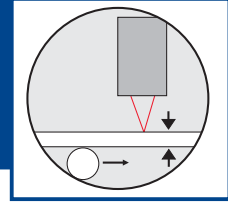


Plate Mill Shear Control



Shear control for plate mills require the ability to measure the position of the plate when the plate is moving into position at a fast speed and also during the deceleration as the plate nears its final position. Also important, is the position measurement when the plate jogs back and forth for fine position control. The LaserSpeed gauge, LS9000 was designed specifically for this type of application. The LS9000 uses a special Acusto- Optical Modulator to be able to measure very fine back and forth movements as well has high acceleration and deceleration rates needed for positioning control.

The LS9000 can automatically detect the strip when it enters the gauges measurement region. Then it can determine the direction of travel and follow even the most minuet movements of the plate. The gauge can keep tracked of the plate's position and send the position to the PLC via all the common communication protocols. This makes the LS9000 the ideal gauge for plate position and shear control.

The LS9000 gauge can work for both cold or hot plates.

Recommended gauges:

- LS9000-310E
- LS9000-315E