

DURMA

Today Tomorrow Forever...

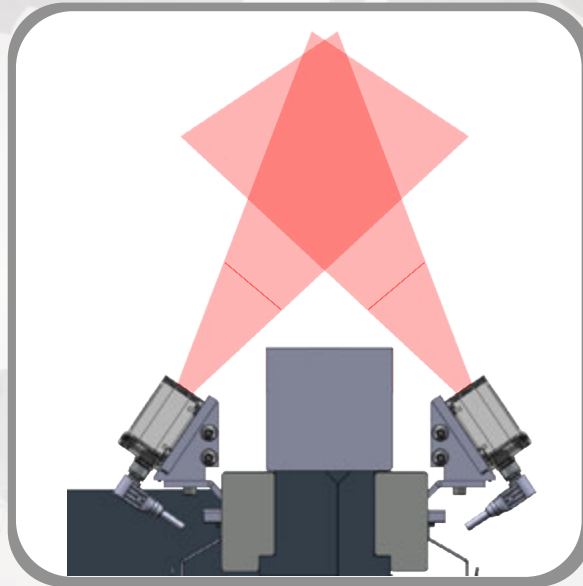
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Newsletter



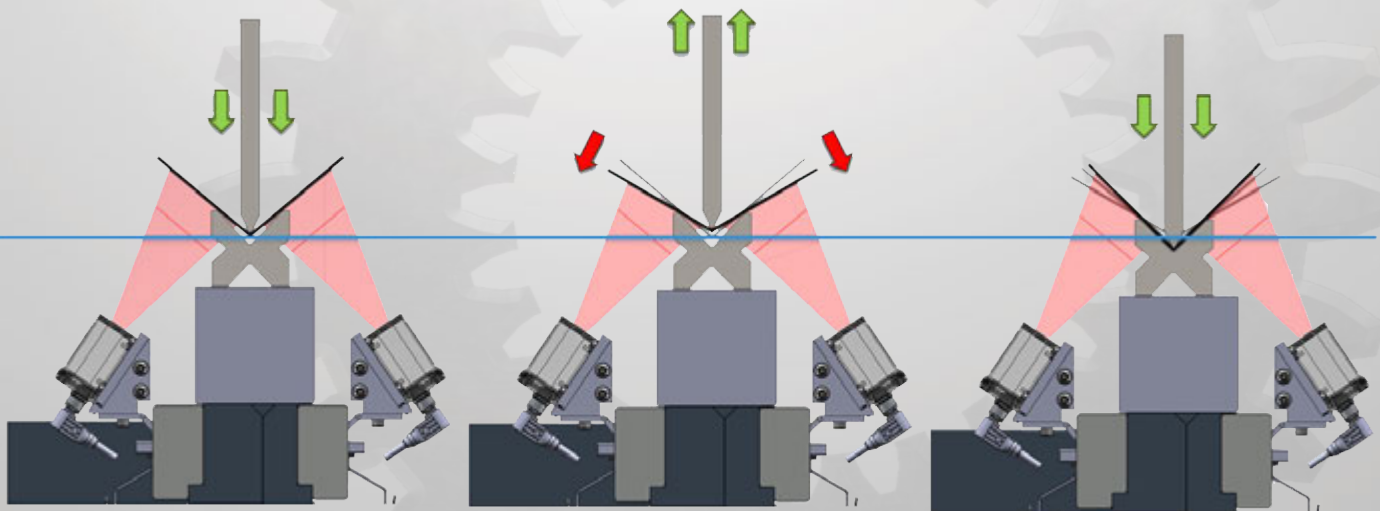
Correct Angle in first bending with DAM

Durma Angle Measurement System (**DAM**) is improved for Press Brake machines to get true bending results with less effort. Different



Different material quality and stress cause problems during bending process in pressbrakes.

In order to solve this problem and to make the uses also of minor quality materials safe for the user data Durma has developed a powerful solution for measuring bending angles in press brakes - Durma Angle Measurement (**DAM**)*



The target is angled using the angle information from the sensor.

The springback is allowed without allowing the upper tool to separate from the sheet.

The target is lowered by the calculated amount of flexion.

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Advantages

- True bending without operator's intervention.
- Provides the target angle with single bending.
- Prevents material and time loss.

Features

- Measuring sensitivity is $\pm 0.5^\circ$.
- DAM works only with Cybelec and Delem control units.
- The system working range is between 70° with 160° .
- The system can measure a width of 20mm from out of the lower tool
- The system's measurement range is between 90mm with 280mm.



DAM system saves every bending step's springback distance. When you make a new bending on same sheet, system remembers that distance and uses it without making a measurement again. In this way, bending process will be faster and error range will be decreased.