



TANDEM PRESS

Safety AI

Operating tandem presses with large tables poses significant risks for operators who might find themselves in the blind spots between light curtains. Event Gates Tandem Press Safety AI offers highest safety without impacting production cycle and setup times.

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RISK ASSESSMENT

Presses With Large Tables

Operating tandem presses with large tables poses significant risks for operators who might find themselves in the blind spots between light curtains. Addressing this challenge requires innovative solutions that doesn't need setup in every die change and must be fast not to slow down production.

Blind Spot Behind Die

Similar to light curtains, potential blind spots behind sizable dies present a hazard to operators who are required to interact with the die or its components during operations. This risk stemming from the mold's dimensions can be effectively mitigated by implementing a two-camera system that captures views from opposing sides.

SYSTEM FEATURES



Blazing Fast Response Time

In a manual tandem press operating at a frequency of 4-5 strokes per minute, a mere 1-second addition to the cycle time results in a significant 40-minute shift delay. Event Gates' artificial intelligence, operating at a comparable speed of an electronic solution, delivers advanced security measures while maintaining the regular production flow, thanks to its sub-second response time.



No Need To Setup

With its AI powered capabilities, the system detects individuals within the designated area, eliminating the necessity for setup after die changes. This functionality remains effective across all dies, using the configuration established during the initial commissioning phase. For enhanced safety in larger molds, the utilization of a pair of cameras positioned opposite each other is strongly recommended.

