

FORK TRUCK MAST HEIGHT

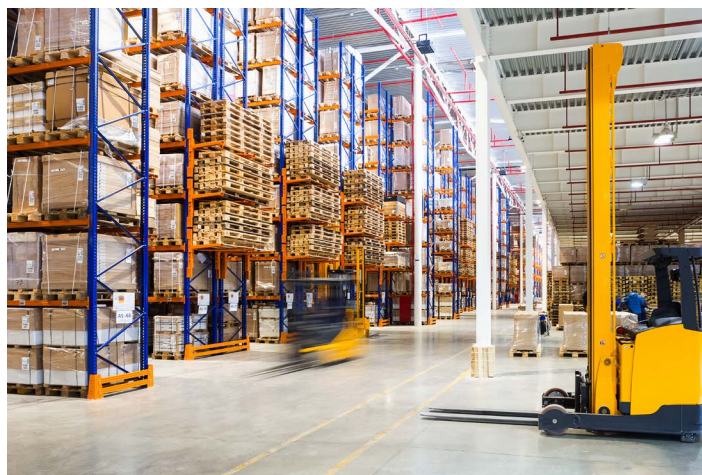
Background

Hoisting loads with a fork truck might seem like a pretty simple task, but there are a lot of ways it can go wrong. Skilled operators make it look easy, but they are constantly balancing load weight and height above the floor, with speed and turn radius while moving. They also need to be an expert at positioning the forks properly, when it is often hard to get a clear sightline to the pallet. It turns out that it takes quite a bit of experience to do the job well and efficiently.

Solution





Sensata-BEI Sensors can help the Fork Truck operator work more efficiently. By using a Draw Wire Encoder to monitor the fork height, the operator gains several advantages. Speed of operation is limited by the load weight and height. With Draw Wire feedback, operating speed can be safely optimized over a wide range, while reducing the risk of a tip-over. In addition, it is common to have level changes throughout a warehouse and maintaining the forks at the right height for each section avoids crashes with objects at ceiling height during transitions. Avoiding tip-overs and potential crashes are just two of the immediate benefits of using a Draw Wire Encoder for Fork Truck mast height.

A Draw Wire Encoder can help take some of the risk out of fork truck operation



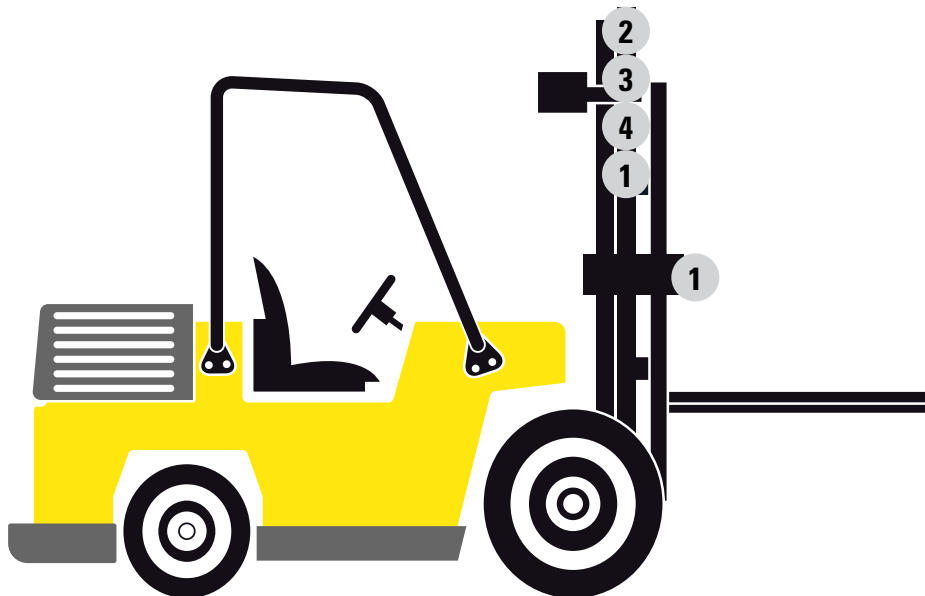


RECOMMENDED PRODUCTS

Reference on Diagram	Product	Type	Features	Function	Brand
1	 Custom	Draw-Wire Encoder	Up to 33' (10m) length	• Mast Height Fork Opening & Measurement (Compact, CAN)	BEI Sensors
2	 CD120	Draw-Wire Encoder	Up to 10' (3m) length Up	• Mast Height Measurement (Analog)	BEI Sensors
3	 CD150	Draw-Wire Encoder	Up to 19.7' (6m) length	• Mast Height Measurement (Analog)	BEI Sensors
4	 CDS12	Draw-Wire Encoder	Up to 49.2' (15m) length	• Mast Height Measurement	BEI Sensors



MAST HEIGHT AND FORK OPENING



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