



COMPACT 106/108 Series

SPECIFICATIONS

	COMPACT 106	COMPACT 108
Stainless steel work table	15.35"X16.53"	17.71"X19.68"
Machine dimensions	15.35"X16.53"X9"	19.5"X20"X11"
Weight	29lb	37.5lb
Maximum Cutting Length	Unlimited	Unlimited
Maximum oblique 45° cut	Unlimited	Unlimited
Blade size: Cutting Height	6":0.75"	8":1.75"
Available Motors		
Power	0.5 HP/0.4 kW	0.75 HP/0.66kW
Tension	115 V/60Hz	115 V/60 Hz
RPM	3450	3450

SAFETY PRECAUTIONS

- Never use the machine improperly or work in an unsafe manner.
- Always wear safety goggles, dust mask, and ear protection while operating the saw (to comply with ANSI-Z87.1).
- Always remain alert when the saw is in use. Failure to pay attention on the operator's part may lead to serious injury.
- Before you start working, familiarize yourself with the work site and its surroundings. Take notice of circumstances which may impede working or traffic, observe soil conditions (good bearing or not), and take measures to ensure safety (i.e. the shielding of roadworks from public traffic).
- 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 operating in the intended locations.
- 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.
- In the case of a malfunction, stop the machine immediately and secure it. Fix the problem as soon as possible.
- For starting and stopping the machine follow the operating instruction steps and observe any indicator lights.

FEATURES

1. Models COMPACT 106 and COMPACT 108 are electrical tile cutters designed to cut tiles of various sizes.
2. Equipped with the following:
 - Stainless steel inclinable table for 45° oblique cut
 - Extendable and reversible stainless steel guide
 - Nylon triangle for diagonal cuts
 - Extractable water tank to cool the diamond saw blade
 - Sintered continuous rim blade for wet tile cutting: 6" for Compact 106 And 8" for Compact 108.

ASSEMBLY AND PREPARATION

1. Carefully remove the machine from its original packaging.
2. Assemble the guides, then fix the blade covering protection flask to the machine frame.
3. To mount the diamond blade, disconnect the power supply plug, then unscrew the wing nuts of the blade covering and flange closing screw. To replace blade follow same directions then extract the blade and replace it. Check the direction of rotation indicated on the tool, this must correspond to the one on the blade cover.
4. Fill the water tray so that the diamond blade is completely immersed in water.
5. Place the guide on the work table and adjust machine to its preferred measurement by adjusting the wing-nut.

After preparation of the Compact 106 or Compact 108 for normal running, follow these steps for operation:

- Place the machine on a dry and steady area.
- Adjust the height of the blade covering according to the thickness of tile
- Place and fix the guide at the preferred distance
- Prior to connecting the power supply plug push the switch in "O" position
- Push the start button, position "I" (on), and start cutting with a speed corresponding to the thickness/hardness of the material
- If tension is not present, bring the machine switch to "O" position
- Occasionally check water tray to assure that diamond blade is still immersed in water.
- When completed with use of machine, push and take it "O" position, then disconnect the plug.

NOTE: CLEAN MACHINE PROPERLY AFTER EACH USE

WARRANTY

This product is covered by a one year warranty from the date of purchase. If the product is defective in workmanship or material, SawMaster Diamond Tools, Inc. will repair and/or replace it free of charge upon returning the product to distributor/dealer in its original packaging. This warranty does not cover normal wear or damage resulting from operator abuse. SawMaster's obligations under this warranty shall be limited to the repair and/or replacement of the product. SawMaster shall not be liable for consequential damages resulting from the improper use of the product. This warranty is void if the product or any of its components are modified, altered, or in any way changed. Selected components such as motor /engines are excluded from this warranty and are subject to the manufacturer's warranty. This warranty is in lieu of all warranties expressed or implied.

ADDITIONAL HELP

Please call us if for any reason you are having difficulty that cannot be resolved with the troubleshooting guide included in the back of this manual. We would like to help.

Give us a call at
1-888-688-6899
or e-mail us at
sales@sawmaster.com

To better service our customers as expediently as possible, please make sure that you have the manufacturing serial number at hand before contacting us.

WARNING



SAFETY PRECAUTIONS:

- 1 Saw blade should be inspected daily for excessive wear, core cracks, and arbor damage. Replace any blade that shows signs of damage.
- 1 To mount blade, clean arbor and outer flanges, tightening nut securely.
- 1 Do NOT place any portion of body in line with blade while it is rotating.
- 1 Wet cutting blades must be used with water.
- 1 To reduce risk of electrical shock, refer servicing to qualified professional.

HEALTH WARNING :

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

- 1 Lead from lead based paints,
- 1 Crystalline silica from bricks and cement and other masonry products,
- 1 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 are, and work with approves safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.



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