



# **DSP LASER AP and MCS**

## **SAFETY SYSTEM for the PRESS BRAKES**

DSP LASER AP and MCS are the result of more than thirty years of experience that NUOVA ELETTRONICA has acquired in the field of safety of machine tools and especially press brakes.

This system harmonizes: compliance with the rules in force, the practicality of installation, ease of use, the speed of the bending cycle, the sturdy build with a very high relation between quality- performance and cost.

DSP LASER AP, where AP means high performance, comes from the now well-known and tested DSP LASER.

The special optical characteristics, which also derive from the use of the laser source, and the sophisticated electronic circuitry, in full compliance with the requirements of EN61496-1/2 and EN12622, guarantee the safety of the operator, not obstructing the bending cycle.

The robust design is also required for the particular position that the device must have on board.

MCS, also in Category SIL3, manages, in addition to DSP LASER AP, the entirety of the standard devices of which the press requires for its own function.

ascent pedals, the automatic locking tool, and more, are all components controlled by MCS.

This provides also to transmit to the CNC and receive from the serial port, alarms and controls. This characteristic also allows a great possibility to personalize the man-machine interface according to your company standard. MCS is still independent, so it can work well even on machines without CNC.



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**AUTHORIZED DEALER:**