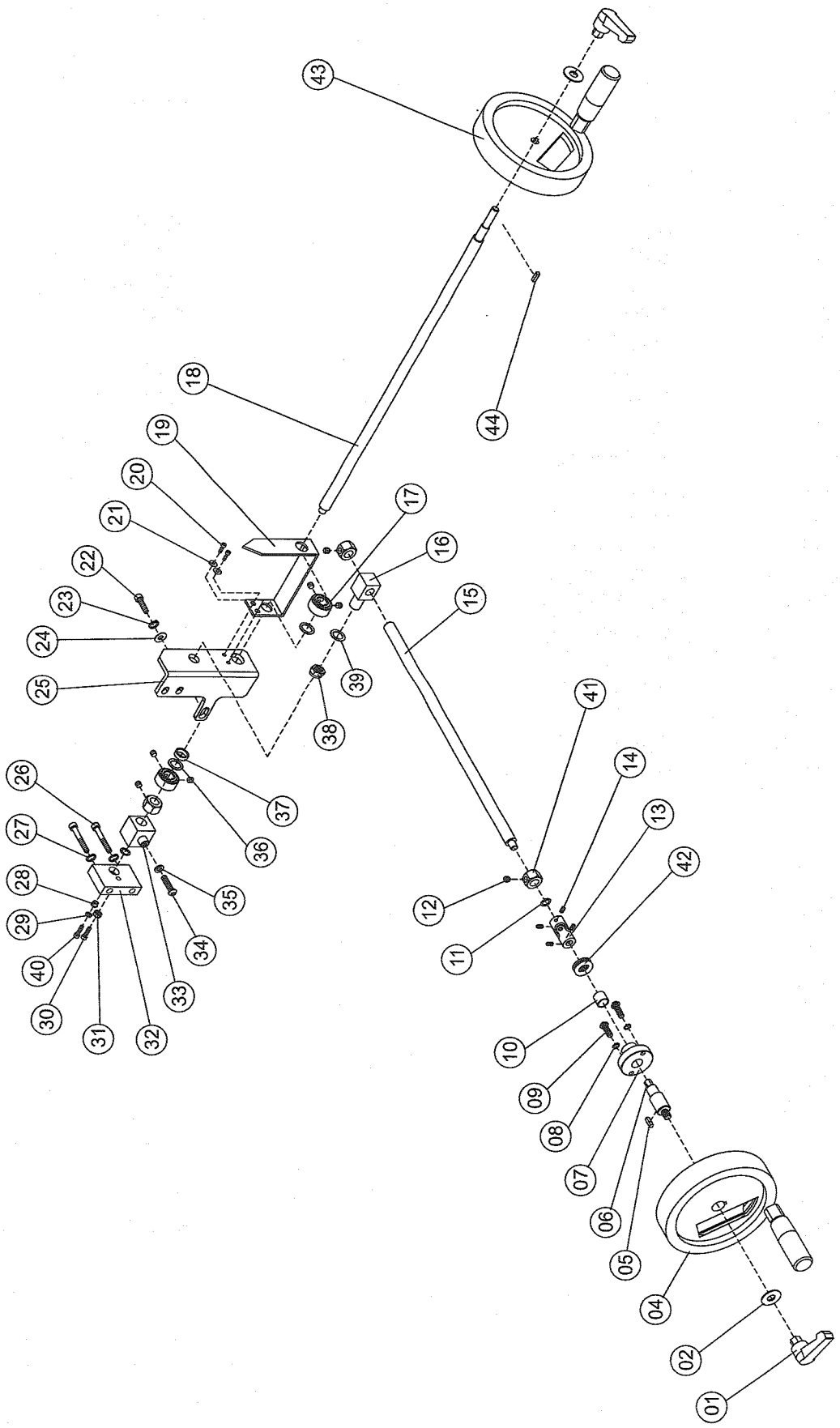
ASSEM09

ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	201379	Fix Plate		1
2	NL121900	Lock Nut	M12	1
3	SR069400	Cap Screw	M6x16	2
4	WS060000	Lock Washer	M6	2
5	201344	Arbor Flange		1
6	ASSEM16			
7	ASSEM16			
8	201208	Regulator		1
9	BB620203	Bearing		2
10	201302	Scoring Pully		1
11	SS069100	Setscrew	M6x6	2
12	WF081818	Washer	M8xϕ18	1
13	NH081300	Hex Nut	M8	1
14	NH081300	Hex Nut	M8	1
15	RS150000	Check ring		1
16	NL121900	Lock Nut	M12	1
17	WS060000	Lock Washer	M6	2
18	WF081818	Washer	M8xϕ18	2
19	PS032000	Pin Spring	ϕ3x20	2
20	SS069200	Setscrew	M6x8	1
21	200423	Asbestos washer	ϕ13xϕ23x1t	5
22	201382	Locate Plate		1
23	SR060900	Cap Screw	M6x45	2
24	200410	Locate Bushing		3
25	201380	Adjust Shaft		1
26	201057	Bushing		2
27	NL081300	Lock Nut	M8	2
28	SR080400	Hex Head Bolt	M8x20	2
29	WS080000	Lock Washer	M8	2
30	201372	Fixed Plate		1
31	Ss121300	Setscrew	M12x65	1
32	NL081300	Lock Nut	M8	2
33	201383	Fixed Plate		1
34	200999	Bushing		2
35	201307	Fixed Plate		1
36	SR080700	Cap Screw	M8x35	2
37	201210	Regulating Shaft		1
38	201548	Lock Knob	M6x40	2
39	200929	Adjust Knob		2
40	SS050200	Setscrew	M5x10	2
41	201499	Screw	M8x120	1
42	201385	Adjust Shaft		1
43	201378	Locate Plate		1
44	201387	Gear		2
45	201384	Screw		1
46	NH081300	Hex Nut	M8	3
47	SH080400	Hex Head Bolt	M8x20	2
48	WS080000	Lock Washer	M8	2
49	WF081818	Washer	M8xϕ18	2
50	SR060400	Cap Screw	M6x20	2
51	WS060000	Lock Washer	M6	2
52	201375	Fixed Plate		1
53	SR069400	Cap Screw	M6x16	4
54	WS060000	Lock Washer	M6	4
55	201390	Gear Fixed Plate		1
56	201388	Gear		2
57	201386	Bushing		1
58	201212	Locate Block		1

ASSEM10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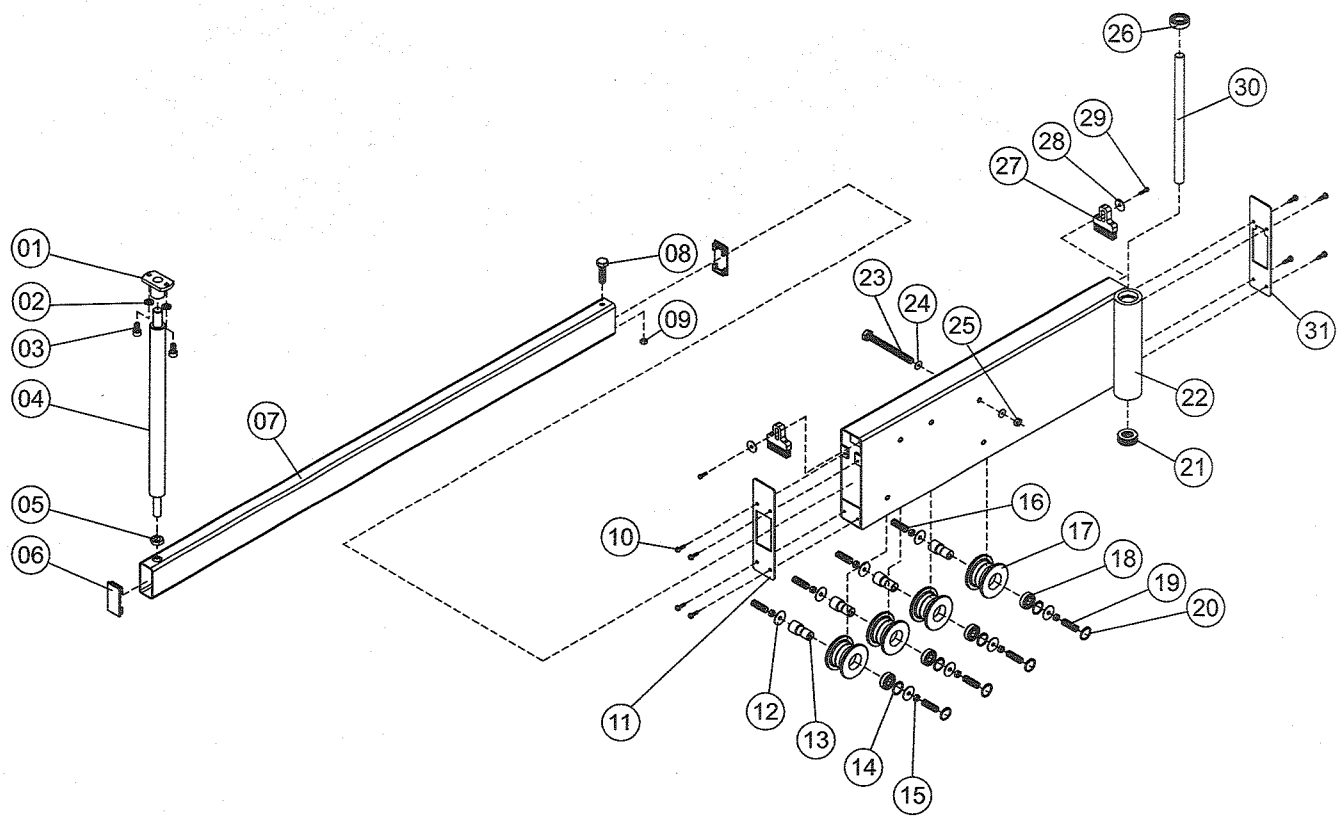
ASSEM10

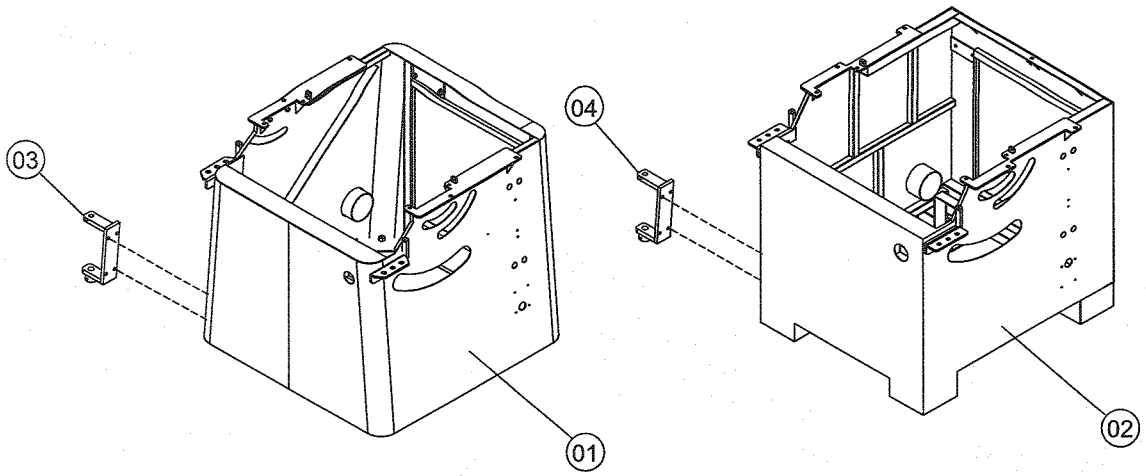
ITEM	PART NO	PARTS NAME	SIZE	Q'TY
1	201222	Adjust Handle	M10	2
2	WF103030	Washer	M10x30	2
3				
4	201228	hand wheel		1
5	KS070720	Key	7x7x20	1
6	201250	Hand Wheel Shaft		1
7	200941	Locate Ring		1
8	WS080000	Lock Washer	M8	2
9	SJ089400	Cap Screw	M8x16	2
10	994351	Bushing Bearing	DU1515	1
11	SR102025	Washer	M10x ϕ 20	2
12	SS069100	Setscrew	M6x6	7
13	201227	Free Joint		1
14	SS060200	Setscrew	M6x10	4
15	201241	Screw	5/8"-6t / 1"	1
16	201240	Nut		1
17	201223	Locate Ring		2
18	201532	Screw		1
19	201242	Finger guide		1
20	SR060200	Cap Screw	M6x10	2
21	WS060000	Lock Washer	M6	2
22	SR080400	Cap Screw	M8x20	1
23	WS080000	Lock Washer	M8	1
24	SR081818	Washer	M8x ϕ 18	2
25	201277	Strut Board		1
26	SR081000	Cap Screw	M8x50	2
27	WS080000	Lock Washer	M8	2
28	017177	Bearing Self Lubricating		1
29	WF061310	Washer	M6x13	1
30	Sr080800	Cap Screw	M8x40	1
31	NH081300	Hex Nut	M8	1
32	201221	Locate Block		1
33	201534	Locate Block		1
34	SJ060200	Cap Screw	M6x10	1
35	WF061620	Washer	M6x ϕ 16	1
36	201502	Asbestos washer	ϕ 16x ϕ 24x0.8t	2
37	201349	Sleeve		1
38	NL162400	Lock Nut	M16	1
39	201500	Copper Washer	ϕ 16x ϕ 24x0.2t	1
40	SR060200	Cap Screw	M6x10	1
41	201304	Hex Nut	5/8"-6t / 1"	3
42	017071	Thrust Bearing		1
43	201249	Hand Wheel		1
44	Ks050520	Key	5X5X20	1

ASSEM11



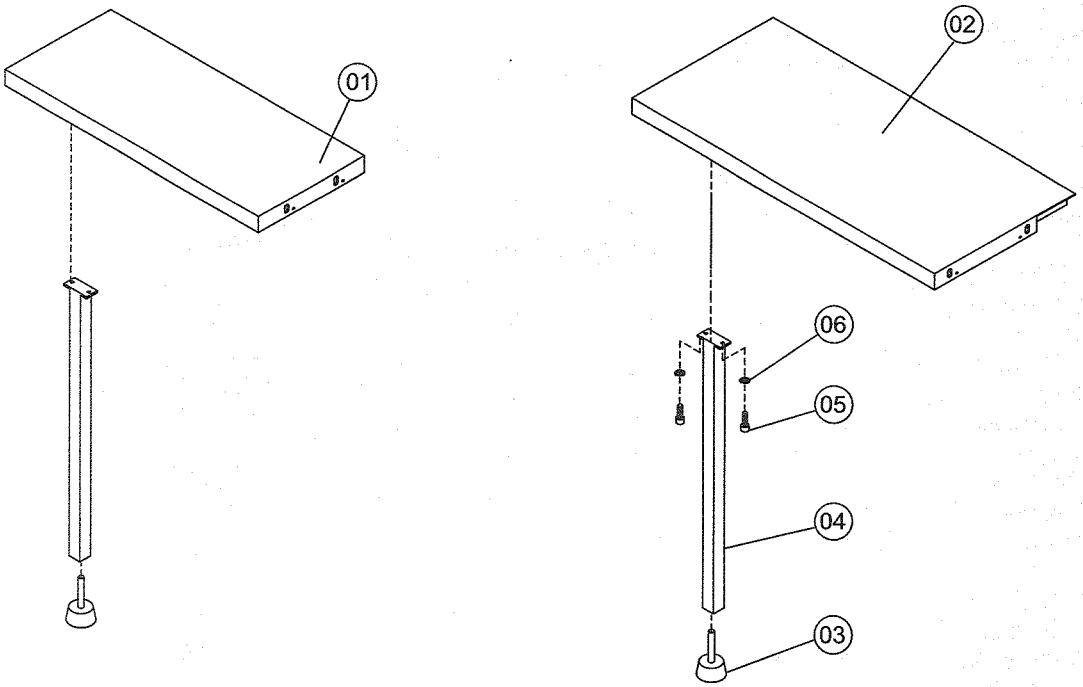
ITEM	PART NO	PARTS NAME	SIZE	Q'TY
1	200819	Bearing Set		1
2	WS060000	Lock Washer	M6	2
3	SR069400	Cap Screw	M6x16	2
4	201348	Rotary Shaft		1
5	NH121900	Hex Nut	M12	1
6	201498	Plug	30x60	2
7	201252	Sliding Tube		1
8	SH080600	Hex Head Bolt	M8x30	1
9	NH081300	Hex Nut	M8	1
10	ST040200	Phillips Head Sheet Metal Screw	M4x10	8
11	201254	Cover		1
12	WF081818	Washer	M8x18	8
13	201265	Adjust Shaft		4
14	RS150000	Ext. Retaining Ring	S15	4
15	NH081300	Hex Nut	M8	8
16	SS080600	Setscrew	M8x30	4
17	201264	Roller		4
18	BB600202	Bearing	6002ZZ	4
19	SS080600	Setscrew	M8x30	4
20	RR350000	Int. Retaining Ring	R35	4
21	994217	Thrust Bearing	51102	1
22	201262	Swing Arm		1
23	SH081600	Hex Head Bolt	M8x80	1
24	WF081818	Washer	M8x18	2
25	NL081300	Lock Nut	M8	1
26	BB620202	Bearing	6202ZZ	1
27	135051A	Brush		2
28	WF061310	Washer	M6x13	2
29	SR060400	Cap Screw	M6x20	2
30	201276	Shaft		1
31	201263	Cover		1

ASSEM12



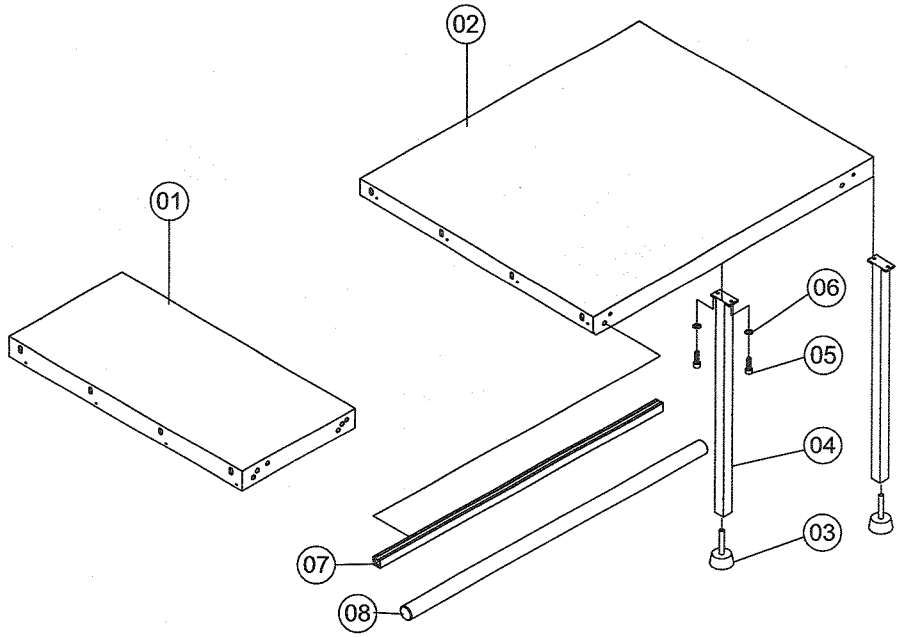
ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	201251	Machine Body	SSA-160E	1
2	201286	Machine Body	SSA-160G	1
3	201300	Fix Plate	SSA-160E	1
4	201373	Fix Plate	SSA-160G	1

ASSEM13



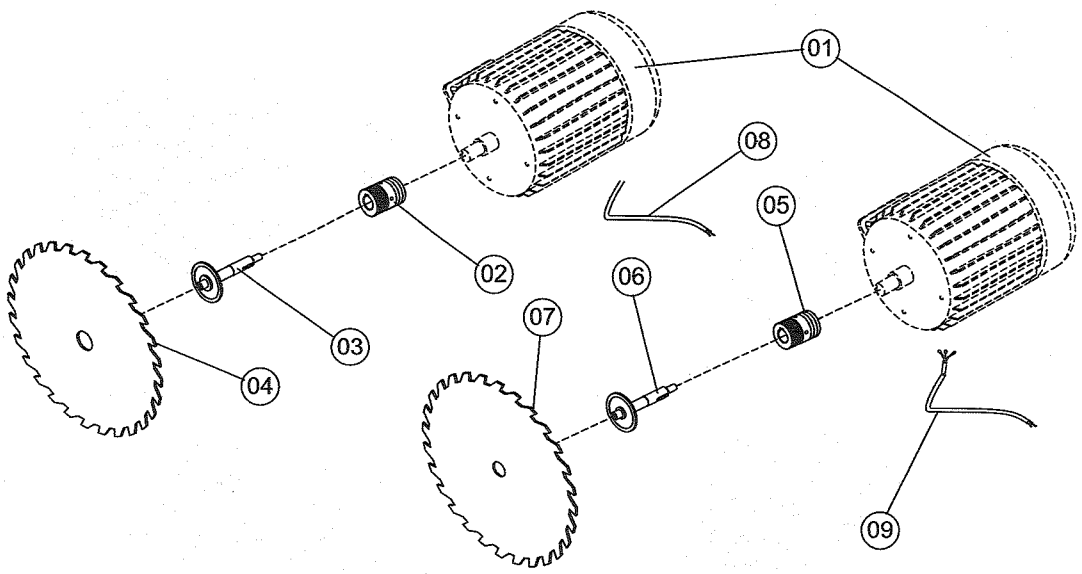
ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	201243	Left Ext. Plate		1
2	201446	Left Ext. Plate		1
3	201544	Adjust Foot		1
4	201273	Swing Arm		1
5	SR089300	Cap Screw		2
6	Ws080000	Lock Washer		2

ASSEM14



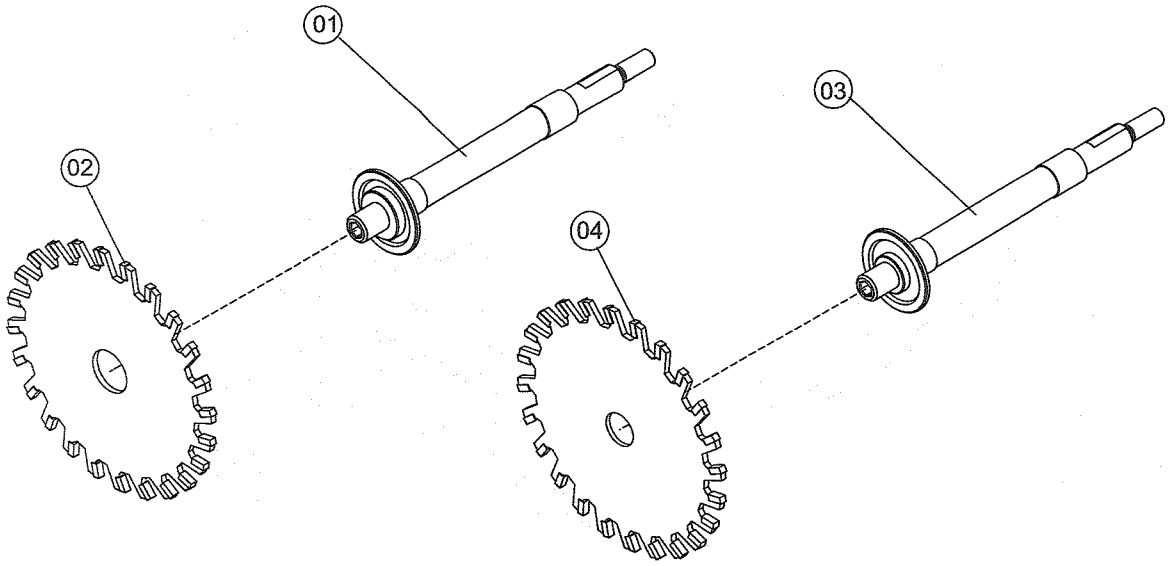
ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	201239	Ext. Table		1
2	201429	Ext. Table		1
3	201544	Adjust Foot		2
4	201273	Swing Arm		2
5	SR089300	Cap Screw	M8X16	4
6	WS080000	Lock Washer	M8	4
7	201165	Right Support Plate		1
8	201004	Round Rail		1

ASSEM15



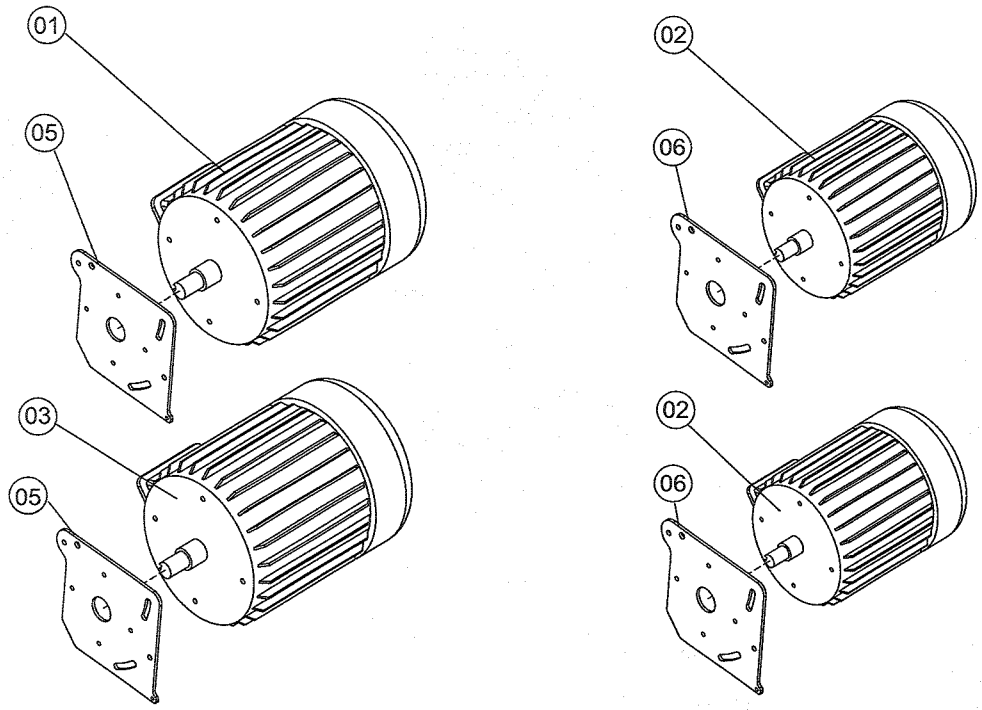
ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	ASSEM17			
2	201229	Belt Pulley	CSA	1
3	201351	Main Arbor	CSA	1
4	200976	Saw Blade(Option)	CSA(ϕ 305-100T- ϕ 25.4)	1
5	201293	Belt Pulley	CE	1
6	201531	Main Arbor	CE	1
7	200972	Saw Blade(Option)	CE(ϕ 305-100T- ϕ 30)	1
8	IM201412	Main Motor Cord	CE	1
9	Im201413	Main Motor Cord	CSA	1

ASSEM16



ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	201214	Shaft	CSA(ϕ 22)	1
2	200977	Scoring Saw Blade	CSA(ϕ 22)	1
3	201350	Shaft	CE(ϕ 20)	1
4	200973	Scoring Saw Blade	CE(ϕ 20)	1

ASSEM17



ITEM	PART NO	PARTS NAME	SIZE	Q`TY
1	MH201202	Main Motor	CSA(5HP-60HZ)	1
2	MH201203	Main Motor	CSA(3HP-60HZ)	1
3	MH201204	Main Motor	CE(5HP-50HZ)	1
4	MH201205	Main Motor	CE(3HP-50HZ)	1
5	201231	Main Motor Plate	5HP	1
6	201232	Main Motor Plate	3HP	1