

Technical Data Sheet -----ECSI Staple Wasp Products

Description: ECSI Staple Wasp guns, staples, staple belts and gun attachments are made in Pelican Rapids, MN. Our products materials are sourced and built in the United States. We have made the guns and staples to enhance and improve the installment of erosion control and road fabric, sod, irrigation hose and in-floor heating tubing. We have a number of features that are patent pending, and we back our product with excellent customer service and product service support.

Product Names/Part Numbers:

- Staple Wasp staple gun 001
- Staple Wasp staples 002
- Staple Wasp staple belt 003
- Soft ground shoe attachment 004
- Irrigation shoe attachment 005
- Staple Wasp Galvanized staples 006

Product uses:

- 01- Tool or gun used to dispatch/insert 6" staples to pin or install erosion blanket, seed blanket, sod, irrigation hose or in-floor heating tubing
- 02- The pinning or securing of erosion blanket, seed blanket, sod, irrigation hose or in-floor heating tubing
- 03- Carrying device for Staple Wasp staples to reduce staple supply movement on site
- 04- Increase surface area and decrease dirt moving into the chamber of the Staple Wasp while working on soft dirt areas
- 05- Aids in securing soaker and drip hose by pinning around the hose into the ground without puncturing the hose or tubing
- 06- The pinning or securing of erosion blanket, seed blanket, sod, irrigation hose, and bladder systems that will be in contact with moisture and calls for a non-corrosion or rusting anchor

Substrate:

- 01- Aluminum base, hardened steel blade, and stainless steel screwing
- 02- Staple substrate: 1008 coil wire, non- galvanized (RD .091)
- 03- Canvas, reinforced cloth seams, steel grommet
- 04- Aluminum
- 05- Aluminum
- 06- Staple substrate: 1008 carbon steel with hot dipped **galvanized** coating (RD .091)

Operation:

- The Staple Wasp staple gun is a self-propelled tool. The gun can be loaded with a clip of 50 6" staples that are placed on the carriage of the gun and applied forward tension with our staple tension spring. Once the staple is loaded and tension is applied on our carriage, the gun is ready to set staples. The gun is placed forward of the installer and the handle is depressed downward propelling our rod and blade downward into our staple chamber. 1 single staple is sheered from

the pack of 50 and projected down the staple chamber and into the ground, thus pinning any substrate between the staple gun and ground. A simple repeating of this action will continue the process of staple installation.

- Staple Wasp installation tools are the only erosion mat staple gun that incorporates a lever action removable jam plate. If the installer encounters a rock that rolls a pin inside the chamber, simply release the lever and remove the front plate. The rolled up pin/staple will be accessible and removable without the use of any tools or devices. Remove the pin, replace the jam plate and apply the lever action tension and continue to install.

Special Notes:

Maintenance recommendations:

- We encourage the Staple Wasp gun be wiped down 2-3 times during a day using a cleaning and lubrication substrate such as silicone WD-40. A light spray on a rag and wiping down of the plunger rod, staple carriage rails, and staple chamber by removing the jam plate. Please see maintenance instructions in our included IFU and on line at www.staplewasp.com
- We also encourage confirming the tightness of all gun screws 1 per day and using blue Loctite on any that may work loose due to cleaning fluids and use. Please see our IFU for further recommendations
- Staple Wasp offers a hot line number for any questions related to the gun, its initial use, or continued parts and maintenance at 218-863-1766

Technical Information:

Gun Dimensions

- 2.5" thick x 12 " wide x 40" long
- 13 pounds in weight

Staple Dimensions:

- 13 gauge steel
- 6 x 1- 1/8 " u-shaped
- Glued pack, inside surface application
- 50 per cartridge
- 1000 per box
- Available in uncoated or galvanized steel

Health and Safety:

Read all warnings, first aid and safety for the Staple Wasp in our Instruction for Use manual provided with our product. Keep out of the reach of children and animals. When using tools, refer to our IFU recommendations on usage. Adhere to all safety requirements of your construction site while using this tool.

Sam Herrmann/Gene Fisher

ECSI/Staple Wasp

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