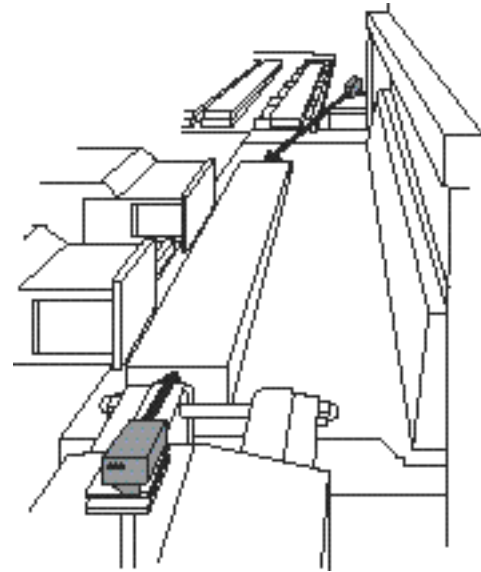
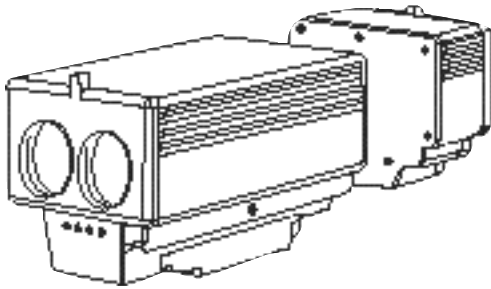


## LD - 6001

### Laser Length & Width Gauge



This System utilises Digital Laser Distance Meters operating on timed pulsed signal return principal in conjunction with a powerful CPU engineered to provide convenient operation & communication between the LDM's and the Mill PC.

Utilising compact line of sight LDM's that operate off both cold or hot product, even inside the furnace, this Gauge is well suited for determining the size and position of steel product such as slabs, blooms or billet in the furnace area & other difficult areas in the Rolling Mill.

The CPU automatically energises the LDM's, interrogates their functional state, then displays the individual measured distances from each LDM and calculates the widths, lengths or centerline deviations. These values are then combined into a single data string for direct connection to a Mill PC via RS232C serial port or alternatively, according to model, via an integrated ALSPA PLC for downloading on to FIB network.

Communication & adjustment of the LDM functions is via straightforward ACSII commands. The detachable LDM keyboards, the Mill PC or the integrated Modem provide 3 alternate means of calibration & fault finding on or off site. Calibration is straightforward and achieved by positioning an established measured source in the area of measurement and configuring the system via the Mill PC or Modem.

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### Features

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- Measures off hot or cold steel
- LDM's can measure at oblique angle
- Integrated ALSPA PLC option
- LDM's can mount 100 mtrs. from line
- Self-diagnostic code messages
- Remote Modem calibration