

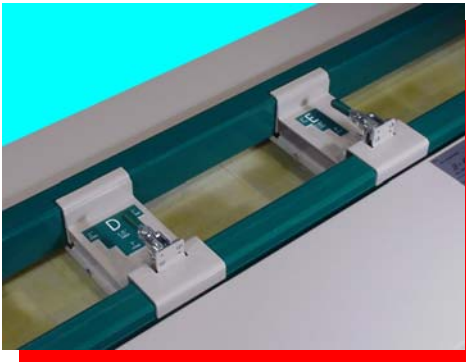
# The GM Family of Groovers – **Model SG-220** Standard Duty Grooving Machine

Fabricate quality fiber glass duct systems 15 to 20 times faster than using hand techniques – at only a fraction of the investment cost required for an automated sheet metal shop! Glass Master offers the world's most complete selection of grooving equipment, with choices ranging from the **Model SG-220** standard duty grooving machine, to the more advanced model **HG-320** with fully automated scrap removal and disposal system. And *the life expectancy of every Glass Master machine is virtually unlimited*, keeping resale values high and making any Glass Master purchase a wise investment.

Step up to the **SG-220** grooving machine, our standard-duty, high capacity model with multiple upper and lower drive rollers, and sturdy (yet compact) tubular steel frame. This machine includes seven (7) tools configured for either 1" or 1½" thick duct board – *your choice!*

## **Model SG-220 Standard Features:**

- Machine tools are set quickly and easily by simply measuring the desired inside duct dimension between preset tabs, saving countless hours of labor compared to hand tool fabrication.



- Toolbar welded in place. *No toolbar adjustment is required – ever!*
- Machine and tool holders are fully adaptable for grooving 1", 1½" and 2" thick duct board by *simply changing out tool holders in a matter of seconds.*
- Front and rear drive rollers are protected by *heavy duty guards* for maximum operational safety.



- Roller gap spacing adjusts from ¼" to 2" *without any chain or idler adjustment*, allowing the machine to easily accept materials of varying thickness and density.
- New brighter machine colors and safety labeling to help insure *safe operation.*
- Each tool has a unique measuring tab that accommodates standard duct board thickness of 1", 1½" and 2".
- Universal tool holders can accept blade assemblies for any board thickness and all tool types. Wider tools with convenient locking clamps offer better alignment and blade tracking.



- Rugged structural steel construction built to withstand years of high-volume production in the shop or at the job site.

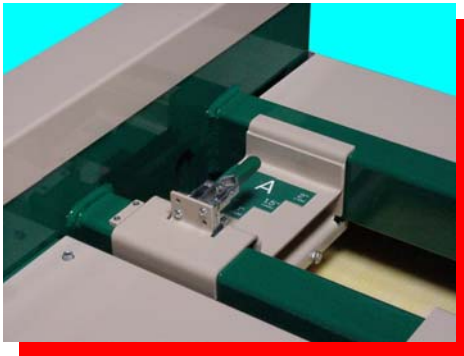
## **GLASS MASTER CORPORATION**

2420 McIver Lane #101 • Carrollton • Texas • 75006-6500 • [www.glass-master.com](http://www.glass-master.com)  
Toll Free: 800-874-9135 • Ph: 972-484-5555 • Fax: 972-247-0477

## Model SG-220 - Continued



- Machines are protected by the highest quality powder coated paint system available in the industry for maximum chip-and scratch-resistance through years of use.
- Foot-actuated switch for safer, more dependable operation.
- Easy access to all working parts.
- Cutting blades manufactured from highest quality spring steel using a multi-stage sharpening process, then heat-treated to produce maximum resistance to the highly abrasive nature of fiberglass - **significantly extending blade life!**
- Quick-release tool clamps make size changes accurate and fast!



- Accepts tooling for all densities and thickness of duct board 5/8" (16mm) through 2" (50mm).
- Continuous feed, one linear foot per second (0.3 m/s), operator-limited. Cycle time is less than 10 seconds.

- **Revolutionary tool system may be easily retrofitted to your existing E-215-T!**
- Sets up easily for 1-, 2- and 4-piece ducts.
- Easy-to-read decal on the unit clearly illustrates proper tool setting for various fabrication methods.
- Spiral wrapped oxide "grit" on drive rollers insures that board will not slip while traveling through the machine.
- Casters allow easy movement in shop, conserving valuable shop space when machine is not in use.
- Tooling for Glass Master's "Preferred" method of grooving insures cleaner staple flaps and allows for automated closure.
- Power requirements: 120 VAC, single phase, 50hz or 60hz. Less than 20 amps required at maximum load.
- Machines shipped with tooling for 1" (25mm) or 1½" (38mm) thick material. Other blades and tooling available.
- Two Years Parts Warranty (excludes cutting blade wear and breakage).

### Optional Features:

- Tooling available for one-pass "gang" tooling.
- Set of (3) duct board support arms.
- *Trailer mounted models also available.*

### Physical Dimensions

Model No.	SG-220
Length	130" (3.30 m)
Depth	31" (0.79 m)
Height	47" (1.19 m)
Weight, Crated	1,200 lbs (544 kg)

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