

Gemfix Gem 5550

Sparkle Your Garments, Easily and Efficiently

Gemfix is a fully automatic machine for direct application (welding) of rhinestones and studs in open field, on framed fabrics, and on finished garments. The welding application is done via ultrasonic frequency which ensures complete and

efficient fixation without damage to the fabric. Included with the machine is a comprehensive software program that allows for quick and easy design creation, making the Gemfix a complete rhinestone decoration system.

GemFix Technology

- Rhinestones can be applied to a wide variety of fabrics, from silk to polyester to denim.
- Embroidery machine frames are compatible with the GEM5550, making multi-media designs quick and precise.
- Outline Trace function verify design fits within the selected frame.
- Accepts Border frame up to 21.6" x 19.7" (550mm X 500mm)
- Accepts Tubular frame up to 18.7" x 17.7" (475mm X 450mm)
- Ultrasonic welding process ensures that garment fatigue is kept to a minimum.
- The GemFix Model GEM5550 has a patented 5 axis stepper motor, which is synchronized and computer-controlled to ensure a perfect weld each and every time.
- The variable nozzle pressure control system (pat. Pending) allows the welding pressure to be adjusted via software.
- Multi-layer and multi-size rhinestone applications are easily managed via variable pressure and variable welding power settings.
- Long range nozzle suspension guarantees perfect rhinestone placement, even on delicate fabrics.
- R-axis control system (pat. Pending) allows total control of nozzle position, thereby eliminating the need for timers, with the end result being faster production times.
- All designs can be saved in memory, eliminating the cost of stocking rhinestone transfers. Just select the design, setup the fabric/garment and you are ready to apply rhinestones.

Touch Screen Controller Features

- Nozzle Pressure
- Welding Time
- Missing Stone Detector
- Backtrack/Backup
- Set Origin
- Outline Trace
- Powered by Windows XP



Gemfix GEM5550 Major Features

- Large working area – up to 21.6" x 19.7" in open field
- Arm and cylinder bed type of machine
- Two automatic stone feeds
- Speeds up to 80 stones per minute
- Welding by ultrasonic frequency
- Electronic sensor control on 5 axis
- Color touch screen controller
- Lightweight, super-sturdy aluminum construction
- Design data transfer via USB, Lan or serial connection

Gemfix Grows With You!

Using advanced networking technology, you can easily connect together as many GemFix machines as you wish to create an extremely flexible production system. Run the same design on all of your machines at the same time or different designs on different machines simultaneously.

In addition, the DG/ML by Pulse – GEM Software allows the transfer of a design to both an embroidery machine and a rhinestone machine at the same time, making multi-media applications simple and efficient to setup.

Specifications of GEM5550

Machine Dimensions:

- Width 49"
- Length 55"
- Height 45"
- Weight 176lbs

Working Area

- Maximum Border Frame Size 21.6" x 19.7" (550mm x 500mm)
- Maximum Tubular Frame Size 18.7" x 17.7" (475mm x 450mm)

Production

- Feed Plates 2 (allows 2 colors and/or 2 sizes of stones per job)
- Speed 80spm (stones per minute)

Power Requirements

- Electrical 110volts, 5 amps
- Air 75psi

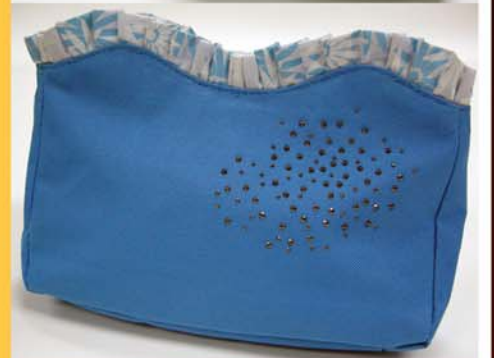
Two Different Framing Options Make It Possible To Add Rhinestones To Virtually Anything

- Tubular Embroidery Frame

The GEM5550 machine readily accepts tubular embroidery frames up to 475mm x 450mm (18.7" x 17.7") making it a breeze to combine embroidery and rhinestones into one design. Perfect for finished garment applications.

- Border Frame

The GEM5550 comes with a 550mm x 500mm (21.6" x 19.7") border frame which provides the flexibility to handle ultra-large designs. Ideal for dealing with cut goods, roll goods and garment panels.



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