The KT-PFL Series Flange Dot Peen marking machine has been designed for ease of use and adaptability to a variety of circular applications in industries such as Electronics, Metal Processing, Vehicle, Medical and Aerospace. High precision levels and ease of use is the norm with these machines. Marking and engraving on flanges/tubes/pipes and other circular products is available for larger diameters. The rotary fixture helps clamp all your components up to a diameter of 200mm or 250mm. Customization options are available for all cylindrical surfaces such as flanges.

**Advantages**

- High accuracy, ease of maintenance, low running costs and absolutely no consumable costs.
- Robust structure of the machines ensures protection against moisture, dampness and rust. They possess the strength to withstand all shocks and rough handling.
- Advanced USB interface control technology brings with it utmost convenience.
- Imported tungsten alloy print pin offers high stability and long life of up to 1 year.
- All characters, numbers and graphics can be marked.
- Rotary Chuck holds diameters up to 200mm – 250mm. (Customization available up to 500mm).
- High power stepper motor for marking round parts of up to 80 kgs.
- Rotary fixture allows the marking of different diameters.
- Optional marking area.
- Standard marking area.

**Specifications**

- **Marking and engraving**:
  - Stainless steel, brass, aluminum, plastics.
  - English characters and numbers. All kinds of graphics, logos, dot matrix 2D codes, Barcodes, serial numbers, circular letters and others.
- **Working Area**:
  - 120mm x 80mm
- **Table Size**:
  - 300mm x 200mm
- **Movement**:
  - X-Y motion being the standard, an external Z axis helps with marking on the bottom side of parts.
- **Power Supply**:
  - AC220V 50Hz or  AC110V 60HZ
- **Temperature**:
  - From 0 – 40 degrees centigrade
- **Humidity**:
  - 0-90% (Non-condensing)
- **Air Pressure**:
  - 0.2Mpa ~ 0.6Mpa

**Applications**

- ID verification, batch and shift coding.
- Parts, equipment and tools marking.
- 2D codes, Barcodes, serial numbers, circular letters and others.
- ID verification, batch and shift coding.
- Parts, equipment and tools marking.

**Software Specifics**

- Connected using a USB port.
- Software, USB and cable.
- The Dot Peen marking system works on air power.
- The KT Dot Peen marking machine is a high-performance pneumatic marking machine.
- The rotary fixture helps mark on the bottom side of parts.