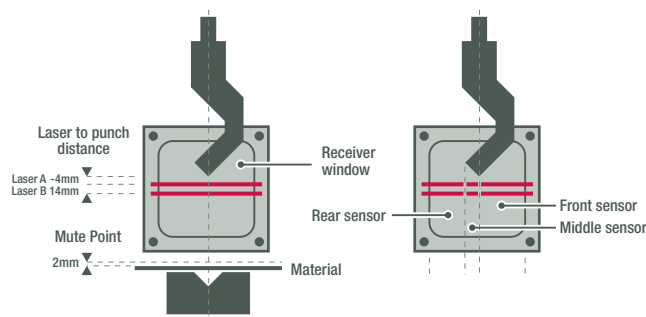


LZS-003-HS Dual Laser System

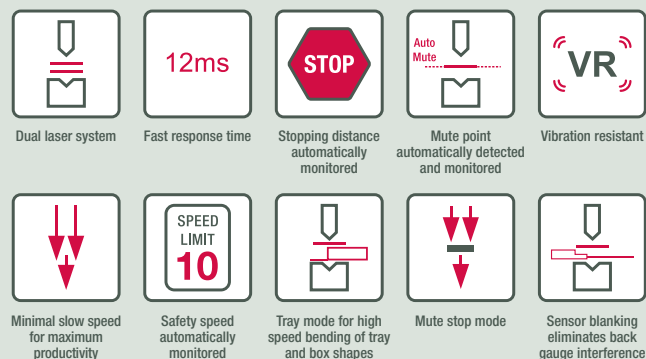


LZS-003-HS System Components



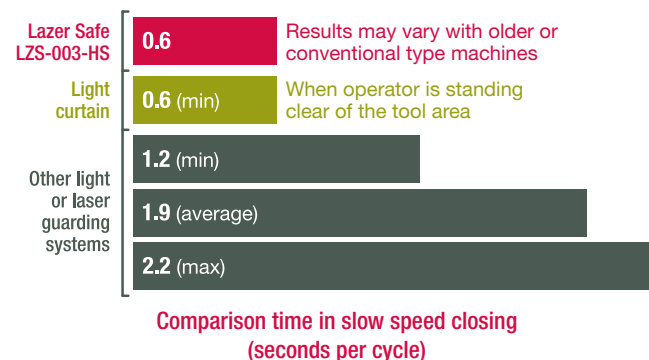
The LZS-003-HS is supplied as a complete retrofit package including Control Module, Laser TX & RX, LCD Operator Panel, Encoder Kit and mounting brackets.

Key Features



Compare the productivity benefits

The LZS-003-HS dual laser system provides safe high speed closing down to just 6mm. Compared with light curtains other guarding systems the LZS-003-HS can save valuable seconds per cycle. For every 1000 cycles the LZS-003-HS system can save you over 20 minutes in operating time.



The LZS-003-HS Press Brake Guarding System is available for retrofit to most existing hydraulic press brakes. For sales and expert installation services please contact your nearest Lazer Safe Authorised Distributor or machinery dealer.

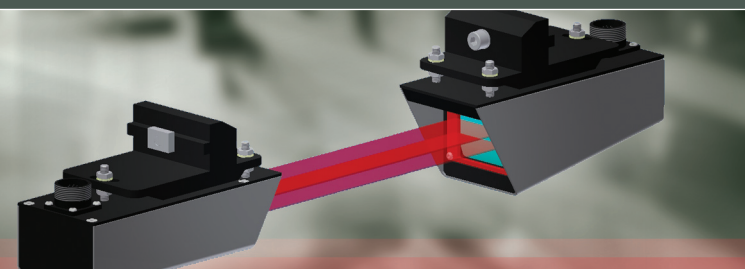


For more information visit www.lazersafena.com or contact:



The Innovator in Functionality, Productivity and Safety for Press Brakes

LZS-003-HS Press Brake Guarding System



Increased Productivity // Automatic Set-up & Monitoring
Superior Operator Protection // User Friendly Operation



LZS-003-HS Press Brake Guarding System

The LZS-003-HS Press Brake Guarding System offers a highly effective solution for both operator safety and machine productivity. The LZS-003-HS system is Category 4 compliant and meets the world's most demanding international safety standards.

Key Features

Increased Productivity

- Allows tools to close safely at high speed, increasing productivity.
- Minimal slow speed travel in each stroke ensures maximum productivity is achieved.
- Complex shapes can be achieved in high speed with Tray/Box Mode.

Superior Operator Protection

- Point of operation guarding with fast response time.
- Dual laser protective zone protects in front, below and rear of the tool tip.
- Tool damage protection – avoid high speed tool collision and damage that can occur when objects are left on the die.

User Friendly Operation

- LCD Operator Panel with on-screen instructions and easy to read messages.
- Fast and simple set-up
- Easy and quick adjustment during tool change with quick lock linear brackets.
- Reduces operator fatigue.

Automatic set-up and monitoring

- Automatic mute point set-up and monitoring
- Automatic stopping performance (overrun) monitoring
- Automatic speed monitoring

Automatic Mute Point Set-up

The 6mm mute point set-up is automatically initiated on the first cycle. The laser detects the material surface and the operator is prompted to confirm the mute point via the LCD Operator Panel. The LZS-003-HS automatically monitors the mute position and detects changes in tool size and material thickness.

LCD Operator Panel

The intelligent LCD operator control with on-screen instructions and easy to read messages makes the system simple to operate. A magnetic backing allows the panel to be easily moved on the front of the machine.

Advanced Monitoring functions

Encoder feedback provides continuous closed loop automatic monitoring of the speed and stopping distance (overrun) of the pressing beam.

Adjustable Linear Brackets

The TX and RX can be quickly moved and locked clear during tool change, are very easily adjusted and highly tolerant to machine vibration.

Laser Receiver (RX)

The RX features a wide reception zone to eliminate the need for precise manual adjustment after tool change and is also highly tolerant to machine vibration.

Laser Transmitter (TX)

The TX emits a CLASS 1 dual laser below the punch and provides a protective zone in front, below and rear of the tool tip. As the tools close in high speed the lasers are progressively muted while machine deceleration and speed is monitored. The system provides optical protection until the tool opening is 6mm and travel is reduced to bending speed. This allows for maximum high speed travel for faster cycle times and increased productivity.

Close Proximity Operation

The LZS-003-HS enables the operator unrestricted access to the tooling area. The operator can hold the work piece as close as 20mm from the tool area and operate the machine safely in high speed. This increases productivity and reduces operator fatigue – no more stepping in and out of the tool area as with traditional light curtains.

