

**PERFECT LASER**

# **Fast Speed Galvanometer-Scanning Laser Engraving Machine for Jeans and Denim**





Perfect Laser is a world famous manufacturer for jeans laser engraving machines.

The denim and jeans laser engraving machine is catering to the demands of replacing traditional washing processes. With 3D dynamic large-format galvanometer marking technology, this system is specifically developed for jeans, denim, garment engraving.

Equipped with circulation type material feeding processing technology, the jeans engraver and denim laser engraving machine engraves patterns on specified positions during the process. Thereafter, the material automatically moves to the engraving area with the help of a conveyor.

## Product Features

- 1) Perfect Laser specially designed this machine for denim and jeans engraving, successfully replaced traditional processing. energy-saving, software interface-friendly, no pollution and strong personalized.
- 2) Circulating convey processing. While in the process, at the same time jeans laser engraving machine also can load material with high productivity.
- 3) This jeans laser engraving machine is equipped with USA original 500w Co2 RF metal laser and triaxial dynamic large-format galvanometer control system, Low maintenance cost. Fully closed structure. Smoking effect is good. Safe and reliable system.
- 4) The denim laser engraving machine can engrave a variety of personalized designs such as cat whiskers, monkey wash, PP spray, hanging rub, ripped, sandblasting, snow, portrait and other effects with clear texture and never fade.

| Laser Generator and Optic parameters |  |  |               |
|--------------------------------------|--|--|---------------|
| Laser Type                           | USA Co2 RF metal tube  | Laser Power  | 500W          |
| Laser Wavelength                     | 10.6 micro meters  | Galvo Scanning effective area  | 1100mm*1100mm |
| Galvo process speed                  | 0-20000mm/s<br>(defined as the process material and requirement) |  |               |
| Software system                      |  |  |               |
| Control software                     | Perfect Laser's original software                                |  |               |
| Software Format                      | BMP, AI, DST, DXF, PLT, etc.                                     | <b>PERFECT LASER</b><br><a href="http://www.perfectlaser.net">www.perfectlaser.net</a> |               |
| Working table parameter              |  |  |               |
| Working table type                   | Transport conveyor belt  |  |               |
| Conveyor speed                       | 0-600 mm/s   | Conveyor table motor Servo motor   |               |
| Assistant System                     |  |  |               |
| Protection System                    | Full protection with optic part structure                        |  |               |
| Control System                       | Perfect Laser professional control card                          |  |               |
| Cooling System                       | Constant temperature water chiller 5kw for laser machine         |  |               |
| Exhaust System                       | Fixed upper exhaust fans (Filter system is optional)             |  |               |

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