

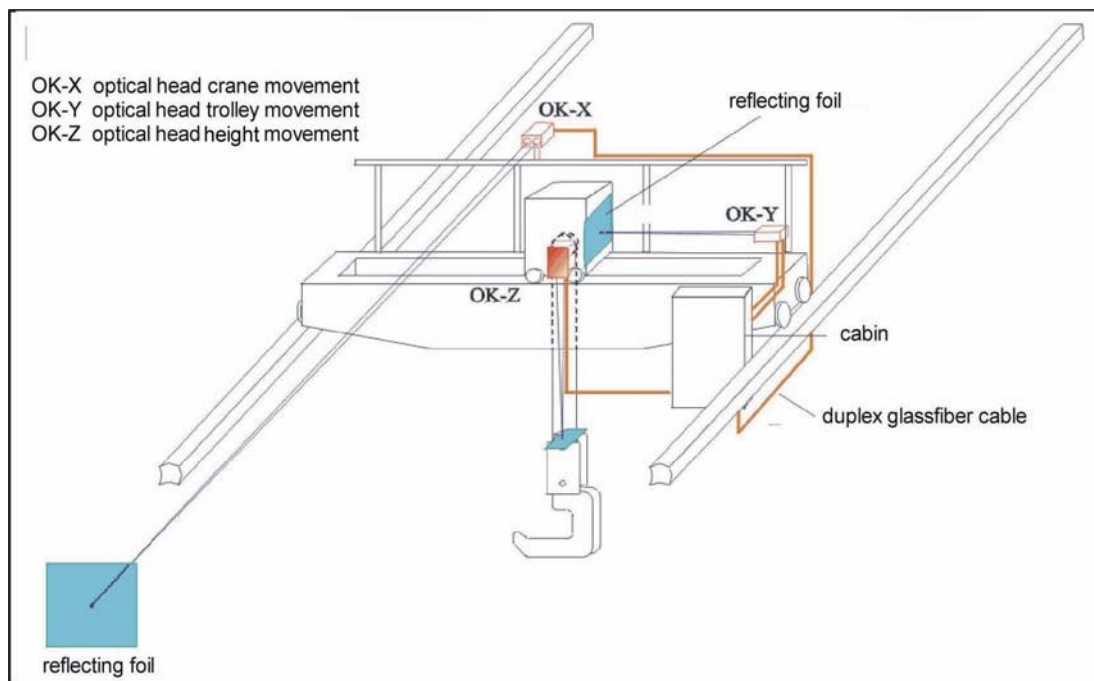
## Application of **Ferrotron Laser Instruments**

### **Problem:**

Automatic Crane Positioning

### **Solution:**

Optical range measurement in three axes with three LD90-3100-HS-GF instruments with fiber-coupled optical head.



### **Advantages:**

- No electronics contained in the optical heads
- Extremely lightweight and inexpensive optical heads
- Installation of electronic units in protected area
- Easy and cost-effective replacement of parts of the system in case of servicing requirements

### **Performance:**

- Maximum range: up to 1.000 m
- Accuracy: typically 15 mm
- Free line-of-sight required

**Alternative devices:** LD90-3100HS or LD90-450

Information contained herein is believed to be accurate and reliable. However, no responsibility is assumed by Ferrotron for its use. Technical data are subject to change without notice.

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