

LZS-003

Guarding System for Press Brakes



The LZS-003 press brake guarding system offers a highly effective solution for both operator safety and machine productivity. The LZS-003 system is Category 4 compliant and meets the world's most demanding international safety standards.

The LZS-003 features a laser transmitter and receiver which are mounted on the upper beam of the press. A continuous parallel flat band laser provides a 40mm protective zone directly below the punch, allowing the operator to remain close to the work piece as the tools close at high speed. If an obstruction is detected, the beam movement is stopped so that the punch cannot make contact with the obstruction.

Benefits

- Designed to ensure maximum safety without compromising productivity.
- Allows tools to close at high speed, increasing productivity.
- Complex shapes can be achieved in high speed with Tray/Box Mode.
- Minimal slow speed travel in each stroke ensures maximum productivity is achieved.
- The intelligent LCD operator control with on-screen instructions and easy to read messages makes the system simple to operate.
- The mute point is automatically detected, easily set and continuously monitored.
- Encoder feedback provides continuous closed loop monitoring of the speed and stopping distance of the pressing beam.
- The laser transmitter and receiver can be quickly moved clear during tool changes, are very easily adjusted and highly tolerant to vibration.

Key Features



Single laser system



Fast response time



Minimal slow speed for maximum productivity



Safety speed automatically monitored



Stopping distance automatically monitored



Mute point automatically detected and monitored



Tray mode for high speed bending of tray and box shapes



Mute stop mode



Vibration Resistant



Sensor blanking eliminates back gauge interference

The LZS-003 system is available as standard on new machines from leading press brake manufacturers, or as a retrofit for your existing machine. Contact your machinery dealer or your authorized Lazer Safe installer.



Lazer Safe Pty. Ltd.

27 Action Road, Malaga WA 6090, Australia

t: +618 9249 4388

f: +618 9249 6011

e: info@lazersafe.com.au

w: www.lazersafe.com.au

