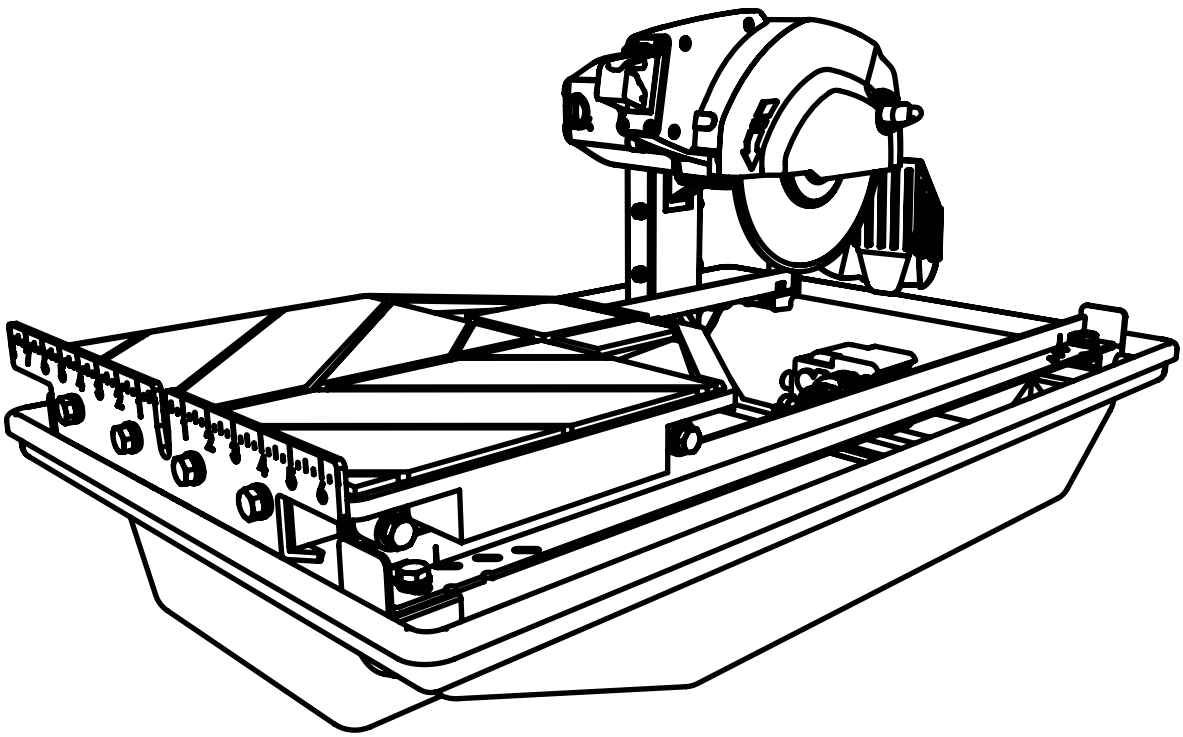
T7

WET TILE SAW

SAWMASTER

Owner's Manual

Keep for your records



ATTENTION!

Read safety and operating instructions carefully before operating the saw for the first time. Retain manual for future reference.

Contents

Safety Precautions

⚠ WARNING

A. Saw blade should be inspected daily for excessive wear, core cracks and arbor damage. Replace any blade that shows signs of damage.

B. To mount the blade, clean the arbor and outer flanges, and tighten the nut securely.

C. DO NOT place any portion of your body in line with the blade while it is rotating.

D. Wet cutting blades MUST be used with water.

E. To reduce the risk of electrical shock, we recommend the use of GFCI and to refer servicing to a qualified professional.

F. When operating the saw, be sure to wear proper safety gear, such as safety glasses, dust mask, and hearing protection. A hard hat is also recommended.

G. Never use the machine improperly or work in an unsafe manner.

H. Maintain alertness while operating the machine. Failure to maintain attention, by the operator, may lead to serious injury.

I. Keep work area clean.

J. Before you start working, familiarize yourself with the work site and its surroundings. Take notice of circumstances which may impede work or traffic, observe soil conditions (good bearing or not) and take measures to ensure safety (e.g. the shielding of roadworks from public traffic).

K. Take measures to ensure that the machine is in a safe and trouble-free condition prior to usage. Use the machine only when all protective devices (i.e. guards, noise absorbers, emergency-off devices) are in place and in working order.

L. A visual check of the machine must be made at least once a shift to ensure that visible damages or faults are recognized. Any changes (including changes in the performance or behavior of the machine) must be reported to the supervisor. If necessary, stop the machine at once and secure it.

M. In the case of a malfunction, stop the machine immediately and secure it. Fix the problem as soon as possible.

N. To stop and start the machine follow the operating instructions and observe any indicator lights.

O. Keep out of reach of children. Before operating machine, be sure the activated machine will be of no danger to anyone.

P. Be sure to connect the plug to a properly grounded receptacle to reduce the risk of electric shock.

Q. Wear proper apparel. Do not wear loose clothing or accessories. Keep hair and body parts away from openings and moving parts.

R. If cord/plug is damaged do not operate.

S. Make sure power switch is in "off" position before plugging in power cord to prevent any accidental activation.

T. When machine is plugged in do not leave it unattended. Unplug prior to servicing, when changing accessories, and when not in use.

U. Never carry machine by cord. Do not pull cord to unplug. Keep cord away from heat, sharp edges and oil.

V. Do not operate the machine when you are tired or while under the influence of drugs, alcohol or any medication.

W. Never operate this unit when flammable materials or vapors are present. Electrical devices produce sparks or arcs which can cause a fire or explosion.

X. When using an extension cord, make sure it is in good condition and heavy enough to carry the current drawn by the machine. Refer to the extension cord table in the "Electrical Specifications" section for the correct gauge depending on the desired cord length and the machine's horse power and voltage.

Health Warning

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks, cement and other masonry products, and
- Arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: Work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

Unpacking

Open the container and carefully lift the saw by the foam packaging and place it on a flat, level working area. Be sure that you have the following items before you discard the container:

- Saw
- Plastic water tray
- Miter block
- Saw blade
- Wrenches
- Water pump
- Rip guide
- Owner's manual

See also page 26 for additional optional accessories.

Set Up

Proceed to the following section to complete the assembly of the saw:

1. Position water pump within the frame before dropping into the water tray.

2. Place guides (rip and miter block), shown below right of the machine, on the table or in the water tray so it is not lost.

3. Place wrenches inside the water tray so it is not lost.

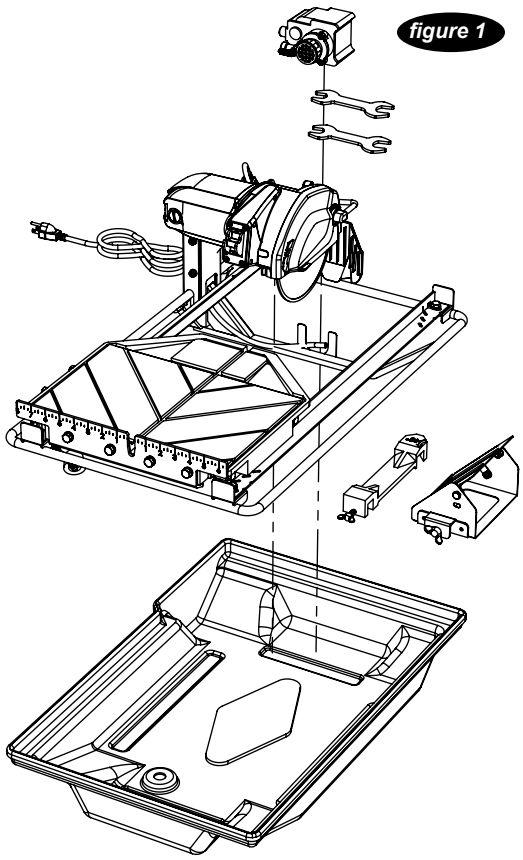
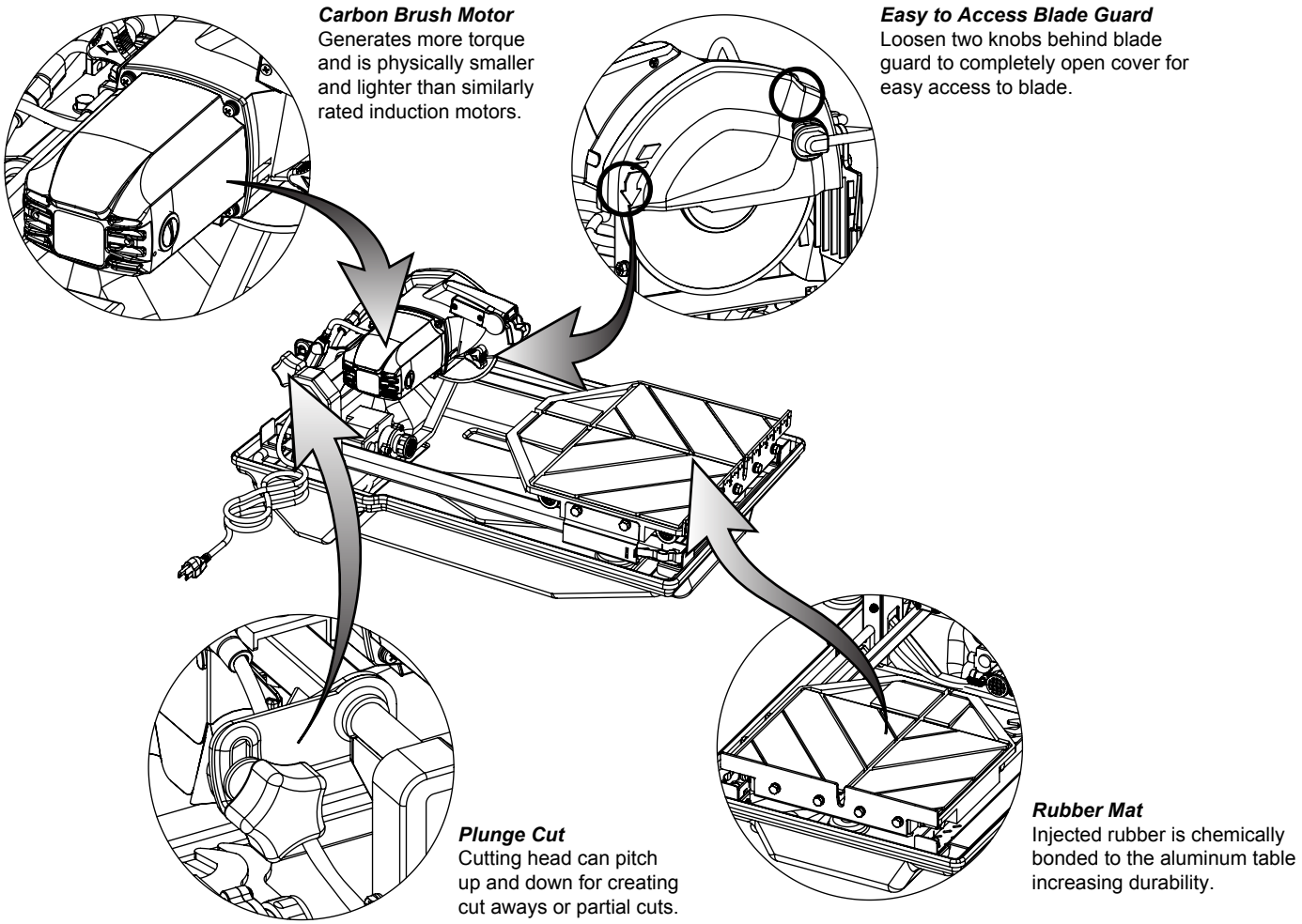


figure 1

Features



Carbon Brush Motor
Generates more torque and is physically smaller and lighter than similarly rated induction motors.

Easy to Access Blade Guard
Loosen two knobs behind blade guard to completely open cover for easy access to blade.

Plunge Cut
Cutting head can pitch up and down for creating cut aways or partial cuts.

Rubber Mat
Injected rubber is chemically bonded to the aluminum table increasing durability.

Specifications

T7					
Motor	**Max. Blade Capacity**	**Cutting Length**	**Cutting Depth**	**Weight**	**Dimensions**
1 HP 115 V/60 Hz, 6000 RPM	7-in blade for 5/8-in arbors	20-in, Diagonally cut 12-in tile	1.7-in	57 lbs	Length: 30-in Width: 20-in Height: 14-in

* Dimensions do not include extension tables and drip trays.

Installation and Operation

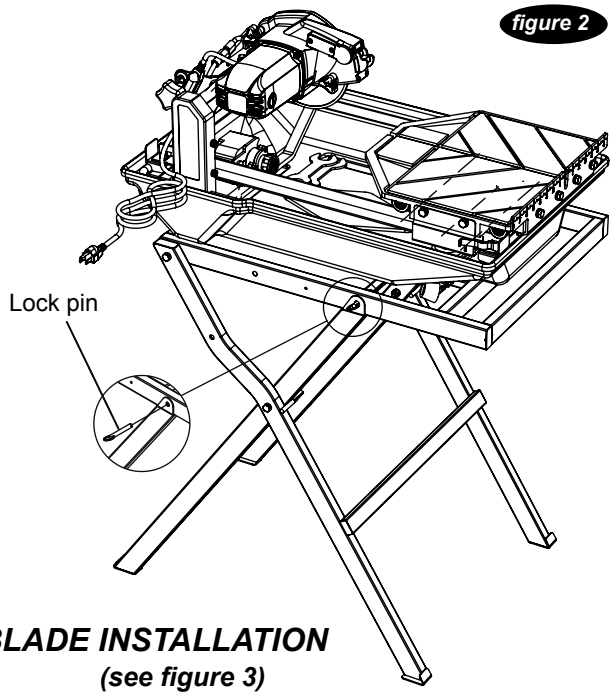
SAW STAND SETUP

1. Remove the folding stand from its box (if available).

2. While holding the stand upright, spread both sets of legs apart and swing the workbench over and on top of the legs.

3. Insert lock pins through the legs and into the workbench. Seat the saw securely onto the stand. ***(see figure 2)***

figure 2



BLADE INSTALLATION
(see figure 3)

1. Turn the two knobs on the inner blade guard counterclockwise until the guard is free.

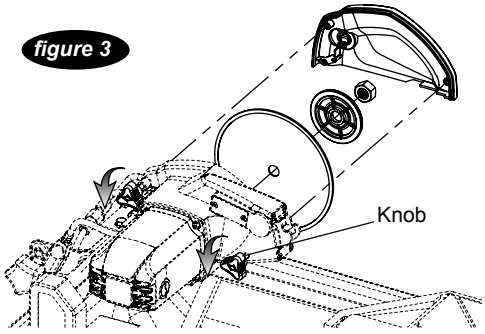
2. Pull the outer blade guard away from the inner blade guard, away from the motor.

3. Remove the blade shaft nut and outer flange. If a blade has been mounted, hold the blade with one hand and use the other hand to loosen the nut with the included wrench. Remove existing blade.

4. Mount new blade, but make certain the arrow on the blade coincides with the rotation direction of the shaft.

5. Note if while loosening or tightening the blade the nut turns independently from the blade, the other included wrench must be used. Find the slot located behind the inner flange on the blade shaft. Use second wrench to hold blade/shaft in place and remove the nut.

figure 3



WATER PUMP INSTALLATION

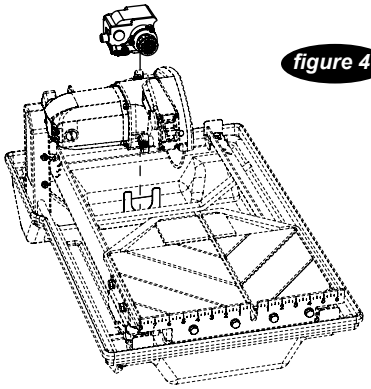
1. Remove the water pump from the box and check that it is not damaged (if not already installed).

2. Place the pump within the water tray such that the water outlet is horizontal. ***(see figure 4)***

3. Connect the water hose from the blade guard to the pump and plug the pump's power cord into the receptacle on the switch box.

4. Fill the water tray so that the water intake is fully immersed. Proper water level must be maintained at all times during saw operation.

figure 4



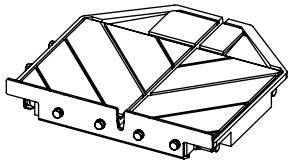
⚠ WARNING:

Disconnect the pump before attempting to handle the pump. ***Never*** *operate pump without water in the tray.*

USING THE CUTTING TABLE

- The ruler guide is made of a thick rigid steel to promote accurate straight cuts. ***(see figure 5)***
- With the tables broad surface area able, the cast aluminum table spans an area of 14-in x 15-in, able to support up to 20-in tiles.
- Cutting table is covered by a rubber mat that provides a firm, durable work surface.
- A rip guide should be used together with the cutting ta ble to ensure precision while making cuts. -

figure 5



USING THE RIP GUIDE

1. Set the rip guide at the desired location on the ruler guide and tighten the threaded knob. Make sure that the rip guide is firmly tightened to avoid slippage. The rip guide can be used for 45˚ and 90˚ cuts.
2. After the rip guide is positioned for the desired cut, place material flat against the rip guide and the ruler guide. ***(see figure 6)***
3. Now you are ready to make your cut.

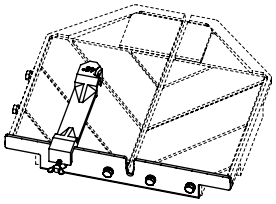


figure 6

PERFORMING DIAGONAL CUTS

1. Remove threaded knob from the end of the rip guide with the horizontal groove and insert it into the other end with the diagonal groove.
2. Set the rip guide onto the ruler guide, such that the top edge of the rip guide is aligned with the diagonal groove to the left of the vertical channel in the cutting table. Tighten threaded knob once in place. ***(see figure 7)***
3. Place one corner of the material being cut in the vertical slot of the ruler guide and rest the adjoining edge flat against the rip guide.
4. Now you are ready to make your cut.

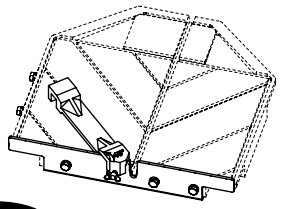


figure 7

SETTING THE CUTTING DEPTH

The recommended cutting depth is ¼-in below the cutting table surface. To adjust the cutting depth, loosen the cutting depth control knob and set the cutting head such that the lowest point of the blade is ¼-in below the table surface.

Blade Diameter	Cutting Depth
7-in	2.25-in

⚠ WARNING:

Setting the blade too low may damage the cutting table and if set too high, the blade may grab the material being cut, possibly causing injury to the operator and the saw.

CLEANING THE WATER TRAY

1. Lift the saw up from inside the water tray.
2. If not able to drain the water tray. With the assistance of another, move the water tray to the proper disposal site and pour the waste water away.
3. Wash away any residue waste still attached to the water tray.
4. Place the saw back into the water tray.
5. Reinsert the water drain plug.

TRANSPORTING THE SAW

1. Ensure that the water tray is empty and dry.
2. Unplug the power cord and store it in the water tray.
3. Secure the cutting table to the front of the saw using the table retention device.
4. Tighten all adjustment handles, in particular the handles that set the cutting depth and maximum cutting length.

Proper Blade Use

	Dos	Don'ts
Wet Cut Blades	• Inspect blades daily for cracks or uneven wear. • Always use appropriate blade for material being cut. • Inspect arbor shaft for uneven wear before mounting blade. • Always use blades with the correct bore shaft size. • Ensure that blade is mounted in the correct direction. • Use proper safety equipment when operating the saw. • Always have a continuous flow of water on both sides of blade. • Secure the blade to the arbor with a wrench.	• Do not operate the saw without safety guards in position. • Do not operate the saw with blades larger than 10-in. • Do not cut dry with blades marked "Use Wet". • Do not exceed manufacturer's recommended maximum RPM. • Do not force blade into material. Let blade cut at its own speed.
Dry Cut Blades	• In addition to the following, always follow wet recommendations. • Use appropriate blade for material being cut. • Inspect segment blades for segment cracking or loss. • Do not use damaged blades. • Use proper safety equipment when operating the saw.	• In addition to the following, always follow wet recommendations. • Do not make long cuts with dry blades. Allow them to air cool. • Do not use the edge or side of blade to cut or grind. • Do not attempt to cut a radius or curve. • Do not cut too deep or too fast into the material. • Do not cut any material not recommended by blade manufacturer.

Care and Maintenance

⚠ WARNING:

For your safety, before performing any maintenance on the saw turn OFF the power switch and UNPLUG the power cord.

GENERAL RULES

- Always clean the machine before performing any maintenance/repair.
- Before performing any cleaning/maintenance/repair, the machine must be switched off with the main power switch.

Steps to Follow When Cleaning:

- Please do not use aggressive cleaners (i.e. containing solvents). Do not use high-pressure water jets, aggressive detergents or solutions and liquids with a temperature exceeding 86ºF! Use a fluff-free cloth only.
- Use a cloth which may be lightly moistened only for removing dust and dirt. Hard packed dirt can be removed with a soft brush.
- For the sake of safety, no water/cleaning liquid/vapor may penetrate into the electric motor, connectors/plugs, switches, etc. Therefore cover all apertures, holes in the housing, connectors or plugs, etc. or seal them with adhesive tape!
- Use a soft, low-pressure water jet and a brush to rinse dirt and incrustations away. Be particularly careful when near hazardous parts of the machine (e.g. switch, motor). Clean the motor and switches only by wiping with a moist cloth.
- Do not “rinse” the bearings of the drive elements to prevent them from running dry. The ball bearings of the machine are permanently lubricated.
- After cleaning, remove all covers and adhesive tape! All screws/nuts which you may have loosened must be tightened again!
- After wet cleaning, try the machine on a power outlet which is equipped with a power breaker (i.e. fault current circuit breaker). If the fault current circuit breaker cuts the power supply, the machine must be inspected by an authorized dealer prior to use!

CLEANING

After every use of the machine:

- Remove dirty water from container.
- Remove dirt and mud from the bottom of the container.
- Rinse the immersion pump with fresh water to prevent the water pump from clogging with residual dirt.

After wet cleaning and before using the machine again:

- Connect the machine to an electric power outlet equipped with a “GFCI” safety power breaker. If the safety power breaker cuts off the electrical power supply, do not try to operate the machine but have it checked by an authorized dealer first.

PROLONGED PERIOD OF NONUSE

Before not using the machine for a prolonged period of time:

- Clean and lubricate all movable parts. However, do not grease the guide rails.

After not using the machine for a prolonged period of time:

- Check that the stand is safely fixed.
- Check that all screw joints and nuts are fixed.
- Check that the cutting table is seated properly on the guide rails and that it moves easily along the entire length of the rails.
- With the saw blade removed, switch on the motor for an instant and switch it off again. If the motor does not run, have the machine inspected by a qualified electrician.
- Check that the immersion pump works properly. Turn on the cooling water tap and switch the machine on. If the pump does not give any water or only a little, switch the machine off at once. Clean the pump, or replace if necessary.

EXTREME TEMPERATURE

Ambient temperature below 32° F (Winter):

- To prevent the water in the pump and cooling system from freezing, remove the water after using the machine or when there will be a long break. Make sure that the cooling system is entirely drained so that there is no water left inside the pump and water hose!

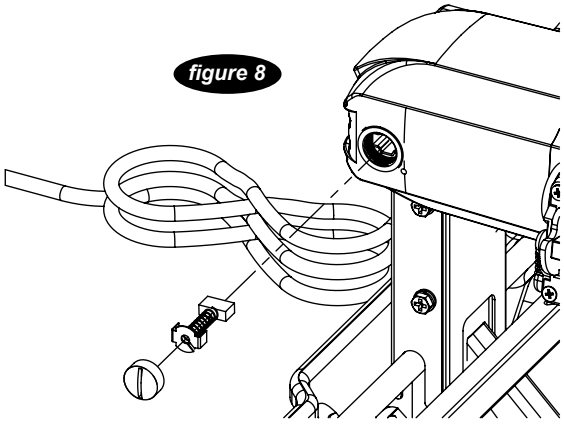
WATER PUMP MAINTENANCE

When the machine has not been used for a long period of time, hard packed dirt may begin to build up inside the pump and block the pump wheel. If the machine is activated with the immersion pump blocked, the electric motor of the pump will be damaged within a few minutes! Please follow the steps listed below to clean the pump before operating the saw:

1. Remove the immersion pump from the water container.
2. Clean the immersion pump.
3. Loosen the fixing screws of the pump lid.
4. Take the lid off the pump. Be careful not to damage or lose the gasket underneath.
5. Clean the pump lid.
6. Remove all dirt and incrustations from the pump wheel.
7. Check whether the pump wheel can be easily turned.
8. Then reassemble the immersion pump correctly and check whether it works properly.

CARBON BRUSH REPLACEMENT

1. Unplug the saw before proceeding any further.
2. Locate the carbon brush caps found on the left and right side of the motor housing. Remove the caps (turn counter-clockwise to unscrew) to allow the carbon brushes to spring out. ***(see figure 8)*** If they do not come out after the caps are removed, use a flat screw driver to gently nudge them out.



3. When installing the new brushes, make sure they fit snugly into the slots. Do not modify the replacement brushes (i.e. file them down) or use non OEM brushes, as it may damage the armature and in doing so voids the manufacturer warranty.
4. Perform steps 1 through 3 in reverse to reinstall the fan cover.

REALIGNMENT

Method 1:

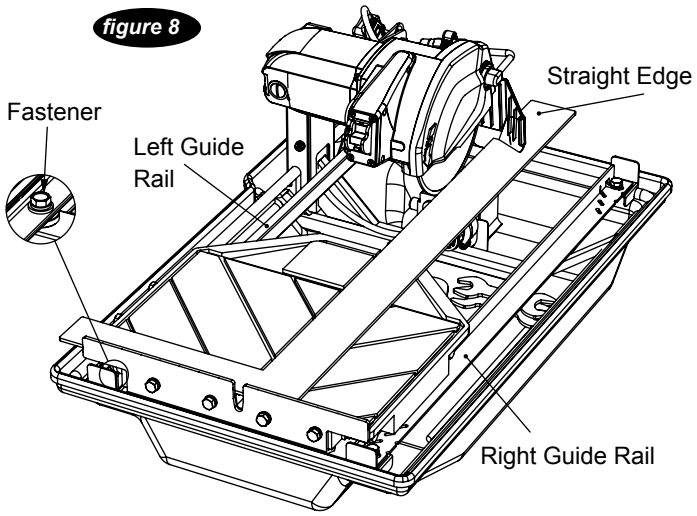
This procedure deals with the most common source of misalignment that occurs when the guide rails are not parallel with the blade.

1. Set the cutting depth such that the blade passes through the table, not over.

2. Place a straight edge (i.e. carpenter's square) on the cutting table as shown in ***figure 8.***

3. Loosen the left and right guide rails by loosening the fasteners found at the ends of the rail. ***(see figure 8)*** The left rail should be slightly loose, so there is not too much play during adjustments, but the right rail should move freely as it will be adjusted last.

figure 8



4. Make sure the short portion of the straight edge is placed flush against the ruler guide. Adjust the left guide rail so that the front and rear edges of the blade touch the straight edge, although a tolerance of 0.1mm between the front and rear edges is allowed. Perform this adjustment along the entire length of the straight edge.

5. Position the table as close to the user as possible. Place the straight edge flush against the ruler guide and blade. Without holding onto the straight edge, gently move the table towards the rear of the saw and then back. Observe any gaps that may appear between the straight edge and blade or between the straight edge and ruler guide. A gap exceeding the allowed tolerance means that the table is not moving parallel to the blade; hence, further adjustments as outlined in step 4 will be required. However, if scenario A or B described below occurs, other adjustments may be required instead.

   A. If the straight edge only touches the blade when the table is positioned midway along the rail or at the ends of the rail, then the rail may be deformed (i.e. bowed). ***(see figure 12)*** Perform test cuts to determine if the rail should be replaced. Typically a bowing displacement of about 0.2mm will not affect cutting accuracy.

figure 9

   B. If the straight edge touches both edges of the blade initially, but shifts apart as the table travels along the rail, proceed to method 2 below.

6. Tighten the fasteners at both ends of the left rail.

7. Adjust the right guide rail so that the horizontal rollers

8. Tighten the fasteners at both ends of the right rail.

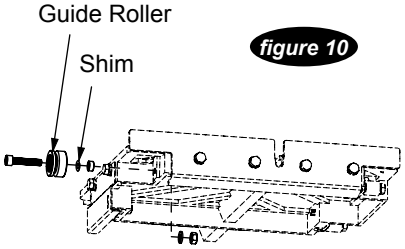
If alignment has been achieved do not proceed to method 2.

Method 2:

This procedure corrects another source of misalignment that occurs when the table's orientation is not parallel with the guide rails.

1. If the table shifts to the right as it travels away from the user, a shim needs to be added to the guide roller furthest from the ruler guide. On the other hand, if the table shifts to the left, a shim needs to be added to the guide roller closest to the ruler guide. Remove the appropriate guide roller to insert a shim between the roller and table, then reattach. ***(see figure 10)*** on the severity of the shift, more than one shim may be required.

figure 10



3. After adding shim(s), mount the table onto the guide rails and realign the table to the blade using method 1. Check to see if any shifting persists. A shift tolerance of 0.2mm is allowed. A shift in excess of that will require further adjustment—repeat step 1.

LEVELING ADJUSTMENT

This procedure levels the table so that it is perpendicular to the blade and flush against the rails.

1. Loosen the socket bolts on the flat roller plate so that the roller can swing freely about the bolt. ***(see figure 11)*** Do this for both flat roller plates.

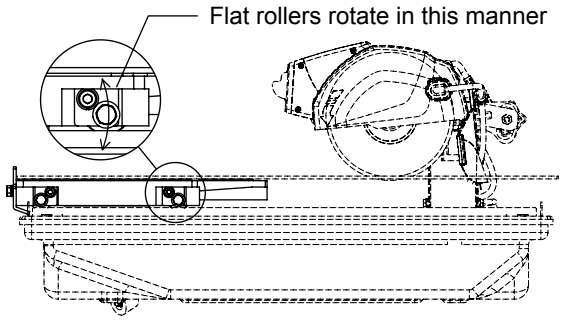


figure 11

2. Hold the table against the guide rails. The flat rollers should reposition themselves to maintain contact with the guide rails. If the table is not perpendicular to the blade, lift the right side of the table instead to obtain the proper angle. A square tool will be required to confirm the angle. Tighten the socket bolts. Check the table for play. Repeat step 1-2 if some play is still present.

Electrical Specifications

	T7
Power	1 HP
Volts	115 V
Amps	8.5 A
Motor RPM	6000 RPM
Cycle	60 Hz
Phase	1

RECOMMENDATIONS

- It is recommended that a 15 amp circuit be used while operating this saw. This will prevent any loss of power or interruption.
- Always plug saw as close as possible to the power source while operating. This will allow you to receive optimum electricity.

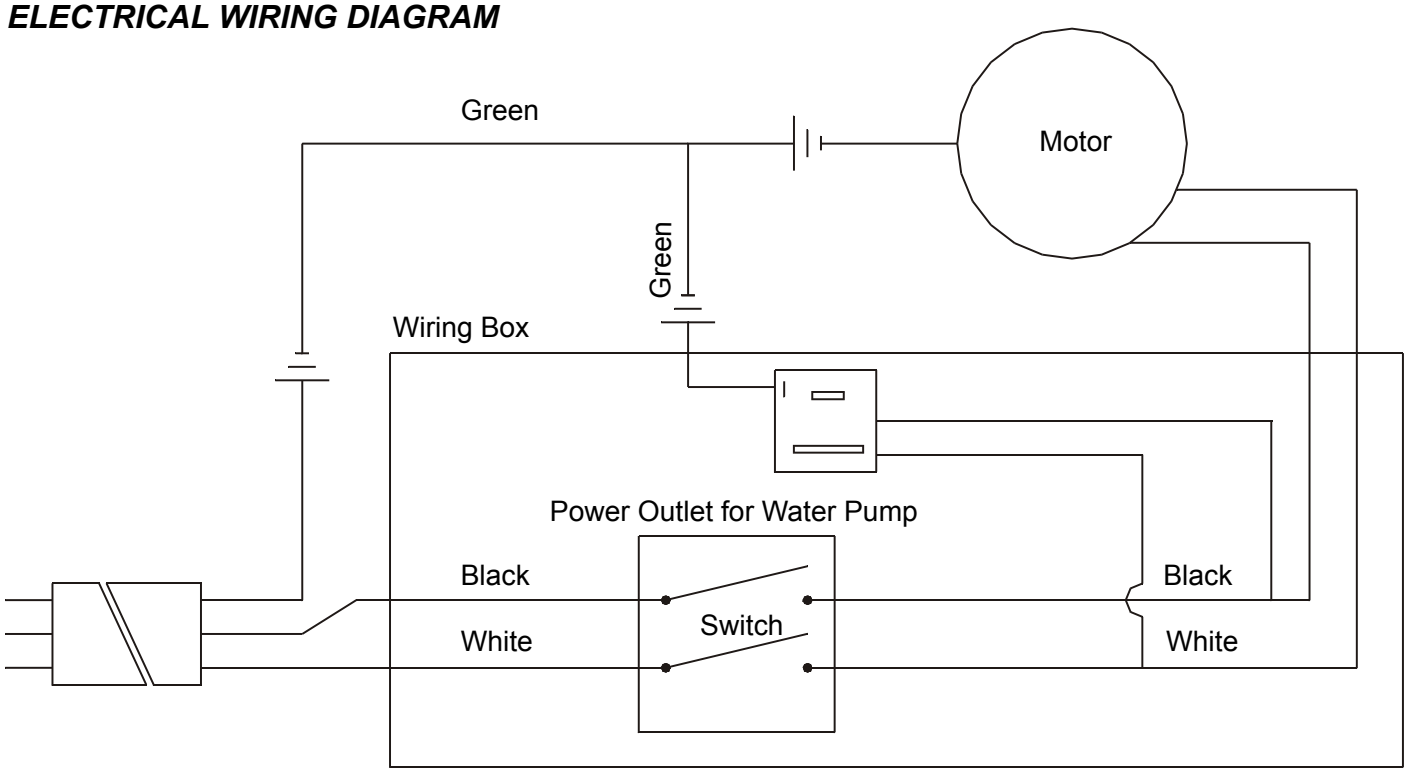
⚠ WARNING:

To avoid permanent motor damage you must use the correct extension cord. Never use more than one extension at a time. Follow the chart below for proper size.

EXTENSION CORD CHART

Wire Gauge	Length of Cord
No. 12	25’
No. 10	50’
No. 8	75’

ELECTRICAL WIRING DIAGRAM



Troubleshooting

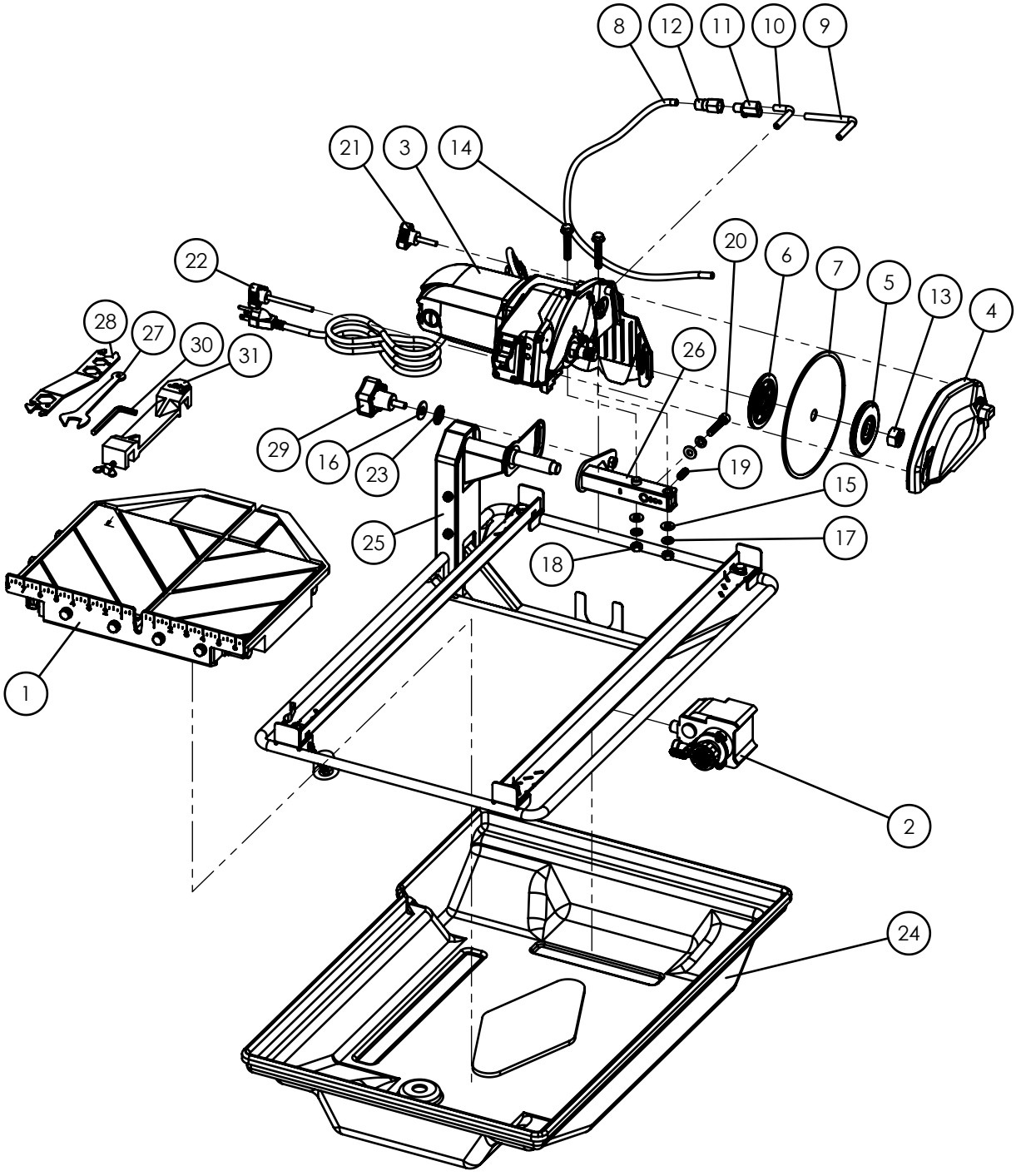
Problem	*Possible Cause*	*Solution*
Machine does not run when switched on	Power cord not properly fixed/ plugged in	Check that the machine is properly connected to the power supply
	Power cord defective	Have the power cord checked, replace if necessary
	Main power switch defective	Have the main power switch checked and replace if necessary by a qualified electrician
	Loose electrical connection inside the electric system	Have the whole electric system of the machine checked by a qualified electrician
	Motor defective	Have the motor checked and replaced if necessary by a qualified technician
Motor stops (power cut out)	Too much pressure exerted while cutting	Exert less pressure when cutting
	Incorrect specification for saw blade	Use a saw blade which corresponds to the material being cut
	Saw has a defective electric system	Have the electric system of the saw checked by a qualified technician
Poor machine performance, little power	Power cord/extension cable too long or cable still wound up inside cable drum	Use a power cord/extension cable of the rated length, use a cable drum with cable fully extended
	Power network is insufficient	Observe the electrical ratings of the machine and connect it only to a power network which complies with these ratings
	Drive motor no longer runs at rated speed (RPM)	Have the motor checked by a qualified electrician and have it replaced if necessary

Problem	*Possible Cause*	*Solution*
Insufficient flow of cooling water or no cooling water at all	The pump draws air	Fill the container with water
	Filter clogged	Clean the filter of the pump
	Pump wheel of the immersion pump blocked by dirt	Disassemble the immersion pump and clean
Irregular run of the saw blade	Poor tension in the blade material	Return the saw blade to the manufacturer
Saw blade wobbles when running	Saw blade is damaged or bent	Have the saw blade aligned / flattened
		Clean the receiving flange
		Solder the diamond segments of the old blade onto another saw blade or use a new blade
	Flange of the saw blade is damaged	Replace the saw blade flange
	Shaft of the motor is bent	Replace the electric motor
Diamond segment becomes loose	Overheating of the saw blade; cooling water not sufficient	Have the diamond segment soldered on the blade again; ensure optimum flow of cooling water
Excessive wear	Wrong type of saw blade	Use harder saw blades
	Shaft of motor causes wobbling	Have bearings of the motor or the motor replaced
	Overheating	Ensure optimum flow of cooling water
Cracks in or near the diamond segment	Saw blade too hard	Use a softer blade
	Fixed flange is worn out	Replace the fixed flange
	Motor shaft bearing	Replace the bearing of the motor shaft

Problem	*Possible Cause*	*Solution*
Saw blade is blunt	Saw blade type is unsuitable for the material being cut	Use appropriate type of saw blade
	Saw blade type is unsuitable for the machine performance	
	Saw blade too hard	
	Diamond segments are blunt	Sharpen the diamond saw blade
Appearance of cut is not optimal	Poor tension in the blade material	Return the saw blade to the manufacturer
	Too much load placed on the saw blade	Use a suitable saw blade
	Diamond segments are blunt	Sharpen the saw blade
The center hole in the saw blade has become wider due to wear	The saw blade has slipped on the motor shaft when running	The arbor of the saw blade must be fitted with an appropriate adaptor ring
		Check the receiving flange and have it replaced if necessary
Saw blade shows blooming colors	Saw blade overheating due to a lack of cooling water	Ensure an optimum flow of cooling water
	Lateral friction when cutting	The material feed is too high; proceed more slowly
Grinding marks on the saw blade	Material is not being fed parallel to the saw blade	Ensure that the direction of feed is absolutely parallel to the saw blade
		Adjust the roller table or have it adjusted
	Poor tension in the blade material	Have the saw blade tensioned
	Too much load on the saw blade	The material feed is too high, proceed more slowly

Replacement Parts List

MAIN ASSEMBLY

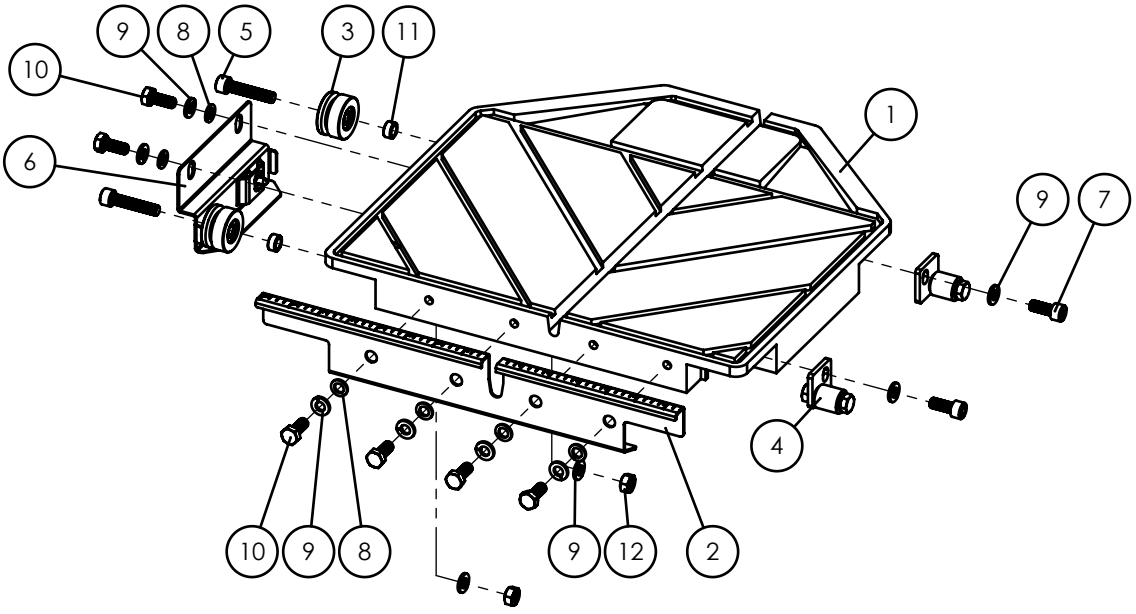


MAIN ASSEMBLY

	DESCRIPTION	PART NO
1.	Cutting table assembly	S1000J-23
2.	253 gal/hr Water pump	S700-28
3.	T7 Cutting head assembly	171153
4.	T7 Blade guard assembly	171154
5.	10" Outer flange	S1000-19
6.	Inner flange	171074
7.	7" (178mm) Cont. general purpose blade	
8.	D8 X 5 X 600L Water hose	171168
9.	D8 X 5 X 220L Water hose	171169
10.	D8 X 5 X 150L Water hose	171179
11.	Male 1/8" PT to barbed 3/8" straight adapter	171147
12.	Female 8D x 1/8" NPT straight fitting	171148
13.	5/8 - 11 UNC - Nut	S1000-17
14.	M 8 x 1.25 x 45L Hex Flange bolt	171146
15.	M8 Wide Washer	230166
16.	M10 Wide Washer	0306

	DESCRIPTION	PART NO
17.	M8 Spring Lock Washer	0121
18.	M8 x 1.25 Nut	0119
19.	Countersunk hex screw M8 x 1.25 x 20L	110025
20.	M8x1.25x40L Socket head hex screw	1061
21.	M6x30L/PP+TPR Triangle knob	171158
22.	M6x70L/PP+TPR Triangle knob	171159
23.	3/8 Waved lock washer	0310
24.	Polypropylene water tray	170017
25.	Frame assembly	171160
26.	Cutting head shaft weldment attachment	171161
27.	M17 wrench	171079
28.	Universal wrench	S1000-41
29.	Male 5/16 - 18 UNC x 3/4L Star type knob	100018
30.	Size 6 hex wrench	171181
31.	45º/90º Rip Guide	S1000-35

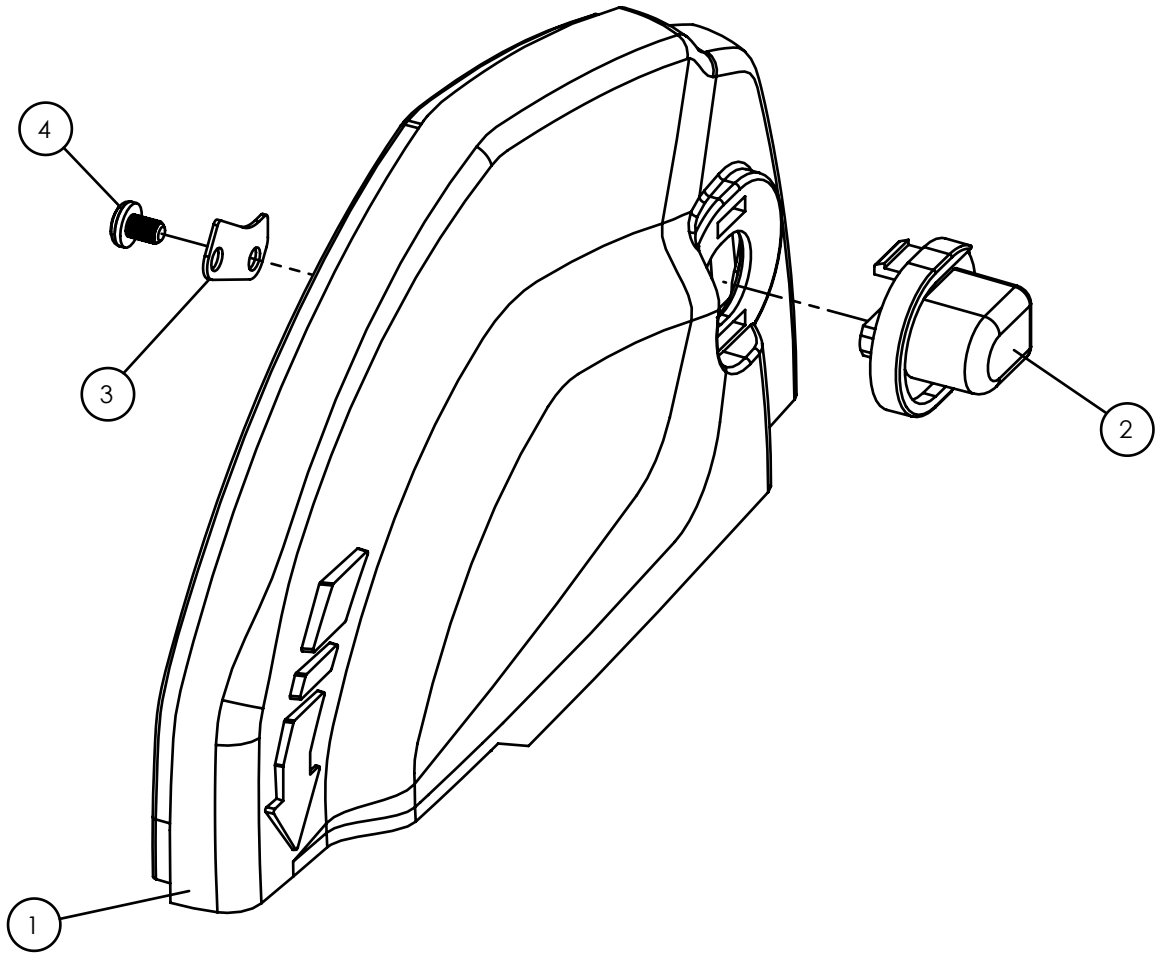
CUTTING TABLE ASSEMBLY



	DESCRIPTION	PART NO
1.	TC02 Cutting table	171055
2.	Cutting fence	170027
3.	Guide roller type 10	S1000J-24
4.	Flat roller	S1000-25
5.	M8 x 1.25 x 40L Socket head hex screw	SDT1061
6.	Type 3 Table lock	171069
7.	M8 x 1.25 x 20L Socket head hex screw	100108

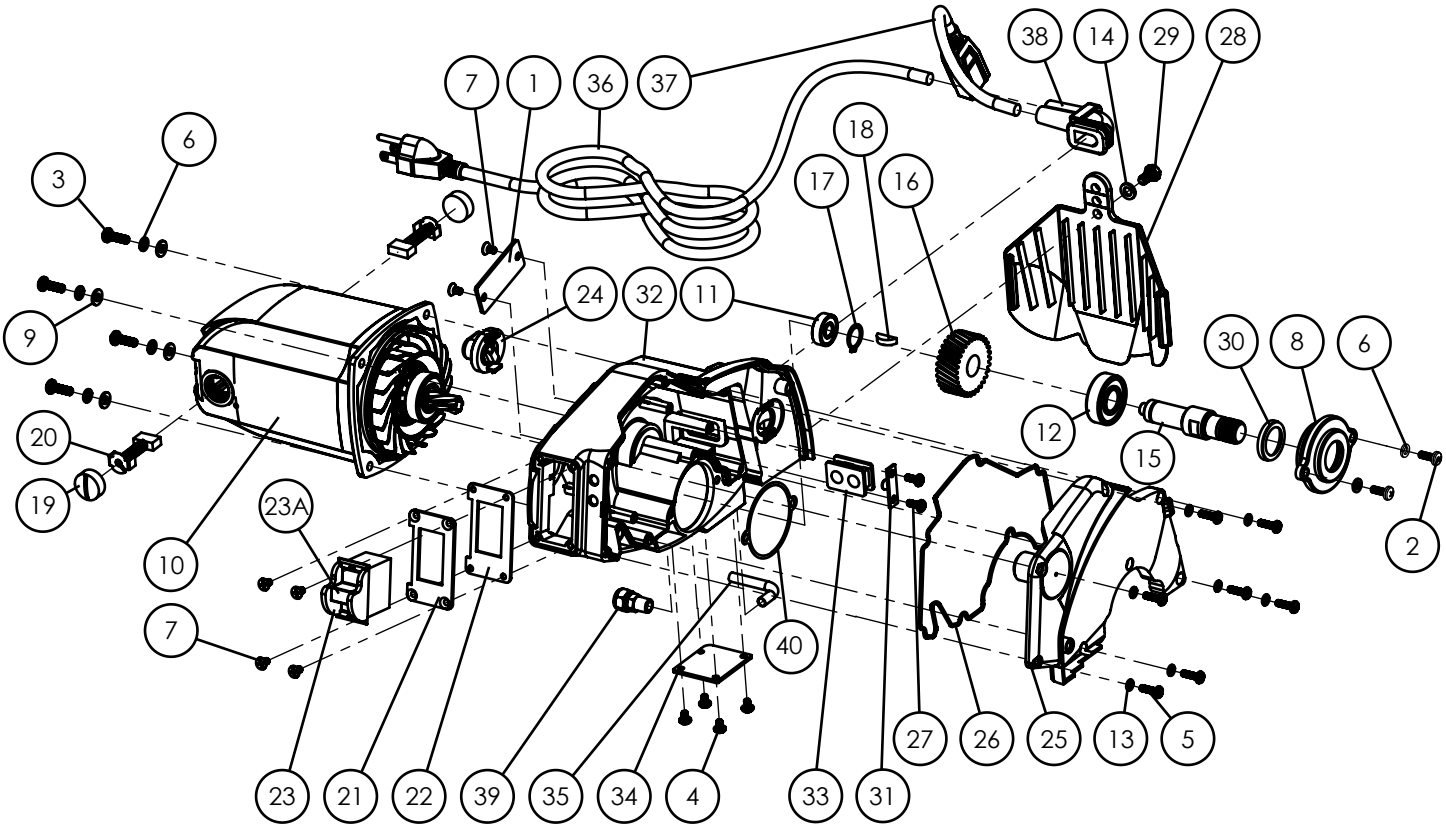
	DESCRIPTION	PART NO
8.	M8 Narrow washer	0120
9.	M8 Spring Lock Washer	0121
10.	M8 x 1.25 x 20L Hex bolt	SDT11124
11.	D12.7 d8.5 X 6L Spacer	150070
12.	M 8 x 1.25 Nut	0119

BLADE GUARD ASSEMBLY



	DESCRIPTION	PART NO
1.	T7 Outer blade guard assembly	171162
2.	Multi-directional water fitting	171088
3.	Water deflector	171106
4.	M4 x 0.7 x 6L Cross screw	103788

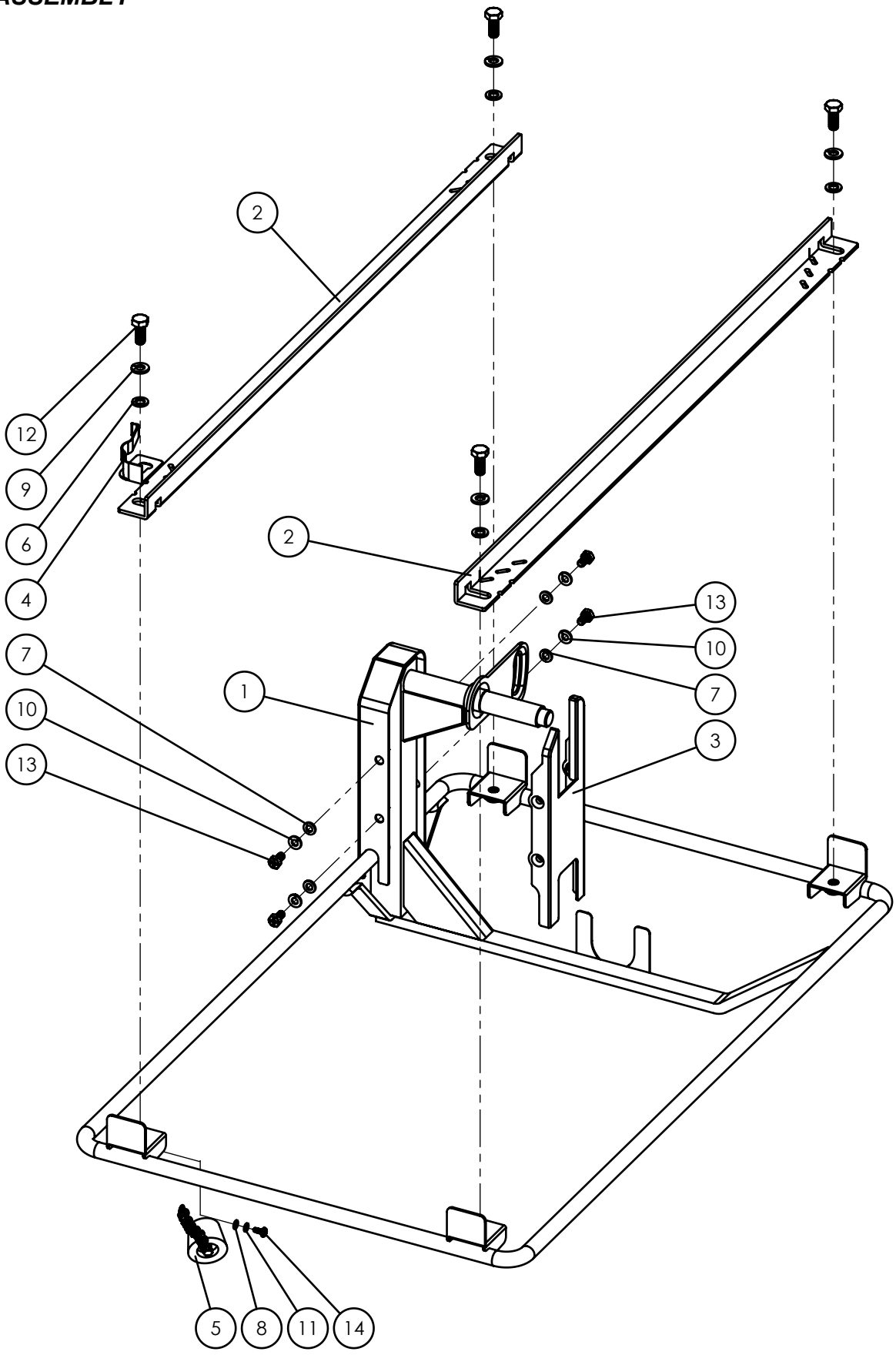
CUTTING HEAD ASSEMBLY



	DESCRIPTION	PART NO
1.	Cover plate	171091
2.	M5 x 0.8 x 12L Cross screw	141113
3.	M5 x 0.8 x 16L Cross screw	SDT25058
4.	M4 x 0.7 x 6L Cross screw	103788
5.	M4 x 0.7 x 15L Cross screw	103793
6.	M5 Spring Lock Washer	25053
7.	M4 x 0.7 x 10L Countersunk cross screw	SDT25055
8.	T7 Gear cover	171165
9.	M5 Wide Washer	25054
10.	Motor replacement kit 115V/60Hz	171094
11.	D22 d8 Radial bearing 608 ZZ	420055
12.	D35 d15 Radial bearing 6202 ZZ	SDT25150
13.	M4 Spring Lock Washer	15999
14.	M6 Narrow washer	0384
15.	Blade shaft	171099
16.	Blade shaft gear	171100
17.	M15 External C-clip	420217
18.	5 x 16 Woodruff key	25156
19.	Carbon brush cap	25098
20.	17mm X 7mm Carbon brush (2)	25099
21.	Power switch plate	171102

	DESCRIPTION	PART NO
22.	Rubber gasket	171101
23.	20A 125V/12A 250V On/Off switch	171034
24.	Multi-directional water fitting	171088
25.	T7 Cutting head casting cover	171167
26.	Rubber strip D1.58	171161
27.	M4 x 0.7 x 10L Cross screw	0353
28.	Rubber splash guard	100060
29.	M6 x 1.0 x 12L Hex bolt	101670
30.	D28 d20mm Oil seal	171071
31.	Grommet clamp	171111
32.	T7 Cutting head casting	171166
33.	2 Cable D9 cable boot	171175
34.	Water reservoir cover	171163
35.	D6.4mm (12 x 30) 90 degree elbow pipe	171164
36.	3Cx16AWG-2.2ML 5-15P Cable	S710-01
37.	3Cx16AWG-29cmL 5-15R Cable	171031
38.	2 x 16AWG-14AWG Cable elbow grommet	171117
39.	1/4" Tube male X 1/8" PT male straight comp. fitting	S1000-37.2
40.	Gear cover gasket	171180

FRAME ASSEMBLY

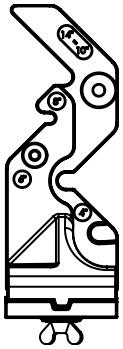


FRAME ASSEMBLY

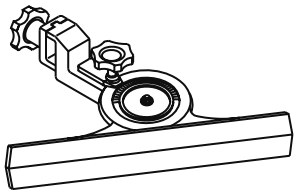
	DESCRIPTION	PART NO
1.	Frame welding	171161
2.	L- Rails 30 x 22 x 803L (2)	170012
3.	Rear post cover.	171027
4.	Cutting table spring clip lock	S700-30.1
5.	Drain plug with chain	S1000-48
6.	M8 Wide washer	230166
7.	M6 Narrow washer	SDT0384

	DESCRIPTION	PART NO
8.	M4 Narrow washer	420044
9.	M8 Spring Lock Washer	0121
10.	M6 Spring Lock Washer	11090
11.	M4 Spring Lock Washer	15999
12.	M8 x 1.25 x 20L Hex bolt	420052
13.	M6 x 1.0 x 12L Cross hex bolt	101671
14.	M4 x 1.59 x 10L cross tapping screw	0353

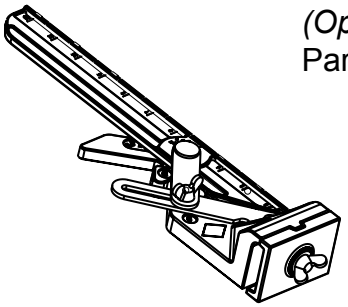
Accessories



Masterguide Template Base
(Optional)
Part No. S1000-MG1

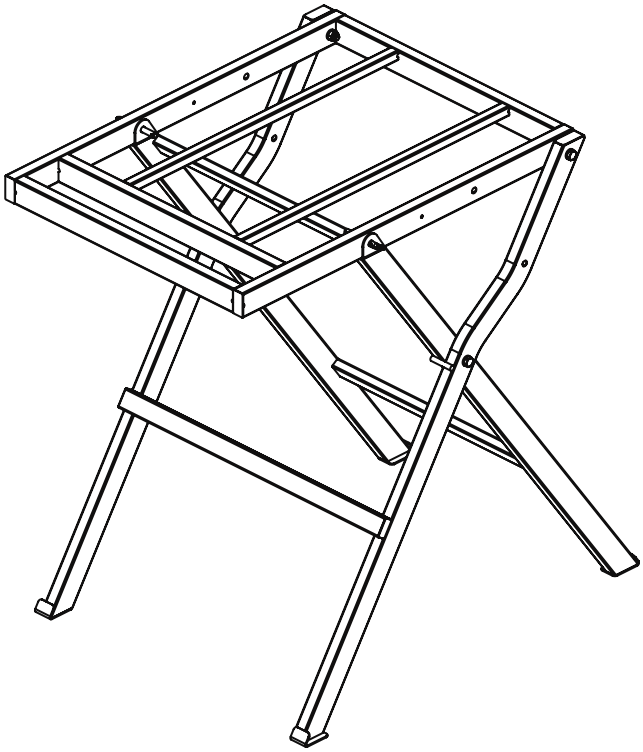


180˚ Adjustable Angle Guide
(Optional)
Part No. S1000-44



Masterguide
(Optional)
Part No. S1000-MG

Saw Stand
(Optional)
Part No. SDT-1010ST



How to Order

INFORMATION NEEDED FOR ORDERING PARTS

- Serial number of the saw
- Model number of the saw
- When and where the saw was purchased
- Part number and description

TO ORDER

All parts may be ordered from your local dealer. If the part is not stocked locally, call our customer service department at 1-888-688-6899 or you may visit us at www.sawmaster.com.

PRICES

All orders are subject to prices and terms of sale in effect on date of shipment. Prices may change to reflect market trends in the industry, so that our products remain competitive in quality and pricing. As such, prices are subject to change without notice.

Promotional prices and discounts are subject to verification after order is placed. The customer will be notified if there are any errors found in pricing that affect the invoice amount.

DELIVERY & FREIGHT

Shipments are F.O.B. for orders of $800.00 or more. Orders may include diamond blades and tools, saws, parts and accessories. All other orders not meeting this amount are subject to freight charges, which will be included on the invoice once it is determined.

SawMaster reserves the right to select origin of shipment, routing and method of transportation.

Premium freight charges (such as air freight) will be at the purchaser's expense (shipped collect or added onto invoice).

Products not in stock when order is placed will be shipped as soon as possible thereafter.

RETURN MERCHANDISE AUTHORIZATION (RMA)

No products are to be returned without prior written authorization and then only in accordance with the company's instructions and terms. Proof of purchase (e.g. copy of original invoice) along with serial numbers for all equipment should accompany all RMA requests.

All returned products must be in sellable condition, include all components, and be packed in original packaging. The RMA number assigned by customer service must be clearly marked on the accompanying packing slip. Any returns not satisfying these conditions will be promptly returned to the customer at their expense. The customer assumes all freight charges and is liable for the purchase value of any damaged goods.

Customer Service

AFTER SALE SERVICE

All customer service (e.g. technical questions, reordering of parts, etc.) will be provided by SawMaster. All spare parts for after sales service will be stocked and shipped from our warehouse.

CLAIMS FOR LOST OR DAMAGED GOODS

If merchandise is delivered in damaged condition or carton are missing, a notation must be placed on all papers signed by the receiver.

If unreported or concealed damages are noticed after delivery, the carrier should be contacted by telephone and if carrier fails to send an inspector within five days, a request should be made in writing to the carrier, confirming the telephone request for an inspection.

All requests for credit due to transportation loss or damage should be accompanied by properly signed papers. A claim for loss or damage must be filed with the carrier within 60 days from the shipping date for UPS or other common carriers. Credit cannot be allowed for damage claims that are not properly sustained with supporting papers or received by SawMaster too late for timely filing with the carrier.

Contact Us

We at SawMaster pride ourselves on our customer service. If you have any questions regarding our products, whether it may be product inquiry or troubleshooting, please don't hesitate to contact us. We will do our best to answer your questions. In some cases we may even refer you to a local sales representative that can better service you. You can call us at the contact information listed below:

CUSTOMER SERVICE

Phone: (888) 688-6899
Email: sales@sawmaster.com
Web: www.sawmaster.com

Warranty

SAWS

For a period of one (1) year from the original date of purchase, if the product is determined to be defective, SawMaster will repair or replace the product, at its option, at no charge to the customer, or pay the associated repair costs to an authorized service facility. All replacement parts, new or rebuilt, supplied at SawMaster's option for repairs will be warranted for the remainder of the original warranty period of one (1) year. All defective products or components replaced under this limited warranty will become the property of SawMaster. This limited warranty excludes all components not manufactured by SawMaster, which are listed below with their corresponding independent warranty periods. Such components are warranted by their respective manufacturer, whose warranty will be the governing warranty for that particular product.

EXCLUDED COMPONENTS	MANUFACTURER'S WARRANTY
Electric Motors	1 Year
Water Pumps	Varies by model. See accompanied warranty for details.

DIAMOND BLADES AND TOOLS

If the bond between the steel core and segment or rim fails during the normal useful life of the blade, SawMaster will replace the blade at no cost to the customer.

This warranty does not cover cosmetic damages or damages due to (1) misuse, abuse, negligence, accident, or modifications of the product or any of its components; (2) improper operation or failure to provide reasonable maintenance; or (3) attempted repair by any party other than a SawMaster authorized service facility. All products are subject to wear and tear under normal use. As such, the customer is responsible for all costs associated with the maintenance of said product, including the purchase of replacement components thereof.

To obtain warranty service, you must take the product, or deliver the product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized SawMaster service facility, along with proof of purchase in the form of a bill of sale, within the warranty period specified above. Warranty may be void if additional damages are incurred during transportation due to inadequate packaging.

SawMaster shall not be responsible for or obligated to pay for freight or other transportation related costs or expenses in connection with any defective products or components that are either returned to SawMaster's facility or any authorized repair station and/or any replacement products or components that are shipped from SawMaster pursuant to this warranty.

SAWMASTER SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, OR NEGLIGENCE. SUCH DAMAGES INCLUDE, BUT ARE NOT LIMITED TO, LOSS OF PROFITS, LOSS OF REVENUE, LOSS OF USE OF THE PRODUCT, AND DOWN TIME. SAWMASTER'S LIABILITY SHALL NOT EXCEED THE REPLACEMENT COST OF ANY DEFECTIVE PRODUCT OR COMPONENT THEREOF. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED.

EXCLUSIONS FROM WARRANTY

SawMaster cannot assume responsibility for claims arising from abuse of the product:

- Due to abuse by the purchaser in their processing.
- Due to improper installation practices or procedures.
- Due to abuse or improper usage by the end-user.
- Due to contaminants, including, but not limited to, exposure to salt or fresh water, chemicals and any other form of contamination from a source outside of Saw's control.

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