

|                         | XF 510p  | XF 510m  | XF 510r  | XF 530  |
|-------------------------|--|--|--|---|
|                         |                 |                 |             |  |
| Technology              | Dot peen Pneumatic   | Dot peen Electromagnetic   | Scribing   | Dot peen Pneumatic or Electromagnetic   |
| Marking area            | 50 x 20 (Cp) (1.97" x 0.79"),<br>100 x 80 (Sp) (3.94" x 3.15"),<br>200 x 80 (Dp) (7.87" x 3.15") | 50 x 20 (Cm) (1.97" x 0.79"),<br>100 x 80 (Sm) (3.94" x 3.15"),<br>200 x 80 (Dm) (7.87" x 3.15") | 40 x 50 (Cr) (1.57" x 1.97"),<br>80 x 50 (Sr) (3.15" x 1.97"),<br>160 x 50 (Dr) (6.3" x 1.97") | 200 x 50 (7.87" x 1.97")  |
| Main advantage          | Speed  | 2D codes   | Quiet  | Deep marking  |
| Material hardness (HRC) | < 62   | < 62   | < 62   | < 62  |

## Gravotech IMPACT



|                    |                          |
|--------------------|--------------------------|
| Dimensions - LxWxH | 19.29" x 10.63" x 27.72" |
| Engraving area     | 3.94" x 4.72"            |
| Z stroke           | 11.81"                   |

## Dot Peen marking machines & Scribing.

Marking by dot peen and scribing offer permanent, tamper-proof marking. All our marking systems are designed to be integrated into any production process to mark all metallic and plastic parts directly, whatever the shape or surface finish.

**Gravotech invented dot-peen marking in 1981 to meet the growing coding and identification needs of industrial parts.** Future-oriented, Gravotech continues to develop solutions dedicated to the progress of industrial engraving and marking and offers several technologies: pneumatic, electromagnetic, or Scribing. Our range of integrated dot peen marking machines and scribing machines is the most reliable and efficient market. Our dot peen marking and scribing marking systems offer permanent, legible, and deep marking on metals and plastics at a low purchase cost and high return on investment. Their integration on production lines is quick and easy, thanks to their compact design and full connectivity.

## Integrable Laser Markers

Gravotech offers a wide choice of laser marking machines designed for integration into production lines or the manufacturing process. They meet industrial standards and provide high-quality markings in short cycle times. Our galvo lasers are the ideal solution for Direct Part marking; there are no consumables and no maintenance required. The total cost of ownership is much more attractive compared to labeling or inkjet solutions.

Our wide range of integrated laser markers come in various power classes and wavelengths to suit your parts and product identification needs, whatever their materials. Our integrable laser markers are mainly used to mark and engrave texts, logos, alphanumeric codes, 1D, 2D, and Data Matrix codes.

**Highly communicative, lasers can operate autonomously in a production line and generate all the data necessary for your identification.** We offer ready-to-integrate solutions that require no additional connection equipment and no PC. They can be integrated and interfaced easily with most of the PLCs brands thanks to their compatibility with a wide range of communication protocols. Our Vision manager function allows instantaneous marking control of your text and codes, and the result can communicate with your systems.

**Based on an experience of 40 years in integrating marking equipment in production lines, Gravotech has developed a wide range of accessories and functions to facilitate the mechanical integration, 3D module to make on complex parts, autofocus for non-precise conveyor, class-1 nozzle for complete safety, and many more.**