



# DSP LASER

## SAFETY DEVICE TYPE 4 FOR PRESSBRAKE MACHINES

DSP LASER will make your pressbrake safe in a very reliable way.

Its installation will be possible with great simplicity and at a cheap price.

You will make your working safe by using a cutting-edge technology, without decreasing productivity, on the contrary productivity will be even improved compared with traditional systems by now obsolete.



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DSP LASER safety device replaces DFS LASER BEAM and it is better both for its functionality and its use simplicity.

DSP LASER protects the pressbrake operator from the danger of crushing that can take place accidentally between the moving part of the machine and the fixed one. The project idea used for this device is the one to fit out the moving part of the pressbrake with a protection zone. This is a volume of suitable and special dimensions generated by DSP LASER and placed under the upper tool vertex at a higher distance than that the machine requires to stop.

So the protection zone, that moves together with the mobile part because integral with it, advances the race of this one towards the fixed part.

An obstacle (for example the operator fingers) when entering the protection zone, is detected immediately causing consequently the interruption of the mobile part motion.

As the detection takes place at a higher distance than that the machine requires to stop, the crushing possibility between the two tools may be excluded.

This idea of protection, in addition to be in compliance with what is requested by the latest and more up-to-date version of specific regulations of the pressbrakes EN 12622, makes the machine safe for the operator as requested by the dispositions of the « Machine rules ».

DSP LASER system is a solution for the pressbrake safety, specifically designed for this machine, it is for this that it assures to carry out the machine working cycle penalizing its execution time in the least.



AUTHORIZED DEALER: