

THE SLAGGER® ONE

Plasma Cutting Support Table with Automated Slag and Smoke Removal

The Slagger ONE cutting support table is unlike any other.

Through the use of a patented pusher blade, the SlaggerONE moves the slag produced from plasma cutting from the table floor into the slag pan located at the front of the table. The slag can then be easily cleaned without interruption to cutting operations. The zoned and ducted table also effectively exhausts the smoke generated during cutting.

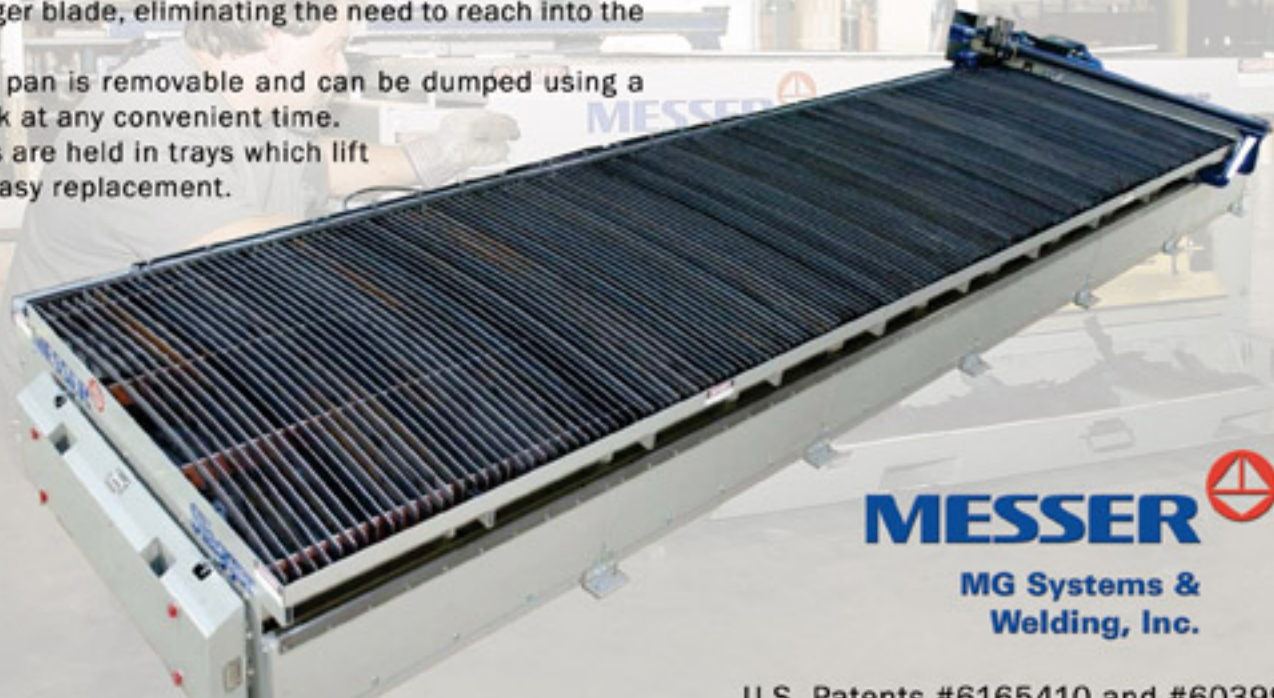
The Slagger ONE table easily handles all the slag produced from cutting material up to one inch thick.

The Slagger ONE is an option available as an integrated table with unitized machines, or as a stand alone table for many MG machines for materials up to one inch thick.



SPECIAL TABLE BENEFITS

- The Slagger ONE eliminates manual slag cleaning, which requires shovels, buckets, or scrapers. Table cleaning time can be reduced up to 95%.
- Small parts that fall into the table can be retrieved using the Slagger blade, eliminating the need to reach into the table.
- The slag pan is removable and can be dumped using a fork truck at any convenient time.
- The slats are held in trays which lift out for easy replacement.



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U.S. Patents #6165410 and #6039915

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TABLE OPERATION

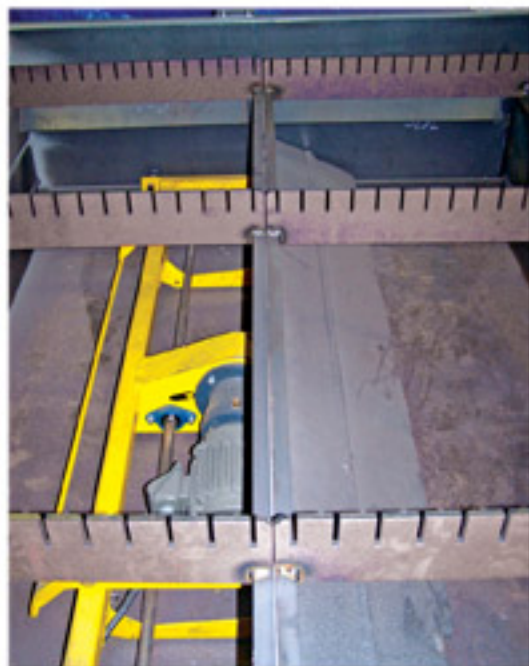
The Slagger® ONE cutting table provides a unique solution to table cleaning. Installed within the table is a pusher type blade, propelled by a rack driven electric gear-motor. When it is time to clean the table, the operator parks the cutting machine at the rear of the table.

To begin the cleaning cycle first the slag collection pan at the front of the table is lowered so the slag can be pushed into the pan by the Slagger blade. Then the blade is powered on. The blade unit moves forward, pushing the slag toward the front of the table. When the blade reaches each hinged partition zone, it pushes it up and out of the way. The partition swings back into position after the blade unit has passed. When the blade reaches the front of the table, all of the slag is pushed into the slag pan for easy clean up.



Slagger® blade pushes slag into pan for easy removal

Manual damper door actuator ensures correct zone is open



After cleaning, the blade returns to the rear of the table. During return travel, the blade is elevated slightly. This prevents material from being swept back into the table. This entire process takes only two minutes for a ten foot long table.

The blade unit can also be used to retrieve small parts that have fallen through the slats. After cutting a sheet of parts, the operator can run the Slagger and push those parts to the front of the table and into the collection pan.

The table also has an efficient side ducted smoke exhaust system. The exhaust duct runs along the left side of the table, and includes mechanically operated damper doors. It can be connected to a cartridge type dust collector.

TABLE SPECIFICATIONS

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| Table Sizes Available | Two nominal plate widths: 6' (2m) or 8' (2.5m) Cutting Lengths: 5'-4" (1.6m) increments up to 42'-8" (13m) |
| Capacity | 26 gage (0.5mm) to 1 inch (25mm) material |
| Materials Cut | Mild steel, stainless steel, and aluminum |
| Available with these Machine Types | Any MG machine using plasma with 200 amps or less and cutting 1" material or less (except SM1000 and Promaster) |
| Power and Utility Requirements | Electric Power - 230VAC Single Phase, 15 amps |

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