

The GM Family of Groovers: **Model HG-320** Heavy Duty Grooving Machine (Including Scrap Removal & Disposal)

Fabricate quality fiber glass duct systems 25 to 30 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 our **Model HG-320** with fully automated scrap removal system, to the standard duty **Model SG-220** grooving machine. 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 **HG-320** grooving machine, our heavy-duty, high capacity model with extra drive rollers and sturdy, yet compact frame. This machine includes GM's patented Scrap Master® feature to get full benefit of the labor saved by automatically extracting and removing scrap.

Model HG-320 Standard Features:

- Scrap Master® *extracts and carries scrap automatically to a waste container*, saving countless hours of double handling of duct board and manually disposing of grooved scrap material.



- 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.

GLASS MASTER CORPORATION

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Model HG-320 - 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!
- Continuous feed, one linear foot per second (0.3 m/s), operator-limited. Cycle time is less than 10 seconds.
- 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).



- Accepts tooling for all densities and thickness of duct board 5/8” (16mm) through 2” (50mm).
- Set of (3) duct board support arms included.

Optional Features:

- Tooling available for one-pass “gang” tooling.
- Tools and blades for material thickness other than 1” (25mm).

Physical Dimensions

Model No.	HG-320
Length	154" (3.91 m)
Depth	58" (1.47 m)
Height	52" (1.32 m)
Weight, Crated	2,520 lbs (1143 kg)

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