

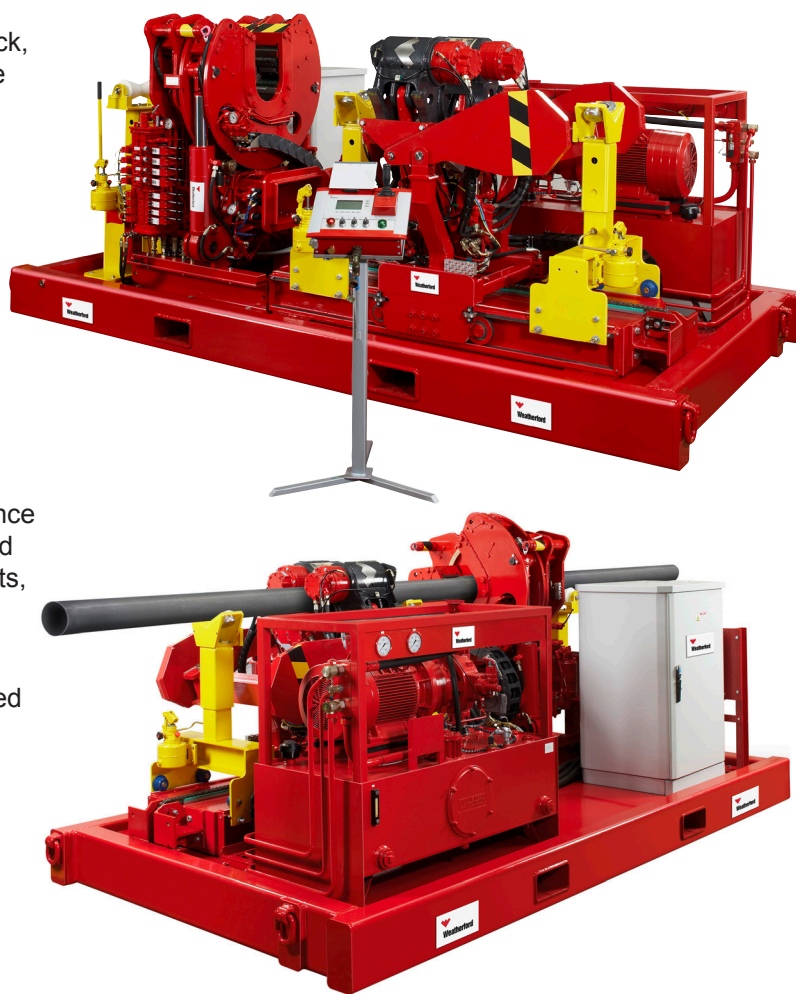


# *TorkWrench™ 10-100 Mobile Bucking Unit*

A variation of the TorkWrench iron roughneck, the Weatherford TorkWrench 10-100 mobile bucking unit is designed for making up and breaking out joints of drillpipe that have diameters ranging from 2-1/2 to 10 in. The mobile bucking unit enables offline makeup of drilling tools, drillpipe, and bottomhole assemblies (BHAs) for significant time savings.

The mobile bucking unit provides up to 100,000 ft-lb of torque for the toughest makeup and breakout operations. A robust, compact design with fewer moving parts increases overall reliability and provides outstanding high-speed breakout performance in the workshop or on the rig for most oilfield connections, including drillstring components, tools, packers, couplings, and valves.

The mobile bucking unit, control cabinet, support jacks, and power unit are all installed on a transportation platform.



## *Applications*

- Offline makeup and breakout of drillpipe, drill collars, BHAs, and drilling tools
- Torque transmission and accurate measurements of drillstring connections





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## *TorkWrench™ 10-100 Mobile Bucking Unit*

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### *Features, Advantages, and Benefits*

- High-torque wrenching and spinning units combine for faster makeup and breakout operations, enhancing operational efficiency.
- The three-jaw gripping system enables equal load distribution and easy jaw and die exchange, eliminating shear forces on tool joints and reducing backup clamping pressure while spinning.
- The top-loading capability simplifies equipment handling and conserves valuable space. An additional pipe-feeding transport is not required.
- The electronic control system enables remote operation and reduces the number of required rig personnel for enhanced safety.
- The free-floating spinning system follows the movement of pipe, protecting the tool joint and minimizing drillpipe damage caused by conventional systems.
- Its compact design enables using the bucking unit on the pipe deck for fast, easy rig up and rig down.
- Parts that are interchangeable between the TorkWrench 10-100 iron roughneck and the TorkWrench 10-100 mobile bucking unit enable continued operations while troubleshooting.
- Optional explosion protection according to ATEX regulations ensures safe makeup and breakout operations in potentially explosive Zone 2 atmospheres.

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### *Specifications*

Approximate Weight (lb, kg)	Dimensions				
	Length (extension frames in) (in., mm)	Length (extension frames out) (in., mm)	Width (in., mm)	Height (in., mm)	Pipe Center Height (in., mm)
33,070 15,000	479.2 12,171.7	614.7 15,613.4	95.2 2,418.1	83.5 2,120.0	66.3 1,684.0

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### *Options*

- Extension frames, equipped with adjustable-height support rollers, are available in different lengths.

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### *Additional Information*

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