

# Drill Floor Equipment ■ ■ ■ ■

## Hydraulic Roughneck 4160 (Light)

The Hydraulic Roughneck Light is designed to operate as the 1898 model, but due to its reduced size and weight it will fit on small sized drill floors (e.g. land rigs).

It is capable of handling tubular sizes ranging from 2 7/8" up to and including 8 1/2" diameter in well center and mousehole.

The gateless torque wrench (TW) is equipped with multi size jaws, for easy and quick alternations between different tooljoint sizes.



Hydraulic Roughneck Light in front view break-out position

Technical data	Data	Unit
TW min. make-up torque	5,300 [7,200]	Nm [lbf ft]
TW max. make-up torque	84,000 [62,000]	Nm [lbf ft]
TW max. break-out torque	105,000 [77,500]	Nm [lbf ft]
TW min. stick-up height	700 [2.30]	mm [inch]
TW max. stick-up height	1,500 [4.92]	mm [inch]
SP max. speed (w/5 1/2" D.P)	0-160	rpm
SP max. torque (w/5 1/2" D.P)	2,750 [2,028]	Nm [lbf ft]
SP travel height	500 [17.9]	mm [inch]
Mousehole tilt	0-5°bwd	Degr
Rail span (inside/inside)	1,200 [47.2]	mm [Inch]

### Optional features

- Automatic lubrication system
- Break-out torque record gauge
- Special jaws for odd tooljoint size/shape/material
- Wireless remote control (radio)



Remote Control Panel



Operated (controlled) with Radio Remote Panel