



Press release

NEW: Compact dot peen marker with integrated control unit Marking head for an easy integration in production lines with low space requirement

The innovative and compact dot peen marking head MV5 U65/30 INTEGRAL is equipped with an internal control unit. The previously required wiring works between marking head and control unit and the installation in the control cabinet is not required anymore. No space for an external control unit needs to be provided.

Due to the use of latest manufacturing technologies and materials, the dot peen marking head convinces with its light weight of only approx. 3.0 kg. The mounting on a robot arm is possible without any problems. Despite the low device dimensions, the integration unit has a big marking area of 65 x 30 mm.

As the drive of the marking pin is electromagnetic, no compressed air supply is needed. This reduces the operating costs and makes this dot peen marking head next to the good price-performance-ratio even more attractive.

The marking head is suitable to mark several materials up to a hardness of 63 HRC. The marking force of the solenoid which was especially developed for marking purposes can be adjusted individually to the material and the needed marking depth (marking force 1 to 30). With this, a precise marking of nearly all materials is guaranteed.

The high quality, double guided linear guides in X- and Y-direction guarantee a high repeatability and an exceedingly precise and warp free marking result. The marking head can be mounted in any position and can optionally be protected using a protection cover.

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The programming can be carried out via the proven MARKATOR®-PC-Software. Using an external computer the access to the control unit can be carried out via the existing Ethernet-interface of a company network or self-sufficient via the USB-B-interface.

The data transfer can be carried out using the program option Ethernet (TCP/IP). For a simple and fast communication with the PLC (Siemens S7, TIA), an optional function block developed from MARKATOR® can be used. This guarantees a smooth installation into a PLC-driven production line (via the Ethernet-interface). A synchronization can be done via the 4 digital In- and Outputs. Due to 6 status LEDs which are located directly on the marking head, a fast function check (e.g. basic position x/y, error, etc.) is possible. Several hundreds of marking files can be saved and administered on the internal memory of the marking head.

Are you interested in our new dot peen marking head with integrated control unit?

Contact us via email to sales@markator.de or visit us online on www.markator.com

Attachment:



Markierkopf_Marking head U65_30_INTEGRAL.jpg



Markiertes CE-Zeichen_Marked CE-symbol.jpg

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