

SMALL MOBILE BOOM CRANE EXTENSION

Background

Mobile boom cranes can be used in construction, landscaping, demolitions and a whole lot of other, similar activities. Like all cranes, the crane operator needs to keep close track of the weight they are handling, the angle of the boom and how far out the boom extension is. Without careful attention to these three things, there is a significant risk that the boom will be overloaded and collapse or cause the whole mobile platform to tip over.

Solution





One of the most critical parameters to keep track of is the boom extension. For small booms like the one shown in the picture, installing a draw-wire assembly is the perfect solution. As the boom is extended or retracted, the end of the Draw-Wire will move right along with it and the operator can tell exactly how much the boom has been extended. Together with the weight and the angle (using other measuring devices) the operator can stay completely in the safe zone.

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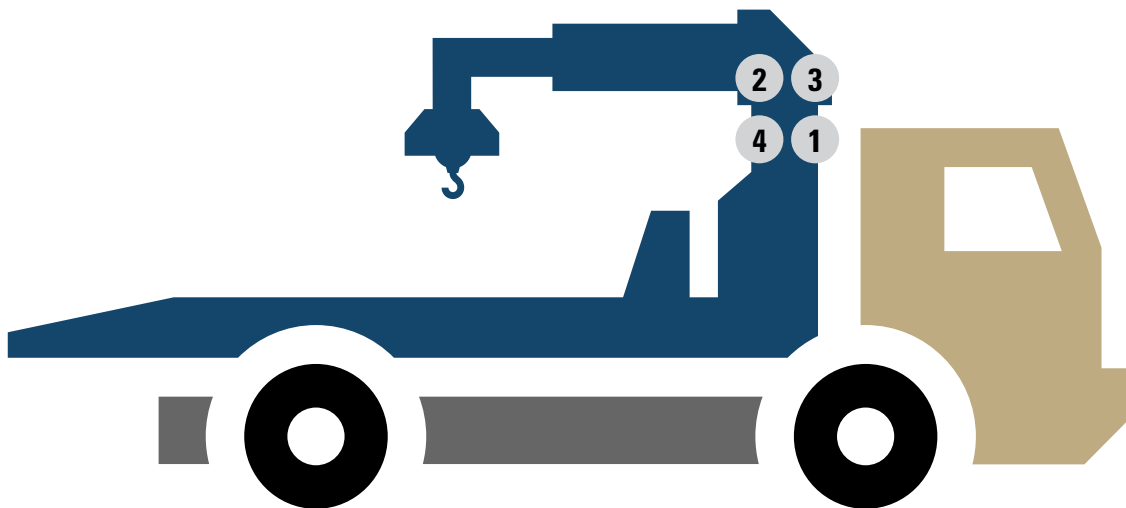


RECOMMENDED PRODUCTS

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



TRUCK MOUNTED BOOM CRANE



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