

SR-Press

SR-Press is an industrial safety monitoring and control solution used with press equipment. It uses 3D sensing and an industrial computer running SR software to establish a configurable safe work envelope around the operator/hazard area and to output a safety stop/safe state signal to the press safety/control system when intrusion or unsafe conditions are detected. The system can host an on-device AI model to verify glove presence as part of the safety logic. SR-Press is not a press or forming machine.

What it is

- SR-Press is an industrial machine safety monitoring and control system used with industrial presses (ex: press brakes).
- It is not a press and does not perform forming work; it monitors the operator area and interfaces to the press safety circuit.

How it works

- SR-Press uses RGB sensors and an industrial computer running Sensory Robotics software.
- The system processes sensor data in real time to create a safe work envelope around the operator and the press hazard area.
- When SR-Press detects a condition that could create risk (ex: a hand entering a defined hazard zone), it outputs a safety stop / safe state command to the press control/safety system.

AI glove verification (what it does and does not do)

- SR-Press can run an on-device AI model on the industrial computer to help determine hand/glove presence as part of the safety logic.
- The AI function is used for protective equipment verification (glove on/off), not for identifying a person.

Summary

SR-Press is not currently a certified or approved safety system. It serves as an administrative safety layer that monitors the operator area, defines a configurable work envelope, and provides safety-related status or outputs to support safe operation. The press manufacturer's safety-rated controls and safeguarding remain the primary means of risk reduction and compliance.