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Examples of Industries Served

- Centrifuge Manufacturers
- Pellet Mill Manufacturers
- Heavy Machine Manufacturers
- Irrigation Equipment Manufacturers
- Tool and Die Manufacturers
- Food Service Companies
- Medical Equipment Manufacturers
- Medical Researchers



Case Study

Opportunity:

A customer needed to guard several brake presses. The need was especially pressing for this customer because of a recent accident. The customer utilized presses from multiple manufacturers and therefore needed solutions for each press. Since safety was a factor, Controlled Motion Dynamics needed an unquestionable solution.

Solution:

Controlled Motion Dynamics traveled to the customer's facility, inspecting and gathering information on each press. Controlled Motion Dynamics then created several options for the customer, who opted for safety light curtain systems.



Three light curtain box

For presses with currently existing safety interface, Controlled Motion Dynamics:

- installed light curtains
- programmed the light curtains to meet the customer's operation specifications
- interfaced the operations to the press

For presses without currently existing safety interface, Controlled Motion Dynamics:

- installed light curtains
- built custom interfaces
- connected press controls and light curtains



Press brake

In addition to designing and installing the press safety system, Controlled Motion Dynamics also trained the customer's operators and set-up people to properly manage the light curtain operation and controls.

The customer created a safer work environment by utilizing Controlled Motion Dynamics for its solution. The customer has continued to use Controlled Motion Dynamics' expertise to guard several more machines.