



FOR YOUR SAFTY !
READ ALL INSTRUCTIONS
CAREFULLY

GENERAL SPECIFICATIONS

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GENERAL INFORMATION

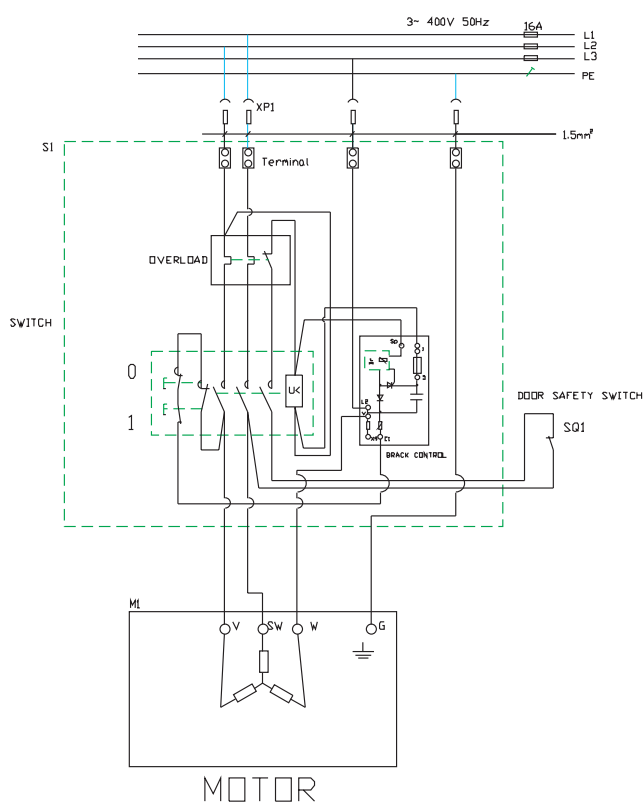
The SBW-6300 band saw is a well designed industrial machine that provide variety of wood working fuctions to meet your higher needs of a Band Saw. Followings are the basic functions you will find in this machine:

1. **Quick Changed Saw Blade System** given you an easy way to replace blade to cut different quality wood materials.
2. **Adjustable Rip Fence** can assist you to cut desired shapes.
3. **Accurate Miter Gauge** can let you creat any curves you desire.
4. **Effective Ball Bearing Guide System** will let the band saw blade run more smoother.
5. **Humanized Dust Chutes** collect extra wood-chips, and give you a better working environment.
6. **Extended 16" Height Space** provides you a bigger working space to cut wider and higher wood selections.

1.GENERAL SPECIFICATIONS

Specification SBW-6300 Band Saw	
Item	Spec
Machine overall size	1191(L)x745(W)x2060(H) mm
Table size	850(L)x600(W)x50(H) mm
Cast iron wheel size	630mm
Table height	830mm
Machine net weight	380kgs
Cutting height (under ball bearing guide)	400mm
Cutting width(w/o fence)	610mm
Table tilting angle	0-45_ (R) CE: 0-20_ (R)
Blade width	6mm-38mm (Standard 25mm L=4600mm)
Saw blade speed	1630 M/min (820 /min)
Blade guide	6202zz ball bearing
Driving belt	A type x 2 grooves
Dust chute	100mm x2
Base size	1050(L)x600(W)x80(H)mm
Braking system	Electronic braking switch
Motor	3.75KW/4p/3~/50Hz
Overload protection switch	400V/3~/50Hz
Fence	Cast iron design ,30(W)x90(H)mm
Ctn Qty/20°/40°	14sets/30sets

2.WIRING DIAGRAM



3. WARNINGS

For Your Own Safety Read Instruction Manual Before Operating Band Saw

- a) Wear eye protection.
- b) Do not remove jammed cutoff pieces until blade has stopped.
- c) Maintain proper adjustment of blade tension, blade guides, and thrust bearings.
- d) Adjust upper guide to just clear workpiece.
- e) Hold workpiece firmly against table.
- f) The conversion from 230V to 400V operation must be done by a qualified electrician.
- g) The blade saw is to be disconnected from the power supply while the motor is being mounted, connected, or reconnected.

Machinery general safety warnings

- 1. Always wear protective eye wear when operating machinery. Eye wear shall be impact resistant, protective safety glasses with side shields.
- 2. Wear proper apparel. No loose clothing or jewelry which can get caught in moving parts. Rubber soled footwear is recommended for best footing.
- 3. Do not overreach. Failure to maintain proper working position can cause you to fall into the machine or cause your clothing to get caught-pulling you into the machine.
- 4. Keep guards in place and in proper working order. Do not operate the machine with guards removed.
- 5. Avoid dangerous working environments. Do not use stationary machine tools in wet or damp locations. Keep work areas clean and well-lit. Special electrics should be used when working on flammable materials.
- 6. Avoid accidental starts by being sure the start switch is "OFF" before plugging in the machine.
- 7. Never leave the machine running while unattended. Machine shall be shut off whenever it is not in operation.
- 8. Disconnect electrical power before servicing. Whenever changing accessories or general maintenance is done on the machine, electrical power to the machine must be disconnected before work is done. Safe by using padlocks, master switches, or by removing starter keys.
- 9. Maintain all machine tools with care. Follow all maintenance instructions for lubricating and the changing of accessories. No attempt shall be made to modify or have makeshift repairs done to the machine. This not only voids the warranty but also renders the machine unsafe.
- 10. Machinery must be anchored to the floor.
- 11. Secure work. Use clamps or a vise to hold work, when practical. It is safer than using your hands and it frees both hands to operate the machine.
- 12. Never brush away chips while the machine is in operation.
- 13. Keep work area clean. Cluttered areas invite accidents.
- 14. Remove adjusting keys and wrenches before turning machine on.
- 15. Use the right tool. Don't force a tool or attachment to do a job it was not designed for.
- 16. Use only recommended accessories and follow manufacturers instructions pertaining to them.
- 17. Keep hands in sight and clear of all moving parts and cutting surfaces.
- 18. All visitors should be kept at a safe distance from the work area. Make workshop completely safe by using padlocks, master switches, or by removing starter keys.
- 19. Know the tool you are using, its application limitations, and potential hazards.

3.1 Safty rules for all tools

1. KEEP GUARDS IN PLACE and in working order.
2. REMOVE ADJUSTING KEYS AND WRENCHES. From habit of checking to see that keys and adjusting wrenches are removed from tool before turing it on.
3. KEEP WORK AREA CLEAN. Cluttered areas and benches invite accidents.
4. DON'T USE IN DANGEROUS ENVIRONMENT. Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.
5. KEEP CHILDREN AWAY. All visitors should be kept safe distance from work arae.
6. MAKE WORKGROUP KID PROOF with padlocks, master switches, or by removing starter keys.
7. DON'T FORCE TOOL. It will do the job better and safer at the rate for which it was designed.
8. USE RIGHT TOOL. Don't force tool or attachment to do a job for which it was not designed.
9. USE PROPER EXTENSION CORD. Make sure your extension cord is in good condition when using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An indersized cord will cause a drop in line voltage resulting in lose of power and overheating. Table 1 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The samller the gage number, the heavier the cord.
10. WEAR PROPER APPAREL. Don't wear loose clothing, gloves, neckties, rings, braceles, or other jewelry which may get caught in moving parts. Nonslip footwear. Wear protective hair covering to contain long hair.
11. ALWAYS USE SAFTY GLASSES. Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safty glasses.
12. SECURE WORK. Use clampsor a vise to holdwork when practical. It's safer than using your hand and it frees both hands to operate tool.
13. DON'T OVERREACH. Keep proper footing and balance at all times.
14. MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
15. DISCONNECT TOOLS before servicing: when changing accessories, such as blades, bits, cutters, and the like.
16. REDUCE THE RISK OF UNINENTIONAL STARTING. Make sure switch is in OFF position before plugging in.
17. USE RECOMMENDED ACCESSORIES. Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury to persons.
18. NEVER STAND ON TOOL. Serious injury could occur if the tool is tipped or if the cutting tool is unintentionally contacted.
19. CHECK DAMAGED PARTS. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function - check for aligment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
20. DIRECTION OF FEED. Feed work into a blade or cutter against the direction of the blade or cutter only.
21. NEVER LEAVE TOOL RUNNING UNATTENDED. TURN POWER OFF. Don't leave tool until it comes to a complete stop.

3.2 Safty instructions

1. Always wear gloves when handing saw blade. The operator shall not wear gloves when operating the machine.
2. All doors shall be closed, all panels replaced, and other safty guards in place prior to the machine being started or operated. **See Figure A.**
3. Be sure that the blade is not contact with the workpiece when the motor is started. The motor shall be started and you should allow the saw to come up to full speed before bring the saw blade into contact with the workpiece.
4. Keep hands away from the blade area. **See Figure B.**
5. Remove any cut off piece carefully while keeping your hands free of the blade area.
6. Saw must be stopped and electrical supply must be cut off before and blade replacement or adjustment of blade support mechanism is done, or before any attempt is made to change the drive belts or before any periodic service or maintenance is performed on the saw.
7. Remove loose performed on the unnecessary workpieces from area before starting machine.
8. Bring adjustable saw guide and hoards as close as possible to the workpiece.
9. Always wear protective eyewear when operating, servicing or adjusting machine. Eyewear shall be impact resistant, protective safty glasses with side shields complying with European standard. **See Figure C.**
10. Please wear breathing and hearing protection to operate machine. **See Figure D and E.**
11. The workpiece, or part being sawed, must be securely clamped before the saw blade enters the workpiece.
12. Remove cut off pieces carefully, keeping hands away from saw blade and do not smoking. **See Figure F.**
13. Maintain proper adjustment of blade tension, blade guides and thrust bearings.
14. Do not operate near potentially explosive or other dangerous environment.
15. The measurement of emission sound pressure level is defined according to ISO3746.
SBW-6300 : A weighted sound pressure level measuring under no load at operation position is 68.6dB(A), and under load at operation position is 76.8dB(A).
The value quoted are emission levels and are not necessarily sate working levels. Whilst there is a correlation between the emission and exposure levels, this cannot be used reliably to determind whether or not further precautions are required. Factors that influence the actual level of exposure of the workforce include the characteristics of the work room, the other sources of noise, etc. i.e. the number of machines and other adjacent processes. Also the permissible exposure level can vary from country to country. This information, however, will enable the user of the machine to make a better evaluation of the hazard and risk.
16. The bandsaw equip with two hexagonal spanners to adjust guard for sawblade, should be stop machine before adjustment.



Figure A



Figure B

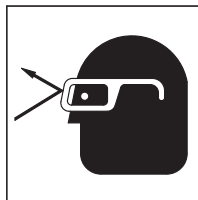
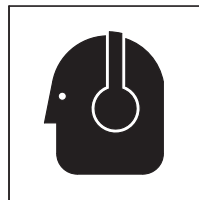


Figure C



FigureD

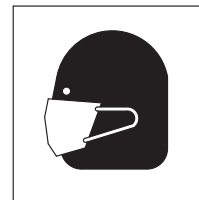


Figure E

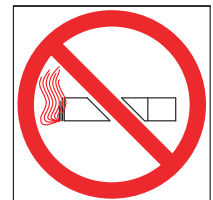
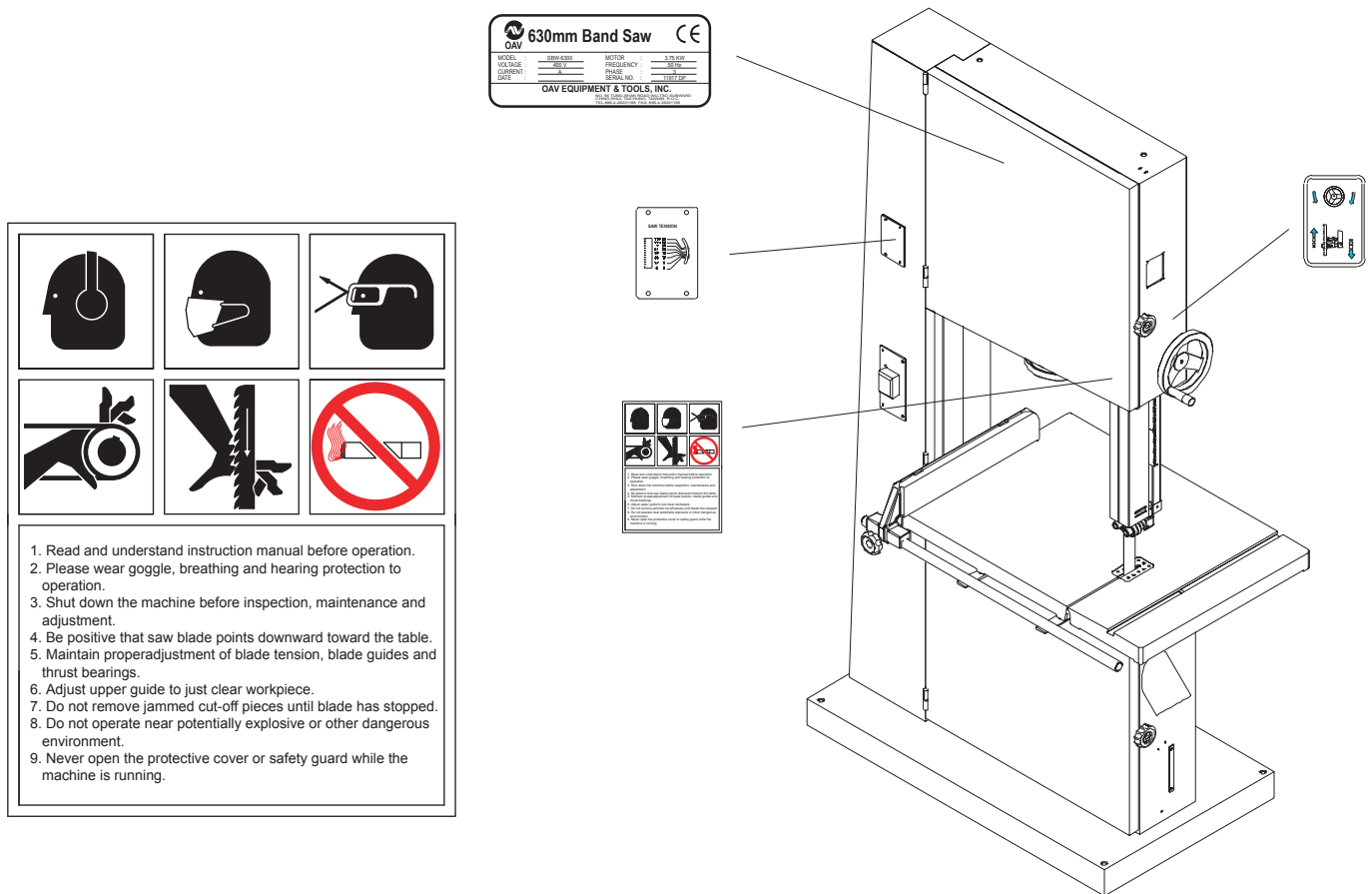


Figure F

3.3 Warning labels & workstation



3.4 Safty working practice

1 Safe working practice for all machines

1.1 Straining

When the machine is not in use, for example at the end of a shift, release the sawblade strain and place a notice on the machine to indicate this and to remind the next user to adjust the strain before starting up.

1.2 Guard removal/replacement

Where guards are removed replace them in accordance with the manufacturer's instructions.

1.3 Machine operation

Never clean the sawblade or band wheel of a band saw using a hand-held brush or scraper whilst the sawblade is in motion.

1.4 Noise reduction

Regular maintenance of sawblades, extraction system, cleaning and lubrication of the sawblade etc. is necessary to help control machine noise.

1.5 Operator training

It is essential that operators are adequately trained in the use, adjustment and operation of the machine. This cover in particular:

- a) the principles of machine setting and operation, including the correct use and adjustment of workpiece holding and guiding devices and guards:
- b) the safehandling of the workpiece when cutting:
- c) the use of personal protective equipment for ear and eye protection.

1.6 Tooling

Care should be taken to avoid damaging the sawblade. When not in use, untensioned band sawblades should be coiled (see figure A. 1) and secured. They should be stored in a safe, dry place. Before use they should be checked for damaged teeth and cracks.

To avoid cracking, tensioned sawblades should be stored in accordance with figure A.2.

At least two operators will be needed to change a wide sawblade.

Suitable carrier equipment should be provided for transporting tensioned wide sawblades (see figure A.2).

Suitable gloves (or other handing aids) should be worn whenever sawblades are handled.

1.7 Lighting

It is important to provide adequate lighting around the machine

2 Additional safe working practices for table band saws

2.1 Sawblade thrust wheel

The purpose of the thrust wheel on a table band saw is to give support to the sawblade when cutting (see figure 18). Position it just clear of the back of the sawblade when the sawblade running free after being strained and tracked. Lack of clearance will cause grooving of the thrust wheel and lead to sawblade failure.

2.3 Straight work

Always use a fence for straight cutting, to prevent the workpiece rocking or sliding. (see figure A.3).

When hand feeling against the fence, it is necessary to use a push stick for feeding close to the sawblade.

Use a demountable power feed device whenever possible with table band saw. Not only are they valuable aids to safety, but they also increase the output of the machine.

2.4 Diagonal cutting

On machines with a fixed table, firm support should be provided by a means of jig when cutting diagonals (see figure A.4). It is necessary to use a push stick at the end of the cut.

2.5 Cutting tenons

In the absence of a tenoning machine, a table band saw provides a safe method of cutting tenons (see figure A.5).

2.6 Wedge cutting

When cutting smallwedges on a table band saw it is necessary to use a guide as shown in figure A. 6.

2.7 Curved and irregular work

When cutting curved or irregular work on a table band saw it is necessary to feed the workpiece forward every whilst holding it firmly on the table to ensure effective control during cutting and whilst keeping the hands in a safe position (see figure A. 7, A. 8). Alternatively a template can be used (see figure A.9).

For repetition work of curved and irregular shapes, a guide fixed in front of the sawblade can be used in conjunction with a template to improve safety as well as the speed of operation (see figure A.9).

NOTE Do not use re-saws for this type of work.

2.8 Cross cutting round stock

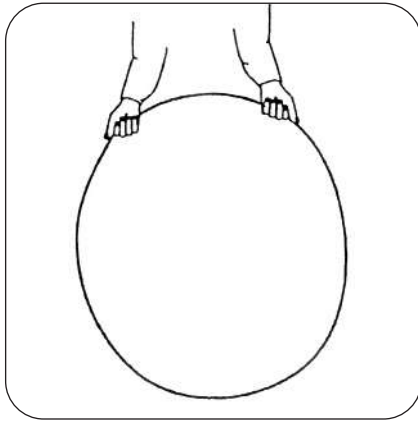
It cutting round stock is necessary to secure the workpiece against rotation by using a jig or holder and to use a sawblade suitable for cross cutting.

2.9 Disc cutting

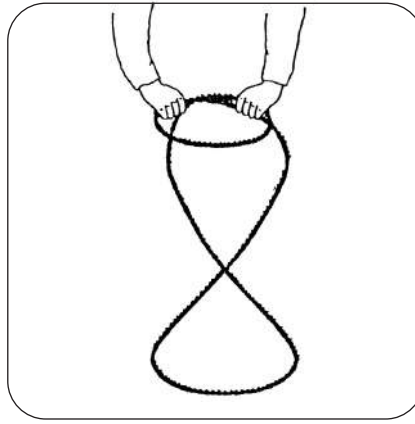
When disc cutting it is advisable to use a jig as illustrated in figure A.10.

2.10 Operator training

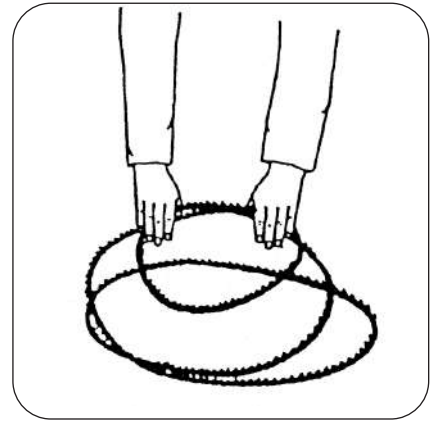
It is essential that all operators are adequately trained in the correct use and adjustment of safety appliances such as jigs, templates and extension tables.



a)



b)



c)

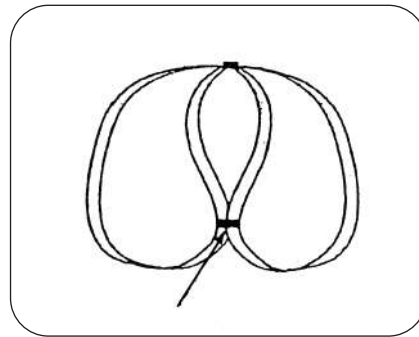
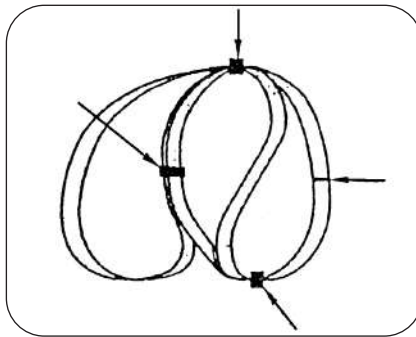


Figure A.1 - Coiling band saw blade

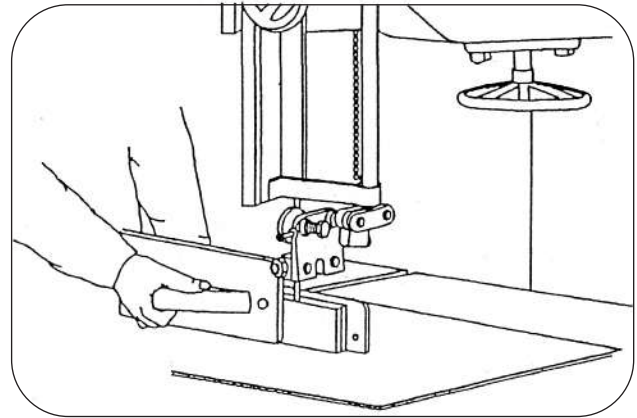
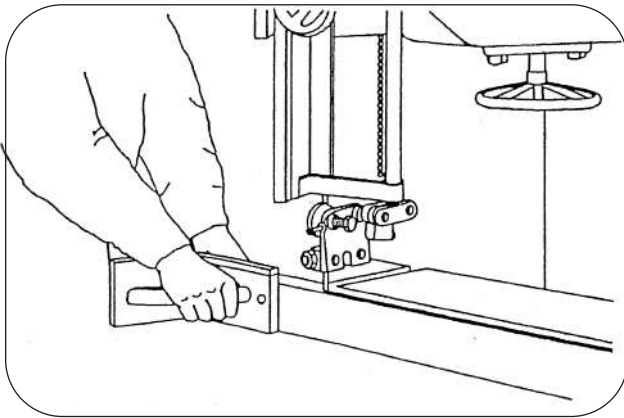


Figure A.3 - Handling deep work

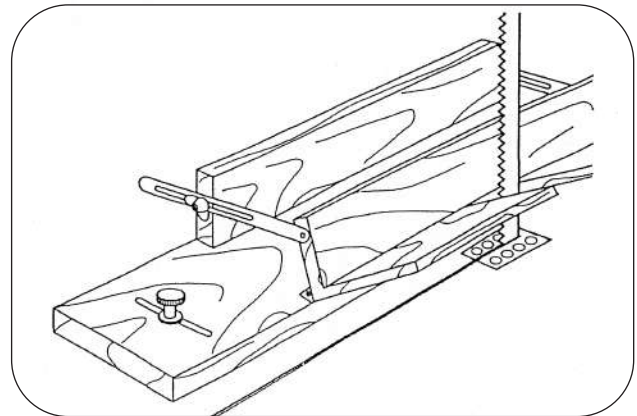
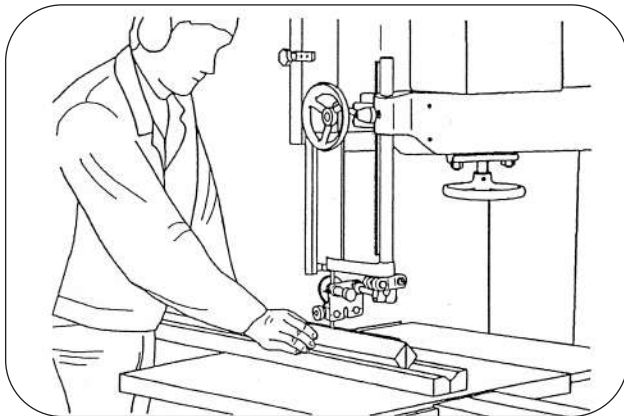


Figure A.3 - Diagonal cutting

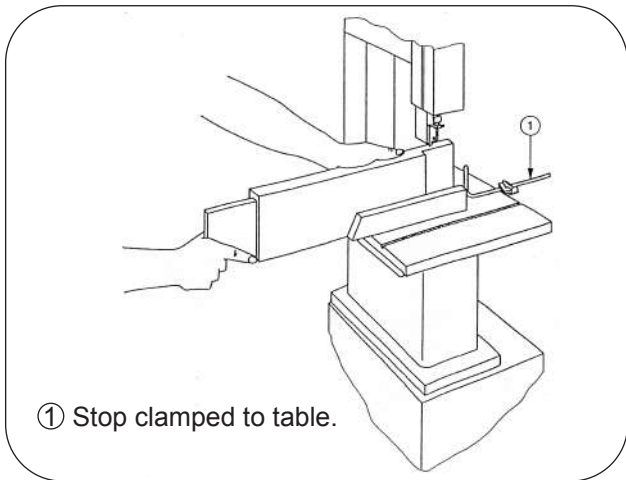


Figure A.5 - Cutting tenons

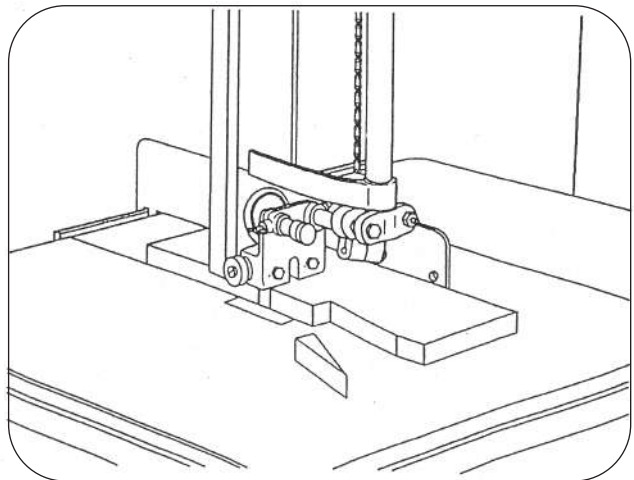


Figure A.6 - Cutting wedges

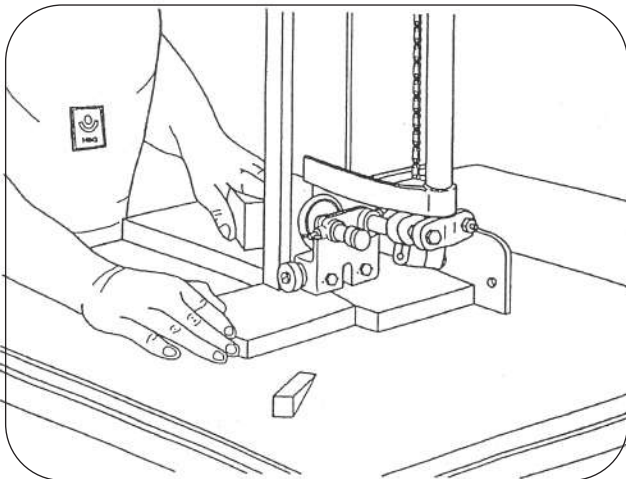


Figure A.6 - Cutting wedges

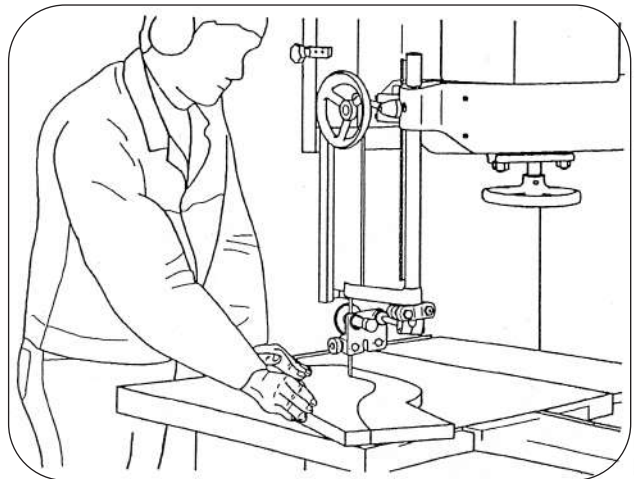


Figure A.7 - Handling sharpened work

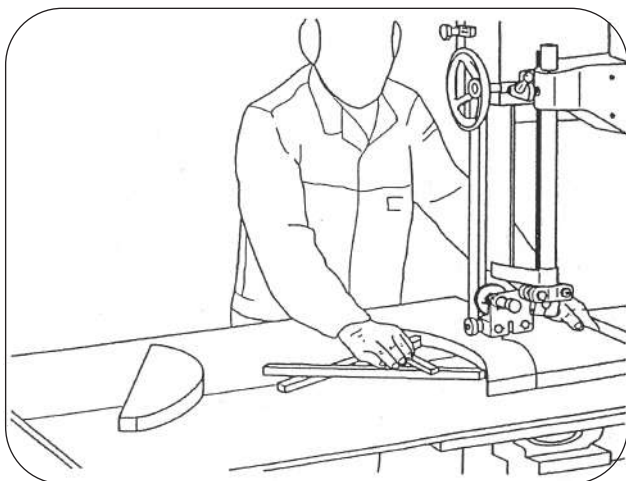
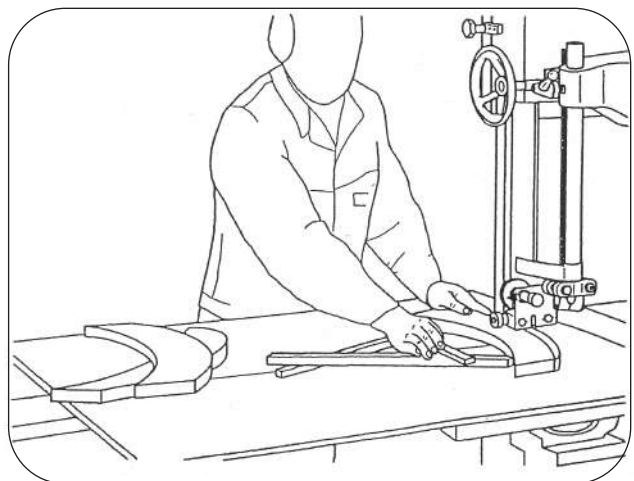


Figure A.8 - Handling curved work



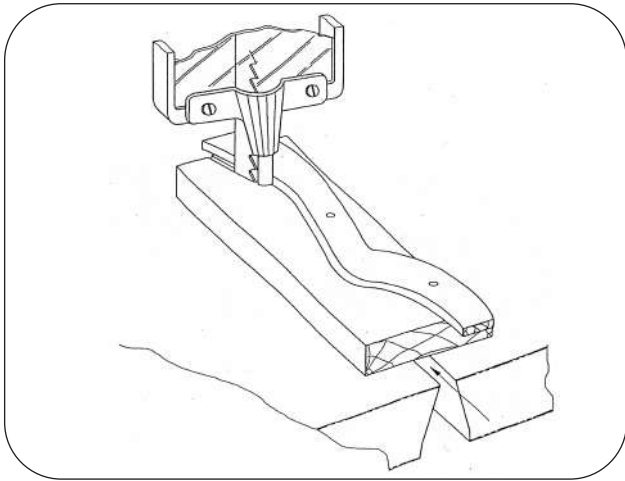


Figure A.9 - Cutting with a template

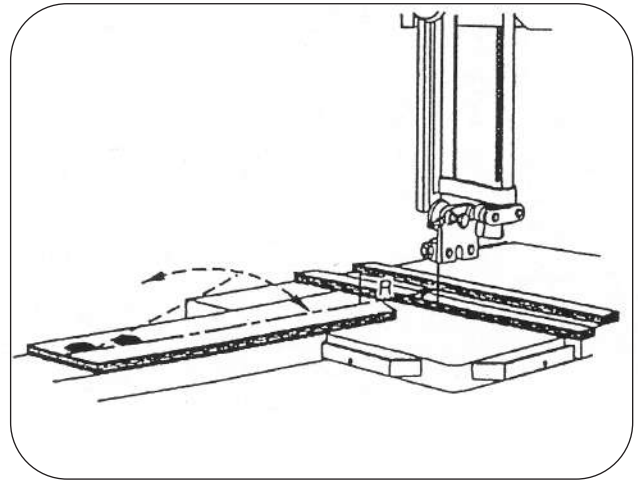


Figure A.10 a) - Fixture without workpiece

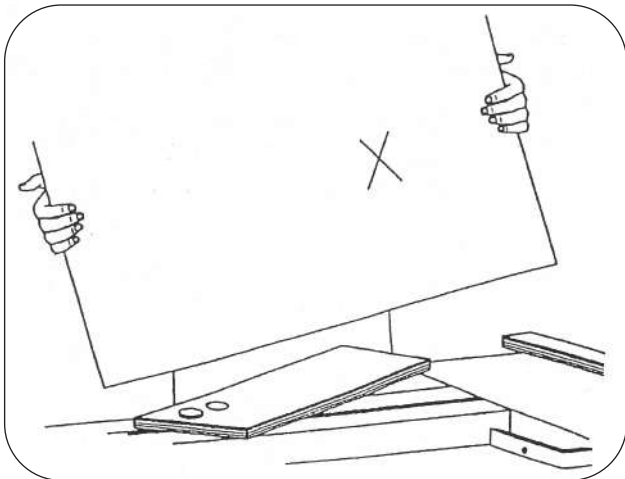


Figure A.10 b) - Operator placing workpiece on fixture

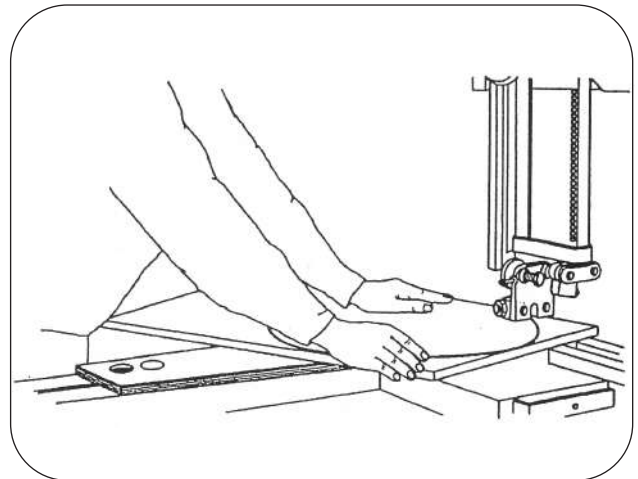


Figure A.10 c) - Machining workpiece

Figure A.10 - Cutting circular work

4.SUPPLIES AND CONSUMPTION

Caution! Power supply has to be installed by a trained technician.

1. The cross-section of incoming supply protective conductor and each phase conductors must be in accordance with the following reference of supply conductor table.

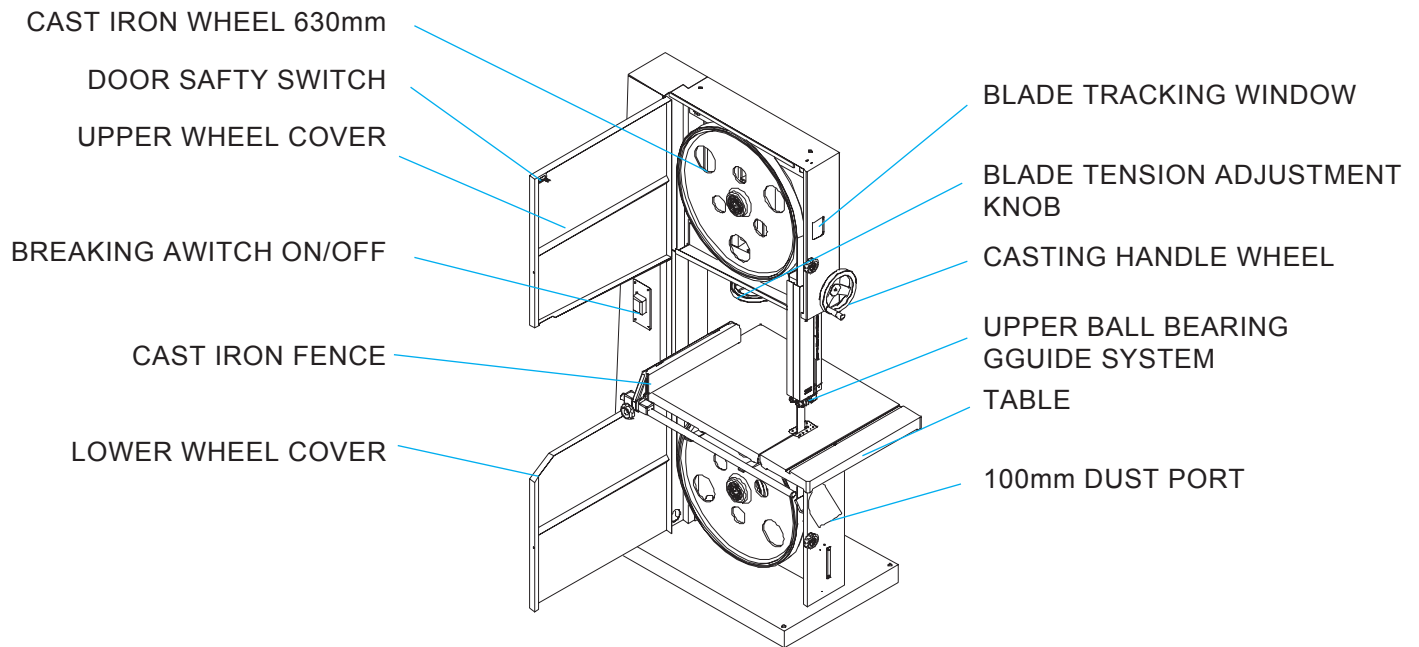
Electrical supplies of S-8A: (Frequency 50Hz)

Model SBW-6300	SBW-6300
Voltage 3~, 400V	3~, 400V
Recom. Fuse	$\geq 8A$
Cross-section of supply wire(mm ²)	1.5 mm ²
PE wire(mm ²)	1.5 mm ²

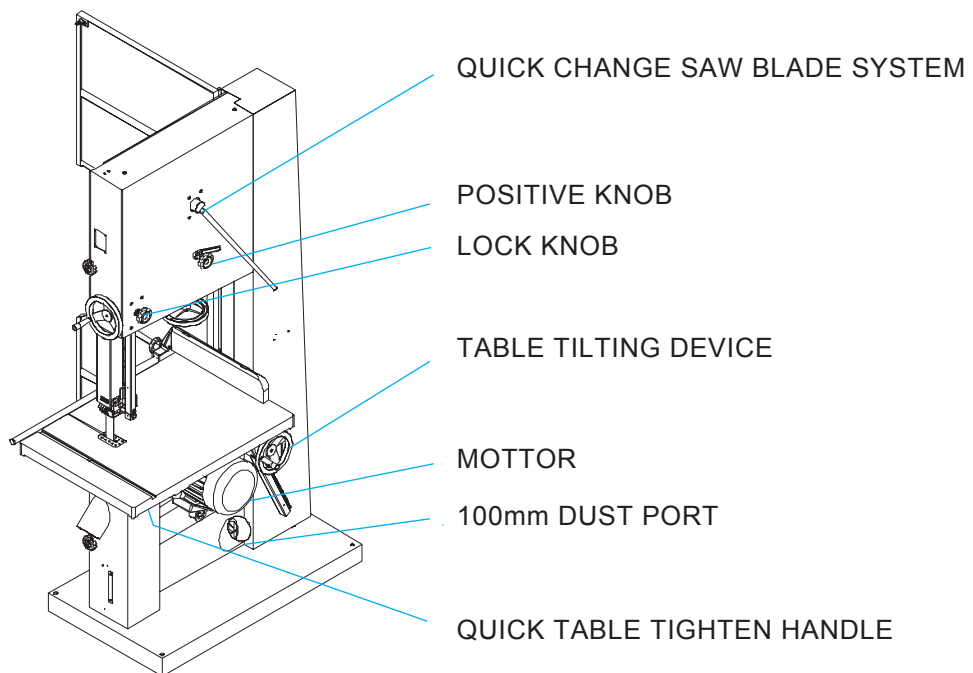
2. It should make sure the machine grounding being connection before connect with power source.
3. The Bandsaw which electric system is provided with an plug, so the customer must connect a suitable power supply for his own working conditions:
Please used for the electrical power system socket for a 16A plug.
4. SHUT OFF the power, before inspection, maintenance, adjustment and leaving the machine.
5. The minimum cross-sectional area of conductors should be larger than 0.75 mm² inside enclosure, and larger than 0.75 mm² for cable or 1.0 mm² for single core outside enclosure.
6. The allowable voltage fluctuation range is 610%. If exceed the range, it is necessary to install a voltage regulator to stabilizer the voltage. The voltage drop from the point of supply to the load of machine will not exceed 10% of the nominal voltage under normal operating condition.



5. FRONT SIDE OF BAND SAW



6. FRONT SIDE OF BAND SAW



7. OPERATING INSTRUCTION

Fixed machine:

To ensure sufficient upright stability of the machine and safety, you need to bolt the machine to floor on M16 screw. (Fig. 1)

Assemble the machine

- (1) Attach the handle (a, Fig. 2) to the hand wheel (b, Fig. 2), Lock the screw then connect to the machine.
- (2) To mount table, remove the table insert and table pin from the table, slide the table slot to the saw blade.
Slow moving to the center of table, make sure the table is located to the M10 holes (Fig. 3) and attach the spring washer then replace table insert and table pin.
- (3) Adjust the table until the saw blade in the center of table insert, then locked with screw.

Adjusting 90 degree table stop

- (1) Unplug power Cord.
- (2) Loosen the quick table tighten handle (Fig. 5)
- (3) Adjust the table degree with patented table tilting mechanism until the table attach the 90 degree table stopper.
- (4) use a protractor placed on the table and against the blade to see if the table is 90 degree.

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Assemble rip fence

- (1) Attach the ED rail to the table with screw M8.
- (2) Setting the fence to the fence body, slide the fence on its guides until it is the required distance from the blade.
- (3) Check the scale, make sure the distance between the edge of the miter slot and both the front and rear of the rip fence, adjust both distances are equal.
- (4) Lock the fence by locking wheel.

Adjust the cutting height

- (1) To adjust the cutting height by casting hand wheel (Fig.2), and check the mm/inch dual scale reading.(Fig. 9)

Adjust the tension

Blade tension is set by a spring located tension mechanism on the upper drive wheel, check the level of the tension device before cutting. The tension for various blade widths are indicated on the window of machine.

- (1) To adjust the tension hand wheel in front of table (Fig.10), and check the tension meter on the machine (Fig.11).

Blade changing

- (1) Unplug power cord.
- (2) remove the table insert and table pin.
- (3) Loosen the upper & lower blade guide system.
- (4) Release the saw blade with quick change saw blade system on the rear of band saw (Fig.12).
- (5) take out the saw blade and guide the new one through table slot, place blade in upper and lower blade guide system.
- (6) replace the new blade in the middle of upper and lower wheel.
(you can blade tracking from the tracking window)
- (7) replace the table insert and table pin.
- (8) to adjust the blade tension if the blade width is different from the old blade.

Adjusting upper and lower blade guide system

- (9) Dust collection
The band saw is recommended to connected to dust collector, to attach the 4" hose with steel clamp (Fig. 15).
- (10) Miter Gauge
 - i Placed the miter gauge in he table slot
 - ii Loosen the clam screw on the miter gauge
 - iii Adjust the desired angle of cutting
 - iv Tighten the clamp screw



Fig. 1



Fig. 2

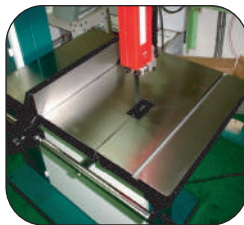


Fig. 3



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 11



Fig. 12



Fig. 13

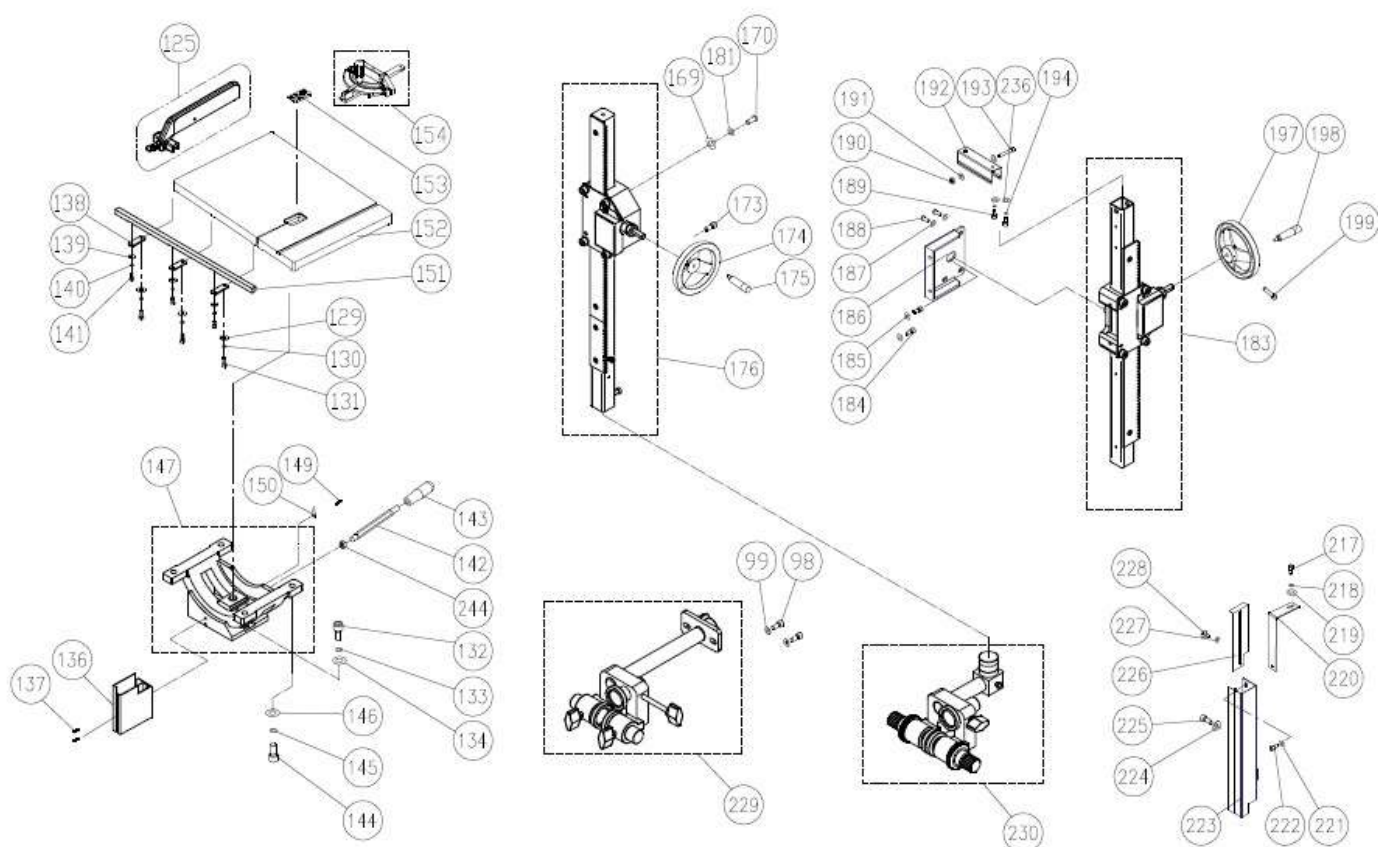
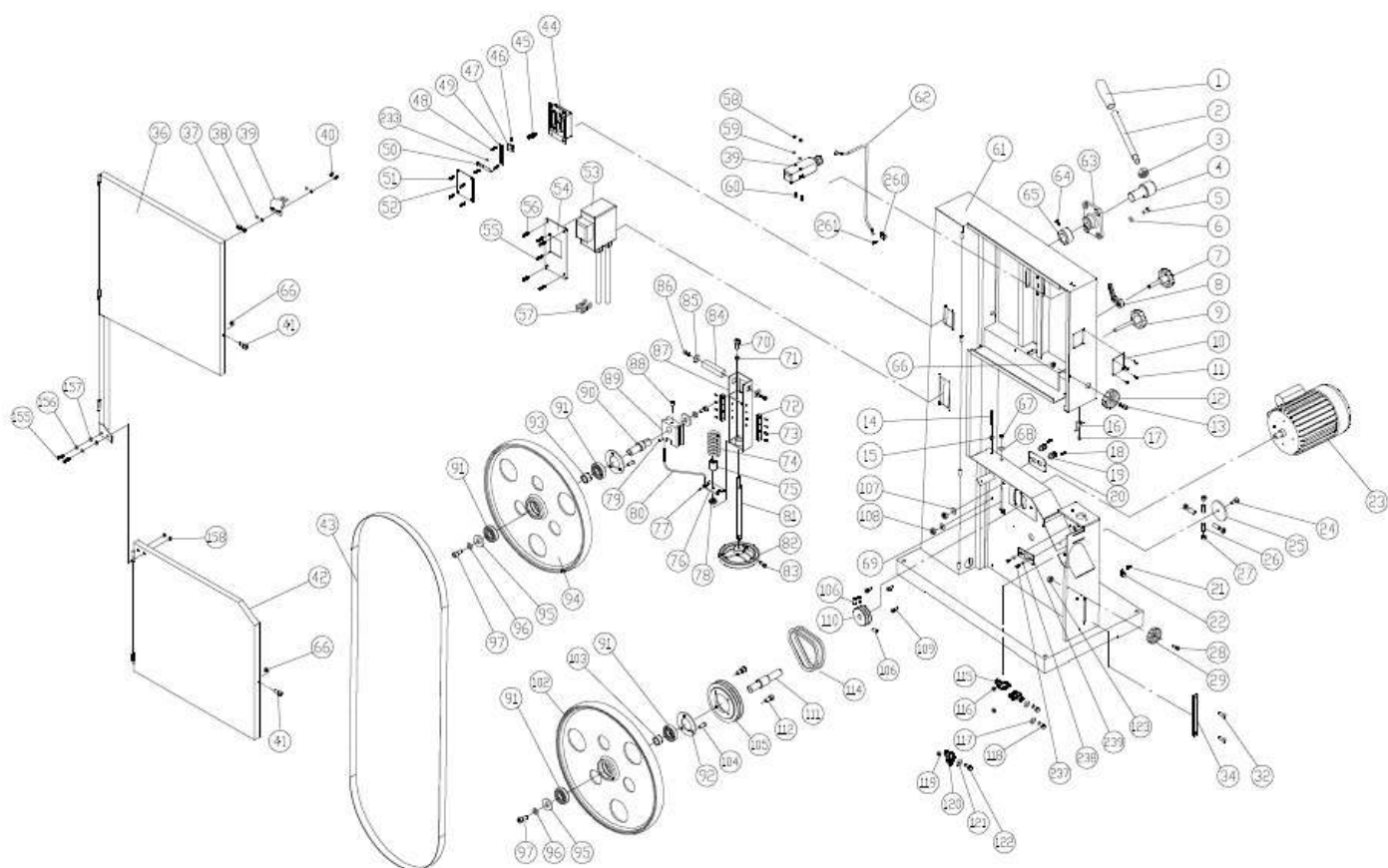


Fig. 14



Fig. 15

8. PART LIST



Assembly of SBW-6300 CE:

Key No.	Parts No.	Parts Name	Size	Q`TY
1	331051	HANDLE		1
2	136435	HANDLE		1
3	NH162400	NUT	M16	1
4	136436	ROTATE SHAFT		1
5	SJ100400	HEX SOCKET BOLT HEAD SCREW	M10x20	4
6	WS100000	SPRING WASHER	M10	4
7	135020	KNOB		1
8	135028	LOCATE HANDLE	M10	1
9	135022	KNOB		1
10	135004	LIMPID PIECE		1
11	BR000044	RIVET	φ3.2x10	4
12	135041	KNOB		1
13	SR060400	HEX SOCKET BOLT	M6x20	1
14	SH101000	HEX HEAD BOLT	M10x50	1
15	NH101700	NUT	M10	1
16	135011	HEIGHT POINTER		1
17	SF050200	PAN HEAD BOLT W/FLANGE	M5x10	1
18	ST040200	TAPPING SCREW	M4x10	2
19	998652	STRAIN RELIEF	M20	2
20	135081	PLATE		1
21	ST049200	TAPPING SCREW	M4x8(B)	2
22	998628	CORD CLAMP	1/2"	2
23	MH136002	MOTOR	5HP-4P	1
24	SJ080400	HEX SOCKET BOLT HEAD SCREW	M8x20	1
25	136440	PIECE		1
26	SS100600	SET BOLT	M10x30	4
27	NH101700	NUT	M10	4
28	SR060400	HEX SOCKET BOLT	M6x20	1
29	135041	KNOB		1
30				
31				
32	SF050200	PAN HEAD BOLT W/FLANGE	M5x10	2
33				
34	136454	STEP COVER		1
35				
36	136174	UPPER WHEEL COVER		1
37	NH040700	NUT	M4	2
38	WF040808	FLAT WASHER	M4xφ8	4
39	136457	DOOR LATCH SWITCH(ASM)	AZD-S11	1
40	SP040200	PAN HEAD BOLT	M4x10	2
41	SR060200	HEX SOCKET BOLT	M6x10	2

Assembly of SBW-6300 CE:

Key No.	Parts No.	Parts Name	Size	Q`TY
42	136175	LOWER WHEEL COVER		1
43	136479	SAW BLADE	3TPI 181"/4597±8.46x1"x0.9mm	1
44	136413	UPPER WHEEL SLIDING BRACKET		1
45	136482	SPRING		1
46	PS031200	PIN	φ3x12	1
47	136424	MOVING PLATE		1
48	ST040200	TAPPING SCREW	M4x10	3
49	136427	PRESS PLATE		1
50	136425	TENSION POINTER		1
51	ST040200	TAPPING SCREW	M4x10	4
52	136426	TENSION SCALE		1
53	136478	BRAKING SWITCH	K400D	1
54	135099	SWITCH PLATE		1
55	ST039304	TAPPING SCREW	M3.5x12(AB)	2
56	ST040200	TAPPING SCREW	M4x10	4
57	136019	WIRE CONECTOR	224-201	2
58	NH040700	NUT	M4	2
59	WF040808	FLAT WASHER	M4xφ8	2
60	SF040700	PAN HEAD BOLT W/FLANGE	M4x35	2
61	136401	MACHINE BODY		1
62	IC135040	SWITCH CORD		1
63	136438	LOCATE BLOCK		1
64	SR080500	HEX SOCKET BOLT	M8x25	1
65	136430	CAM		1
66	NL061000	NYLON NUT	M6	3
67	NH101000	NUT	M10	1
68	WF102325	FLAT WASHER	M10xφ23	1
69	136441	ADJUST BOLT		1
70	SR081000	HEX SOCKET BOLT	M8x50	1
71	NH081300	NUT	M8	1
72	136418	LOCATE PLATE		2
73	SM059400	CONNECTING SUNK BOLT	M5x16	8
74	136481	SPRING		1
75	136455	BUSHING		1
76	136461	PRESS BLOCK		1
77	SS050100	SET BOLT	M5x5	1
78	994301	BEARING	51201	1
79	SS050100	SET BOLT	M5x5	1
80	136480	TENSION LINE		1
81	136407	BOLT		1

Assembly of SBW-6300 CE:

Key No.	Parts No.	Parts Name	Size	Q`TY
82	136447	HANDLE WHEEL		1
83	SR060500	HEX SOCKET BOLT	M6x25	1
84	136433	SQUARE SHAFT		1
85	136444	WASHER		2
86	SR080400	HEX SOCKET BOLT	M8x20	2
87	136442	UPPER WHEEL HINGE(ASM)		1
88	SS109400	SET BOLT	M10x16	1
89	136443	GUIDE BLOCK		1
90	136451	UPPER WHEEL SHAFT		1
91	BB630603	BALL BEARING	6306LLU	4
92	136499	PRESSING PLATE		2
93	136439	BUSHING		1
94	136464	UPPER WHEEL	φ25"	1
95	136444	WASHER		3
96	WS080000	SPRING WASHER	M8	3
97	SR080400	HEX SOCKET BOLT	M8x20	3
98	SR069400	HEX SOCKET BOLT	M6x16	2
99	WF061310	FLAT WASHER	M6xφ13	2
100				
101				
102	136463	LOWER WHEEL	φ25"	1
103	136439	BUSHING		1
104	SP069200	PAN HEAD BOLT	M6x8	6
105	136405	PULLEY		1
106	SS069300	SET BOLT	M6x12	3
107	WF083030	FLAT WASHER	M8xφ30	2
108	NH081300	NUT	M8	2
109	SR060400	HEX SOCKET BOLT	M6x20	3
110	136562	PULLEY		1
111	136448	LOWER SHAFT		1
112	SJ080400	HEX SOCKET BOLT HEAD SCREW	M8x20	4
113				
114	LA340001	V-BELT	A-34(17-350)	2
115	135051	BRUSH		2
116	NL061000	NYLON NUT	M6	2
117	WF061310	FLAT WASHER	M6xφ13	2
118	SR060400	HEX SOCKET BOLT	M6x20	2
119	NL061000	NYLON NUT	M6	1
120	135051	BRUSH		1

Assembly of SBW-6300 CE:

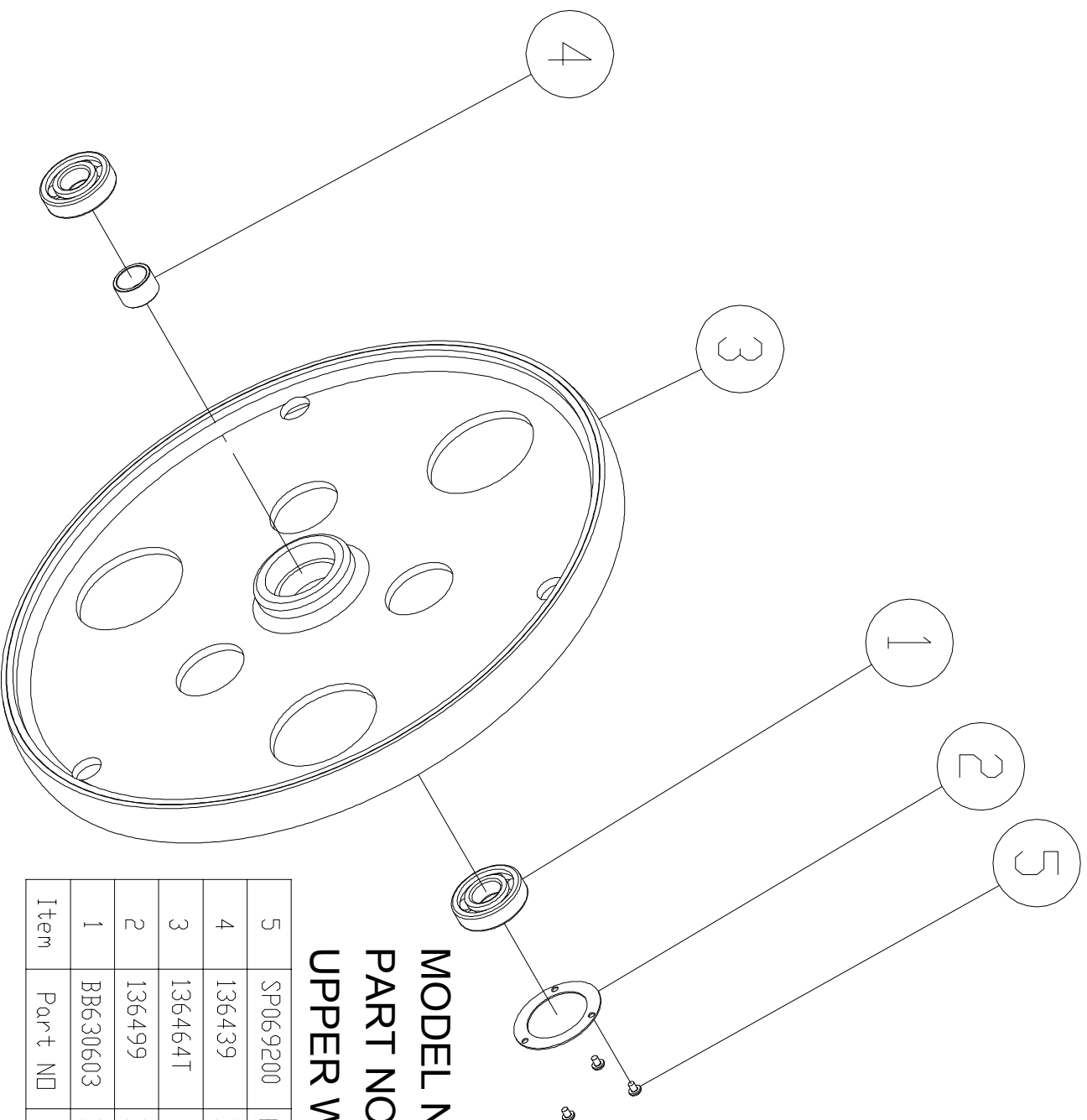
Key No.	Parts No.	Parts Name	Size	Q`TY
126~128, empty, no parts.				
121	WF061310	FLAT WASHER	M6xφ13	1
122	SR060400	HEX SOCKET BOLT	M6x20	1
123	NL061000	NYLON NUT	M6	1
124				
125	AB136488	FENCE ASM		1
129	WF083030	FLAT WASHER	M8xφ30	3
130	WS080000	SPRING WASHER	M8	3
131	SH080400	HEX HEAD BOLT	M8x20	3
132	SR100600	HEX SOCKET BOLT	M10x30	2
133	WS100000	SPRING WASHER	M10	2
134	WF103030	FLAT WASHER	M10xφ30	2
135				
136	136449	BLADE GUADE		1
137	SF060200	PAN HEAD BOLT W/FLANGE	M6x10	2
138	136359	GUADE PAIL PLATE		3
139	WF062320	FLAT WASHER	M6xφ23	3
140	WS060000	SPRING WASHER	M6	3
141	SH060400	HEX HEAD BOLT	M6x20	3
142	136446	HANDLE SHAFT		1
143	620021	KNOB		1
144	SR100700	HEX SOCKET BOLT	M10x35	4
145	WS100000	SPRING WASHER	M10	4
146	WF103030	FLAT WASHER	M10xφ30	4
147	AB136421	TRUNNION BLOCK(ASM)		1
148				
149	SP040200	PAN HEAD BOLT	M4x10	1
150	600058	POINTER		1
151	136380	GUADE RAIL		1
152	136404	TABLE		1
153	136434	TABLE INSERT		1
154	AB198110	MITER GAUGE ASS`Y		1set
155	SJ059400	HEX SOCKET BOLT HEAD SCREW	M5x16	2
156	WS050000	SPRING WASHER	M5	2
157	WF051210	FLAT WASHER	M5xφ12	2
158	NF050800	NUT	M5	2
159~168, empty, no parts.				
169	WF081818	FLAT WASHER	M8xφ18	4
170	SJ080600	HEX SOCKET BOLT HEAD SCREW	M8x30	4
171				

Assembly of SBW-6300 CE:

Key No.	Parts No.	Parts Name	Size	Q`TY
172				
173	SR060500	HEX SOCKET BOLT	M6x25	1
174	136452	HANDLE WHEEL		1
175	200404	HANDLE		1
176	AB136550	UPPER GUIDE BAR(ASM)		1
177~180, empty, no parts.				
177				
178				
179				
180				
181	WS080000	SPRING WASHER	M8	4
182				
183	AB136474	GUIDE BRACKET(ASM)		1
184	SR089400	HEX SOCKET BOLT	M8x16	2
185	WS080000	SPRING WASHER	M8	2
186	136462	SUPPORT PLATE		1
187	WF083030	FLAT WASHER	M8xφ30	4
188	SJ080400	HEX SOCKET BOLT HEAD SCREW	M8x20	4
189	SR060200	HEX SOCKET BOLT	M6x10	2
190	NL081300	NYLON NUT	M8	1
191	WF083030	FLAT WASHER	M8xφ30	2
192	136471	SLIDING PLATE		1
193	SH081100	HEX HEAD BOLT	M8x55	1
194	WS060000	SPRING WASHER	M6	2
195				
196				
197	136452	HANDLE WHEEL		1
198	200404	KNOB		1
199	SR060400	HEX SOCKET BOLT	M6x20	1
200~216 empty, no parts.				
217	SR060200	HEX SOCKET BOLT	M6x10	1
218	WS060000	SPRING WASHER	M6	1
219	WF062320	FLAT WASHER	M6xφ23	1
220	136467	SUPPORT PLATE		1
221	WF061920	FLAT WASHER	M6xφ19	1
222	SR060200	HEX SOCKET BOLT	M6x10	1
223	136485	PROTECT COVER(ASM)		1
224	WF061920	FLAT WASHER	M6xφ19	2
225	SR060200	HEX SOCKET BOLT	M6x10	2
226	136551	SLIDING PLATE		1

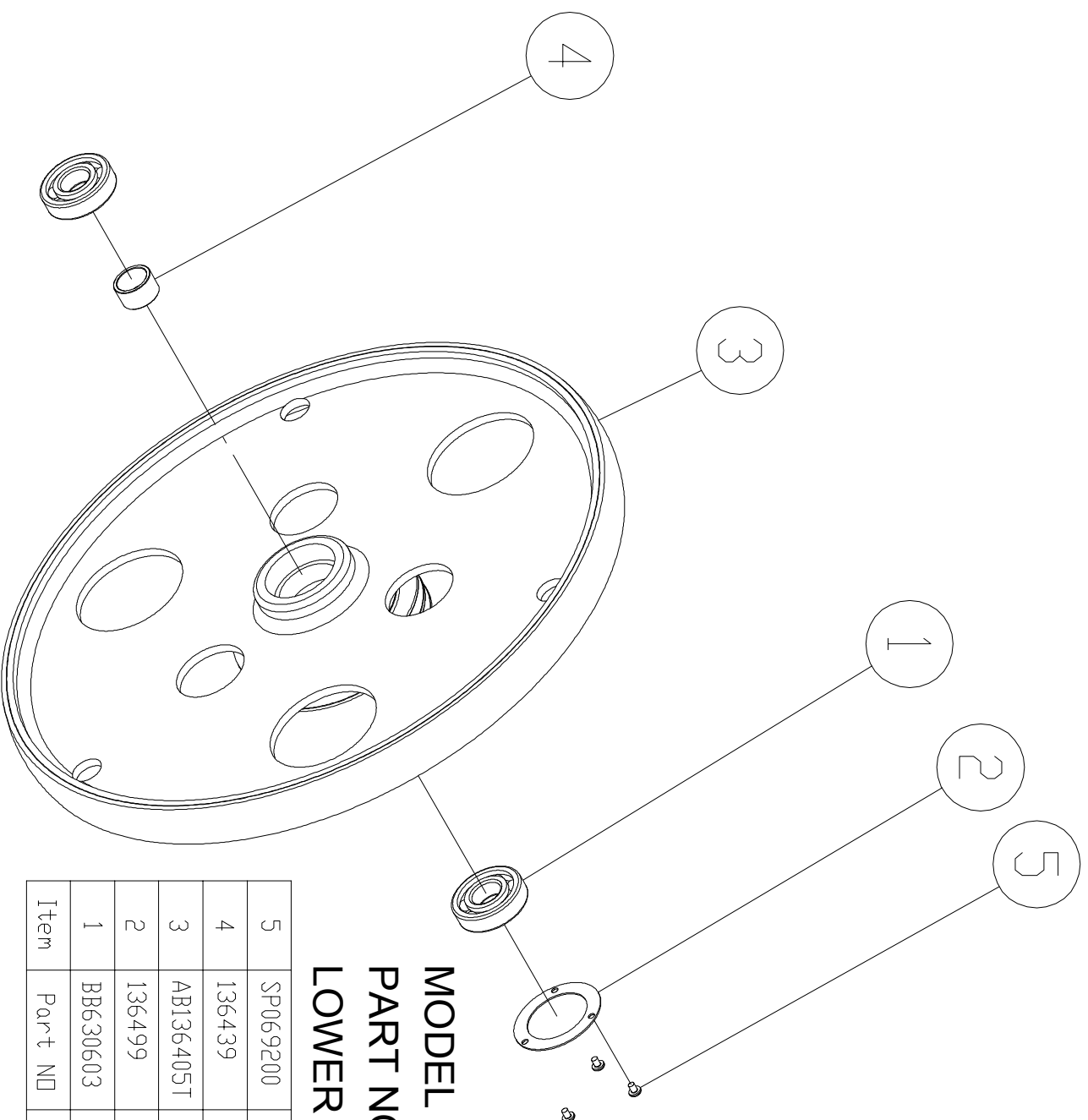
Assembly of SBW-6300 CE:

Key No.	Parts No.	Parts Name	Size	Q`TY
227	135054	FIBER WASHER	φ13x6x1.2	1
228	135073	STEP SCREW		1
229	AB136513	LOWER BLADE GUIDE ASS`Y		1
230	AB136500	UPPER BLADE GUIDE ASS`Y		1
231				
232				
233	WF040805	FLAT WASHER	M4xφ8	1
234	998625	CORD CLAMP	5/16"	2
235	ST040200	TAPPING SCREW	M4x10	2
236	WF062320	FLAT WASHER	M6xφ23	2
237	SR060200	HEX SOCKET BOLT	M6x10	2
238	WF061310	FLAT WASHER	M6xφ13	2
239	136547	SUPPORT PLATE		1
240				
241	136470-1	NYLON PIECE		1
242	SP040200	PAN HEAD BOLT	M4x10	2
243	WE040000	STAR WASHER	M4	4
244	NH121900	NUT	M12	1



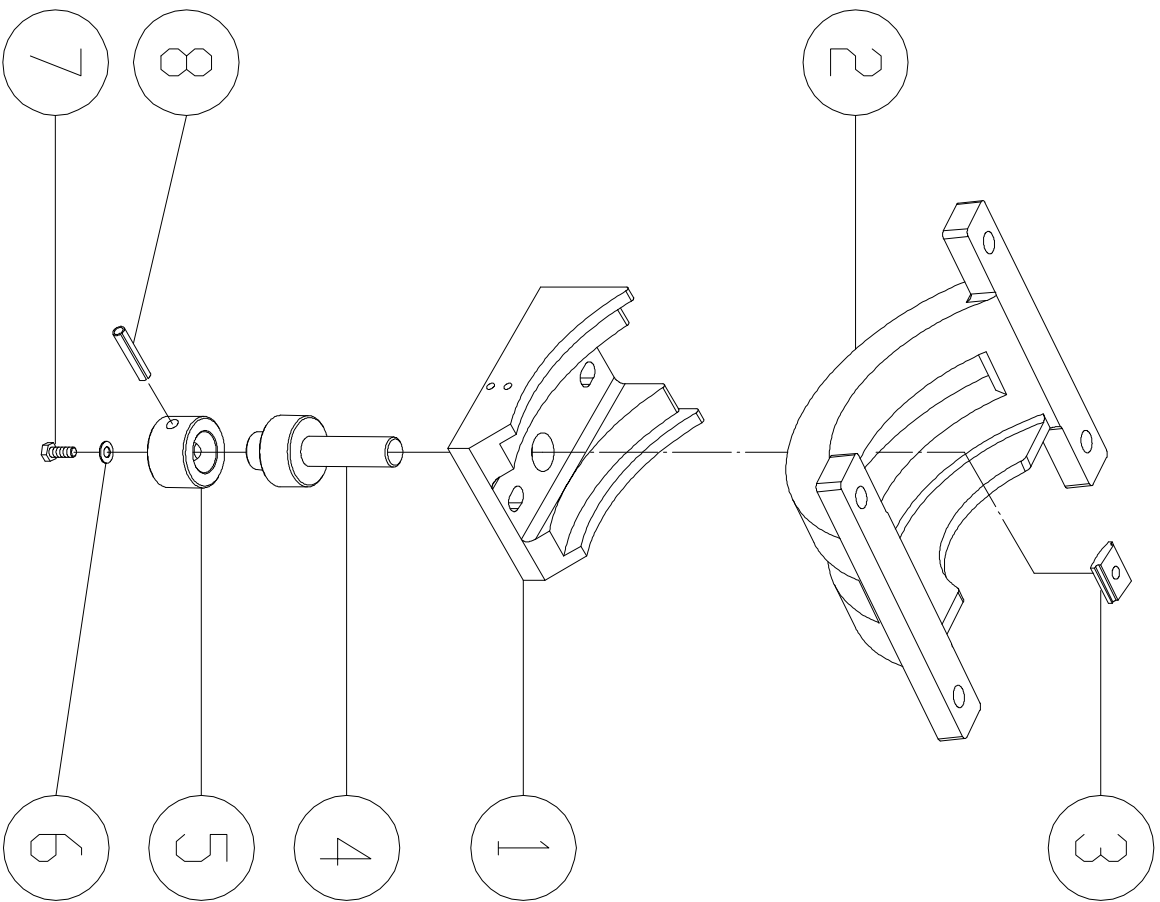
MODEL NO.: 24 Inch Band Saw
PART NO.: AB136464T
UPPER WHEEL (ASM)

5	SP069200	PAN HEAD BOLT		3
4	136439	BUSHING		1
3	136464T	UPPER WHEEL ASM		1
2	136499	BALL BEARING PLATE		1
1	BB630603	BALL BEARING	6306LLU	2
Item	Part NO	Description	Size	Qty



MODEL NO.: 24 Inch Band Saw
PART NO.: AB136463T
LOWER WHEEL (ASM)

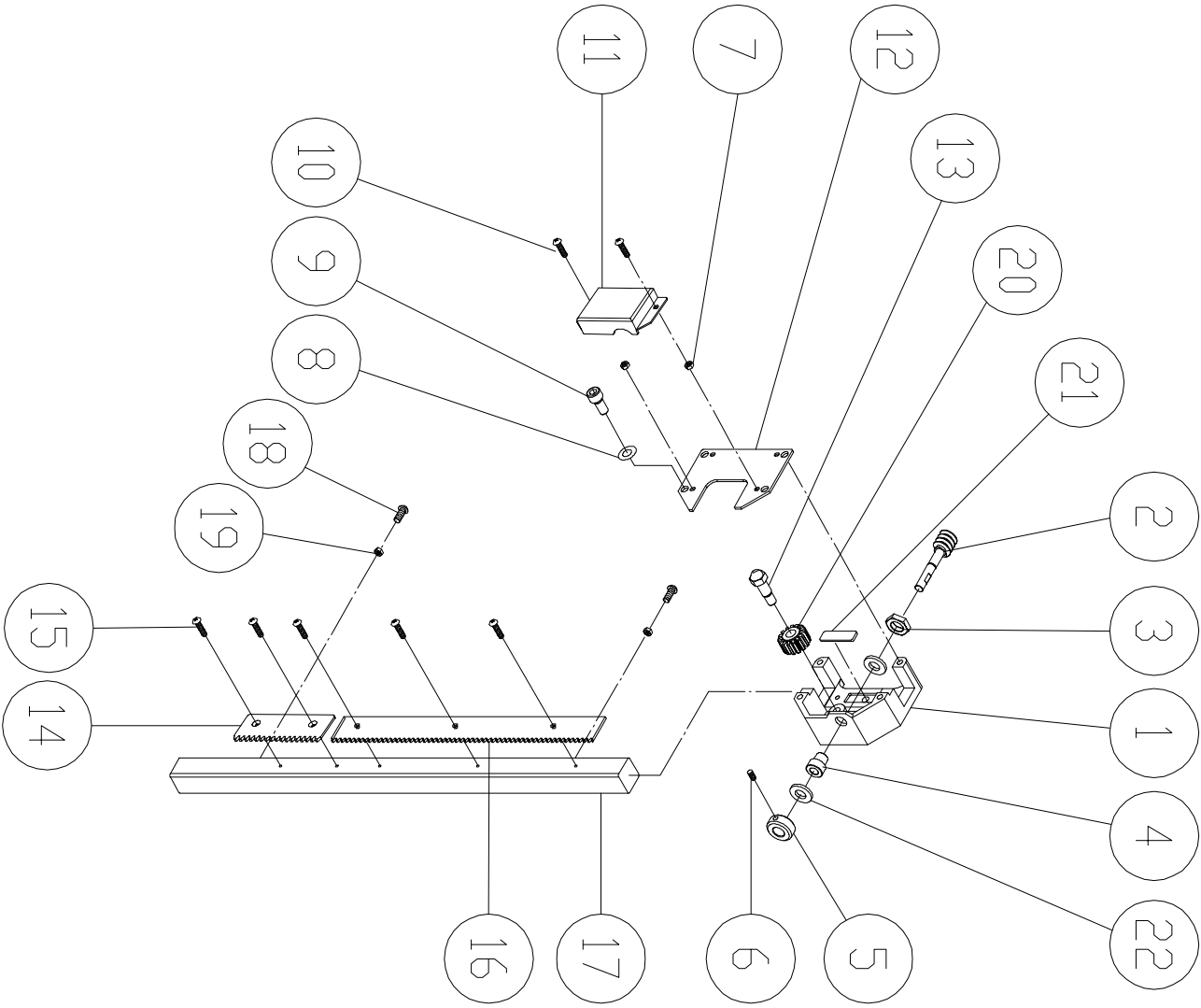
5	SP069200	PAN HEAD BOLT		3
4	136439	BUSHING		1
3	AB136405T	LOWER WHEEL ASM		1
2	136499	BALL BEARING PLATE		1
1	BB630603	BALL BEARING	6306LLU	2
Item	Part NO	Description	Size	Qty



MODEL NO.: 24 Inch Band Saw
PART NO.: AB136421
TRUNNION BLOCK (ASM)

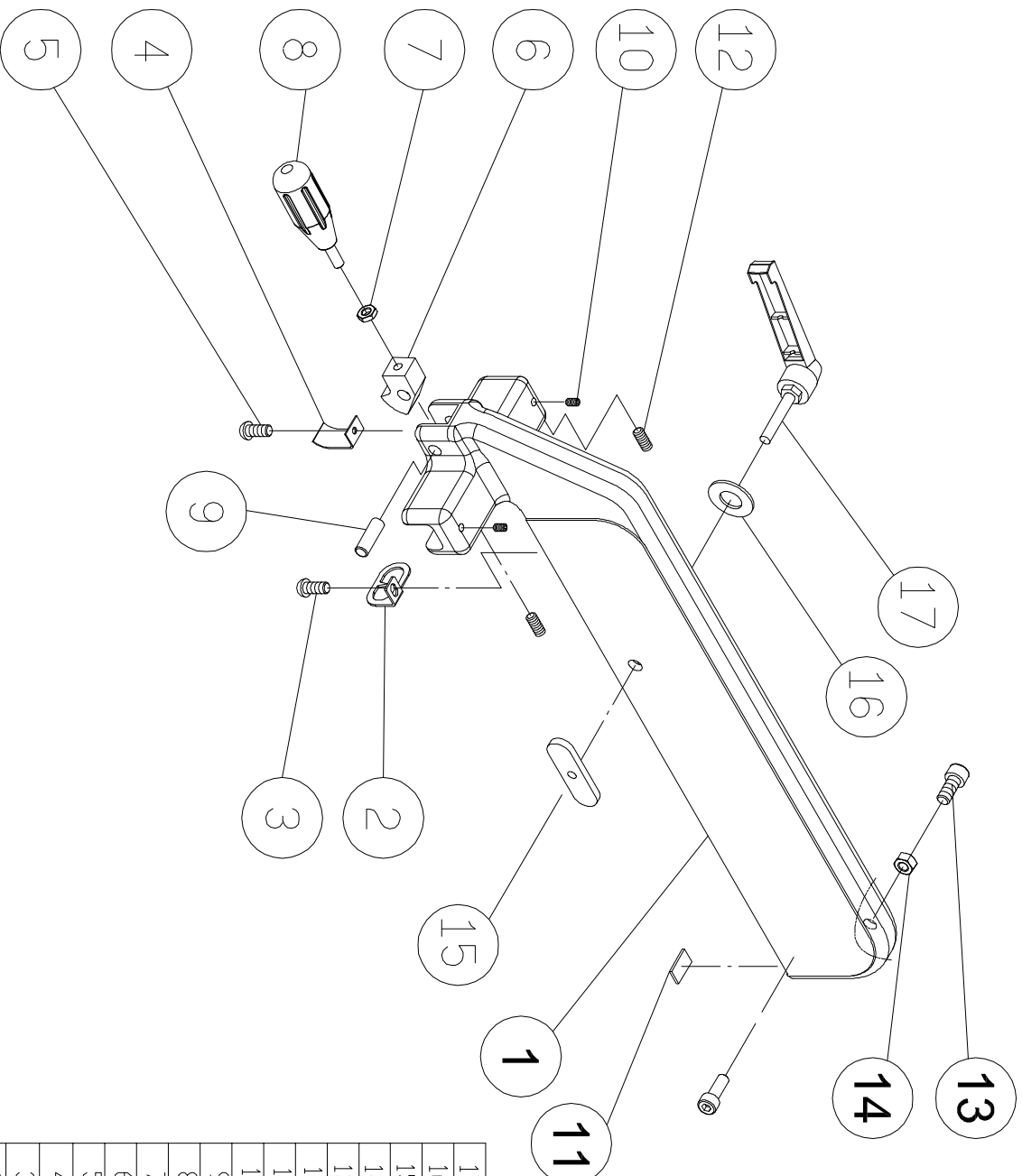
08	PS063600	HEX SOCKET BOLT	ø6×36L	1
07	SR080500	RETAINING RING	M8×P1.25×25L	1
06	WS080000	BALL BEARING	M8	1
05	136432	PIN		1
04	136431	UPPER GUIDE BLOCK		1
03	136428	SHAFT		1
02	136421	HEX HEAD BOLT		1
01	136420	UPPER GUIDE BLOCK		1
Item	Part NO	Description	Size	Q'ty

MODEL NO.: 24 Inch Band Saw
PART NO.: AB136474 GUIDE BRACKET (ASM)



22	200069	FIBER WASHER		2
21	135062	FIXED PLATE		1
20	136484	GEAR		1
19	NH040700	NUT	M4	2
18	SP040200	PAN HEAD BOLT	M4x10	2
17	136460	SQUARE TUBE		1
16	136466	RACK		1
15	SN040200	COUNTER SUNK BOLT	M4xP0.6x10	5
14	136465	EXTENSION RACK		1
13	016320	FIXED BOLT		1
12	135046	COVER		1
11	136469	COVER		1
10	SF050200	PAN HEAD BOLT W/FLANGE	M5xP0.8x10L	2
09	SR089400	HEX SOCKET BOLT	M8xP1.25x16L	4
08	WS080000	SPRING WASHER	M8	4
07	NH051000	NUT	M5xP0.8	2
06	SS050100	SET SCREW	M5xP0.8x5L	1
05	135015	SWITCH BUSHING		1
04	136453	BUSHING		1
03	136473	NUT	M16xP1.5	1
02	135033	WORM CYLINDER		1
01	135050	GUIDE BRACKET		1
Item	Part NO	Description	Size	Q'ty

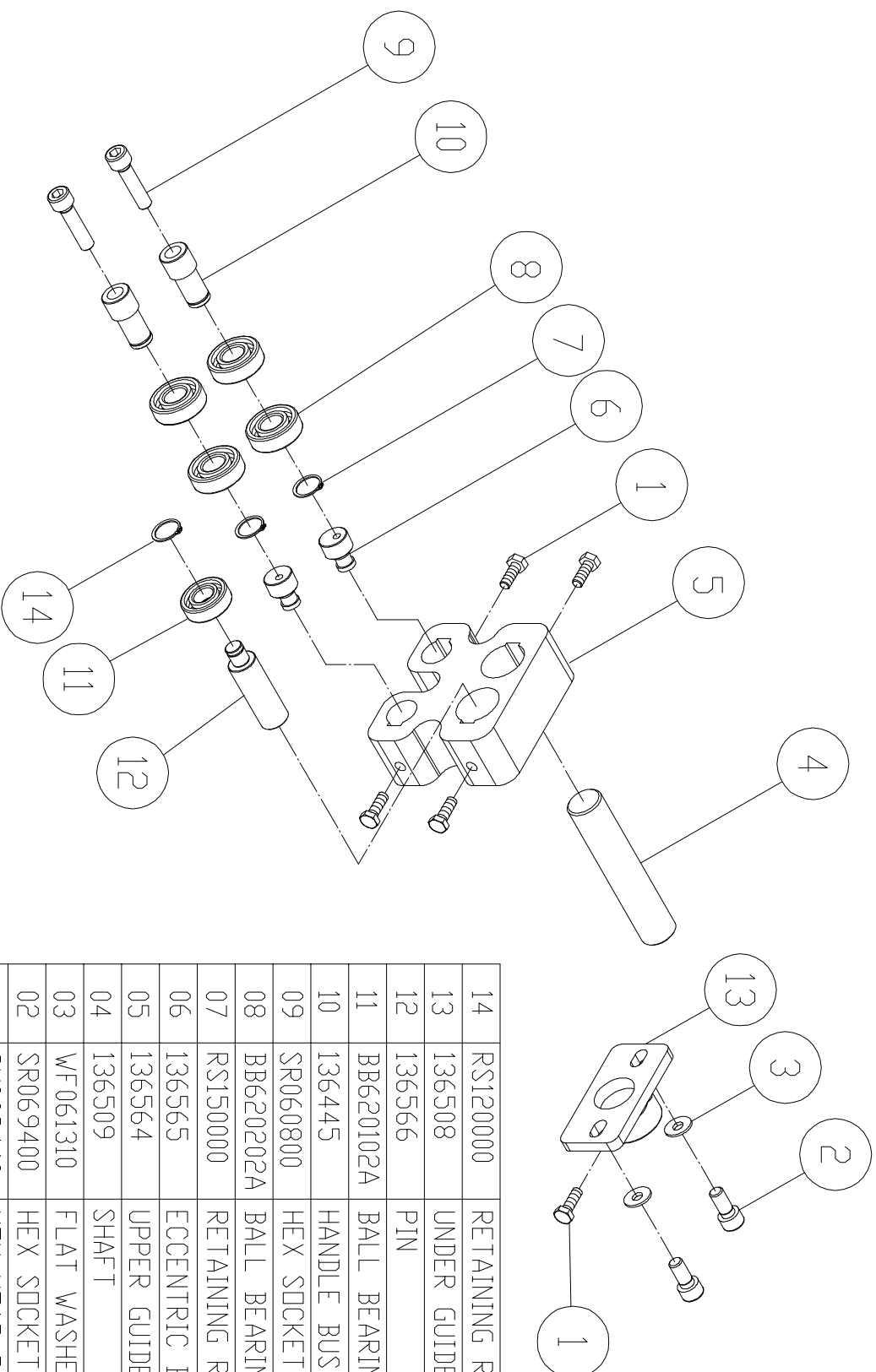
Item no. 3 & 4 are connect to each other, has old and new version,
we suggest you to place two parts together to prevent the problem.
(When you order item 3 order item 4 together)



MODEL NO.: 24 Inch Band Saw
PART NO.: AB136488
FENCE SET

NOTE: H=AH198018

17	198074	FLAT WASHER	M8x45L	1
16	WF083030	HEX SOCKET BOLT	M8xØ30x±3	1
15	200527	SHIFTING BLOCK		1
14	NH081304A	NUT	M8X5T	1
13	SR080400	HEX SOCKET BOLT	M8X20L	1
12	SS089307	SET SCREW	M8x12L	2
11	136470-1	NYLON PIECE		1
10	990306	PLASTIC SET SCREW	M7x10L	2
9	198035	SHAFT		1
8	198013	HANDLE		1
7	NH081300	NUT	M8	1
6	198004	FIXED LUMP		1
5	SF049200	PAN HEAD BOLT W/FLANGE	M4x8L	1
4	198006	SPRING PIECE		1
3	SF059200	PAN HEAD BOLT W/FLANGE	M5x8L	1
2	136476	POINTER		1
1	136488	FENCE		1
Item	Part NO	Description	Size	Q'ty



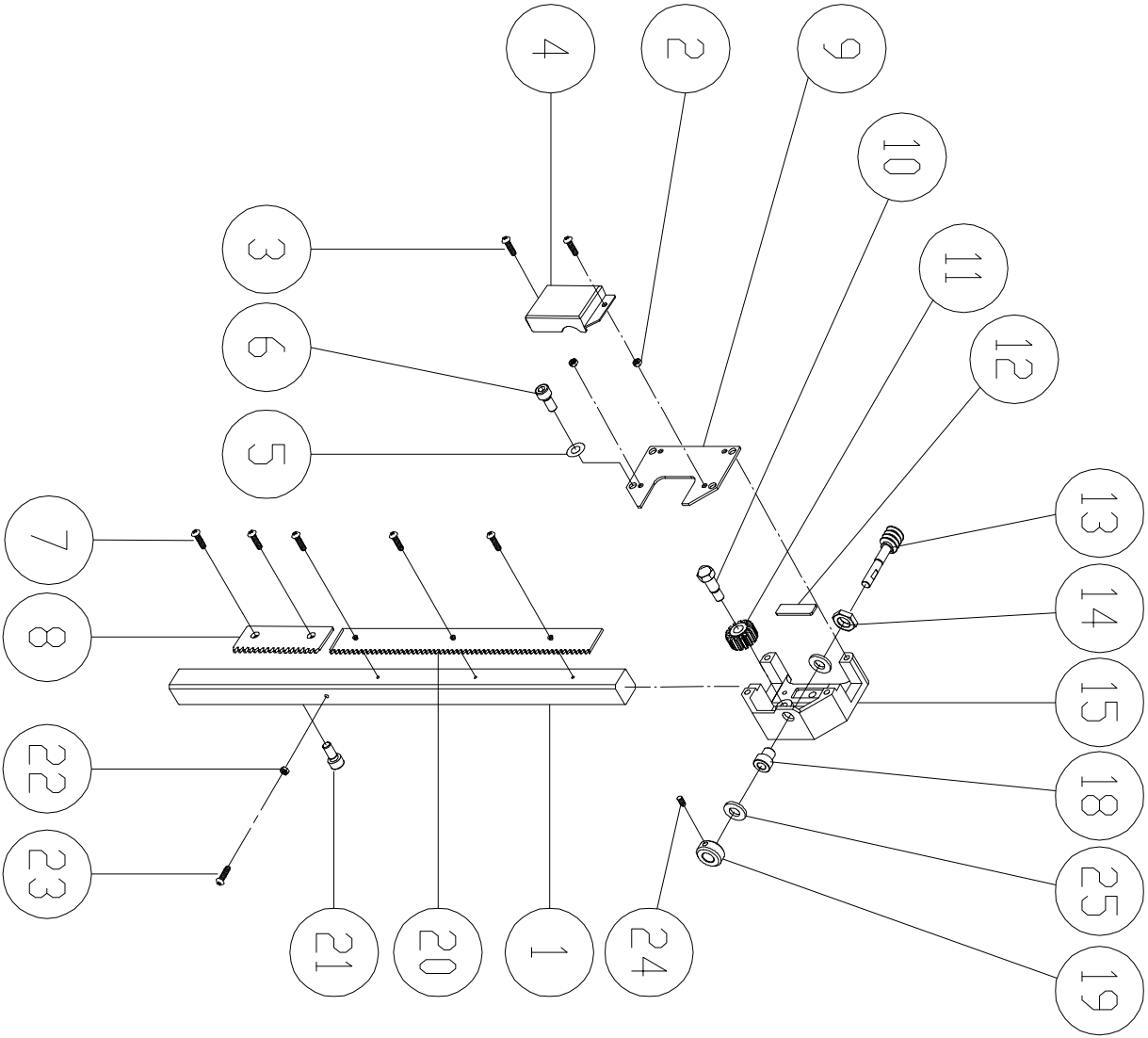
14	RS120000	RETAINING RING	S12	1
13	136508	UNDER GUIDE BLOCK		1
12	136566	PIN		1
11	BB620102A	BALL BEARING	6201ZZ	1
10	136445	HANDLE BUSHING		2
09	SR060800	HEX SOCKET BOLT	M6x40	2
08	BB620202A	BALL BEARING	6202ZZ	4
07	RS150000	RETAINING RING	S15	2
06	136565	ECCENTRIC BUSH		2
05	136564	UPPER GUIDE BLOCK		1
04	136509	SHAFT		1
03	WF061310	FLAT WASHER	M6xØ13	2
02	SR069400	HEX SOCKET BOLT	M6x16	2
01	SH069440	HEX HEAD BOLT	M6x16	5
Item	Part No	Description	Size	Qty

MODEL NO.: 24 Inch Band Saw

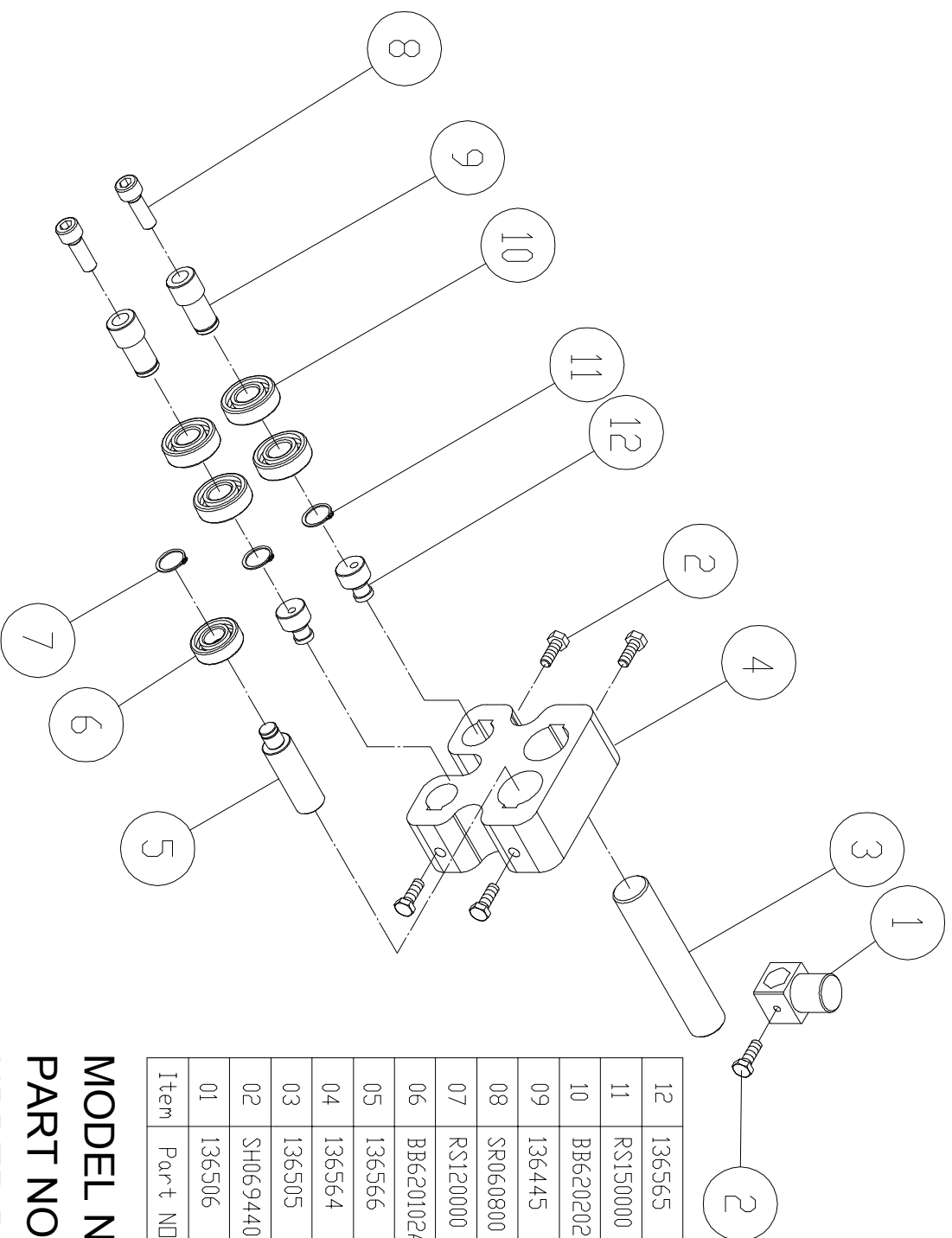
PART NO.: AB136508

LOWER BALL BEARING GUIDE (ASM)

MODEL NO.: 24 Inch Band Saw
PART NO.: AB136550 UPPER GUIDE BAR (ASM)



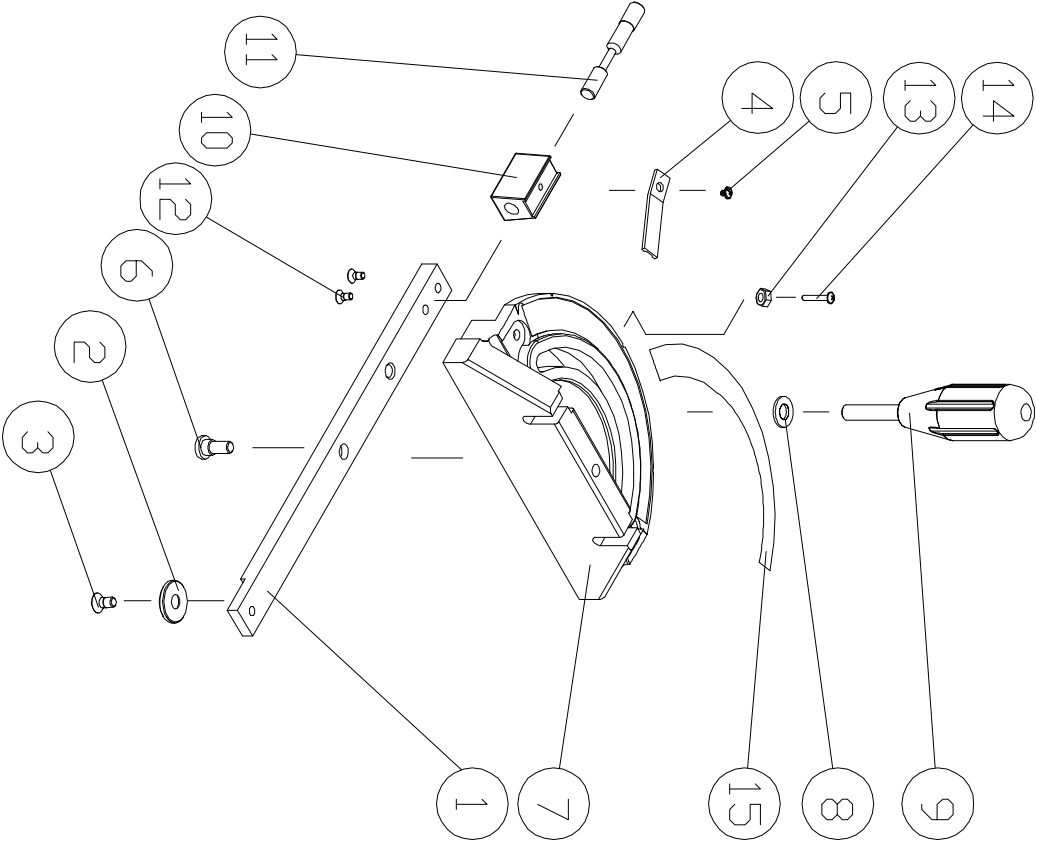
25	200069	FIBER WASHER		2
24	SS050100	SET SCREW	M5xP0.8x5L	1
23	SP040200	PAN HEAD BOLT	M4xP0.7x10L	1
22	NH040700	NUT	M4xP0.7	1
21	SR069400	HEX SOCKET BOLT	M6x16L	1
20	136466	RACK		1
19	135015	SWITCH BUSHING		1
18	136453	BUSHING		1
15	136474	GUIDE BRACKET		1
14	136473	NUT	M16xP1.5	1
13	135033	WORM CYLINDER		1
12	135062	FIXED PLATE		1
11	136484	GEAR		1
10	016320	FIXED BOLT		1
09	135046	COVER		4
08	136465	EXTENSION RACK		1
07	SN040200	COUNTER SUNK BOLT	M4xP0.6x10	5
06	SR089400	HEX SOCKET BOLT	M8xP1.25x16L	4
05	WS080000	SPRING WASHER	M8	4
04	136469	COVER		1
03	SF050200	PAN HEAD BOLT W/FLANGE	M5xP0.8x10L	2
02	NH051000	NUT	M5xP0.8	2
01	136550	UPPER GUIDE BAR		1
Item	Part NO	Description	Size	Qty



12	136565	ECCENTRIC BUSH		2
11	RS150000	RETAINING RING	S15	2
10	BB620202A	BALL BEARING	6202ZZ	4
09	136445	HANDLE BUSHING		2
08	SR060800	HEX SOCKET BOLT	M6x40	2
07	RS120000	RETAINING RING	S12	1
06	BB620102A	BALL BEARING	6201ZZ	1
05	136566	PIN		1
04	136564	UPPER GUIDE BLOCK		1
03	136505	SHAFT		1
02	SH069440	HEX HEAD BOLT	M6x16	5
01	136506	UPPER GUIDE BLOCK		1
Item	Part No	Description	Size	Qty

MODEL NO.: 24 Inch Band Saw
PART NO.: AB136564
UPPER BALL BEARING GUIDE (ASM)

MODEL NO.: 24 Inch Band Saw
PART NO.: AB198110
MITER GAUGE (ASM)



15	LM198110	SCALE		2
14	SP049400	PAN HEAD BOLT	M4x16	3
13	NH040700	NUT	M4	3
12	SP550300	PAN HEAD BOLT	3/8"-24UNC	2
11	198112	LOCATE BAR		1
10	198111	FIXED BLOCK		1
09	198115	HANDLE		1
08	WF081818	FLAT WASHER	M8x18	1
07	198116	MITER GAUGE BODY		1
06	198114	STEP SCREW		1
05	SP550300	PAN HEAD BOLT	3/8"-24UNC	1
04	198113	POINTER		1
03	SN069200	COUNTER SUNK BOLT	M6x8	1
02	198102	GUIDE PIECE		1
01	198110	GUIDE BAR		1
Item	Part NO	Description	Size	Qty

9. MAINTENANCE & TROUBLESHOOTING

WARNING: For your own safety, turn the switch " OFF" and remove plug of the power source before maintaining your bandsaw.

TIRES

Pitch and sawdust that build up on the tires should be removed with a stiff brush or scrape the sawdust with a piece of wood.

NOTE: To reduce the risk of damaging the tires, do not use a sharp knife or any kind of solvent. When the tire becomes worn, they should be replaced. When replacing the tires, stretch them around the wheels but do not glue them on.

GENERAL MAINTENANCE

Keep your band saw clean. Remove the sawdust from the inside. Vacuum or blow out frequently.

Do not allow residue to build up on the table, the guides or the back-up bearings. Clean them with gum and pitch remover.

Note: Do not immerse the back-up bearings in the gum and pitch remover. Put a thin coat of paste wax on the table so that wood slides easily while cutting.

MOTOR

Frequently blow or vacuum out the sawdust from the motor.

CAUTION: To reduce the risk of eye injury from blowing debris, wear safety glasses when blowing out dust.

LUBRICATION

All of the bearing are packed with grease at the factory. They require no further lubrication.

PROBLEM	SOLUTION
The motor will not start.	<ol style="list-style-type: none">1. Band saw is not plugged in.2. A household circuit has blown a fuse or an open circuit breaker.3. power cord is damaged. Replace.4. Switch is not in the " ON" position.5. Motor requires service.
The band saw blade does not move although motor is running.	<ol style="list-style-type: none">1. Blade tension knob is not tight. Turn motor off, tighten knob and restart the band saw.2. Blade has slipped off pulley wheel. Open cover housing and check.3. Blade is broken. Replace.
The blade will not cut or cuts slowly.	<ol style="list-style-type: none">1. Contact has dulled teeth with hardened steels or long usage. Replace.2. Blade mounted backwards.
Sawdust fills inside the band saw.	<ol style="list-style-type: none">1. This is normal, clean out periodically.2. Remove cover housing. Use vacuum cleaner to remove dust.
Sawdust in motor housing.	<ol style="list-style-type: none">1. Use a vacuum cleaner nozzle on air intake and exhaust grilles.2. Keep workplace cleaner. Clean up excess sawdust frequently.
Unable to get the blade to track in the driver of wheel.	<ol style="list-style-type: none">1. Backing bearing is not properly adjusted.2. Tension wheel is not properly adjusted.3. Bad blade, replace.