

# ComCAM-20/160-SL Bucking Machine

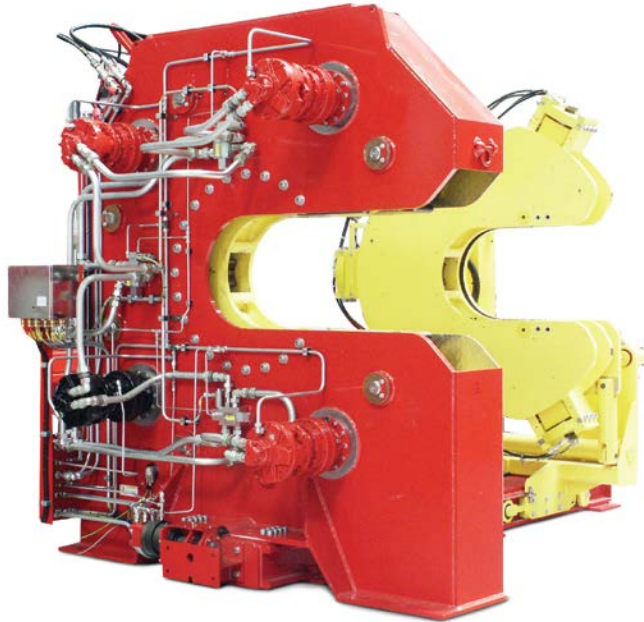
Generates high torques for makeup and breakout of tubulars with diameters ranging from 4-1/2 to 22 in.

## Applications

- Makeup and breakout operations:
  - On pipe deck for offline stand building
  - For all types of tubulars, including premium connections that have diameters ranging from 4-1/2 to 22 in. (114 to 559 mm)
  - For fully rotational, high-torque operations up to 160,000 ft-lb (216,931 N·m)

## Features and Benefits

- The open-head design offers side-loading capabilities to minimize space requirements.
- The electronic control system enables remote operations from the operator's cabin, which enhances safety by avoiding manual tubular handling and by reducing the number of required rig personnel in potentially hazardous areas.
- The machine is compatible with TorkPro3 torque/turns analyzing software, which records, analyzes, and evaluates data from premium connections in real time.
- The machine can reverse from makeup to breakout mode instantly.
- The gripping force can be adjusted continuously based on tubular material.
- The free-floating backup tong compensates for bending and shearing forces during makeup or breakout.
- Only three sets of jaws cover the ultrawide clamping range, which reduces the number of required



The Weatherford ComCAM-20/160-SL bucking machine offers side-loading capabilities when making up and breaking out tubulars, and it can generate torque up to 160,000 ft-lb (216,931 N·m).

jaw changes and saves time when changing pipe sizes.

- The jaws are easily interchangeable for minimal job preparation time and enhanced operational efficiency.
- The machine has special soft-touch dies for making up chrome tubulars without damaging them.
- The entire system can operate in potentially explosive zone 2 areas according to ATEX regulations.

## Tool Description

The Weatherford ComCAM-20/160-SL bucking machine makes up and breaks out double- and triple-joint stands of all API and premium-thread tubing, casing, and drillpipe. The side-loading, open-head bucking machine operates in conjunction with a Weatherford integrated pipe transport system. Both the bucking machine and pipe transport system can fit within limited pipe deck space for onshore operations and offshore platforms.



# ComCAM-20/160-SL Bucking Machine

## Specifications

Gripping range	4-1/2 to 22 in. (114 to 559 mm)
Maximum passing outer diameter	24 in. (610 mm)
Maximum makeup and breakout torque	160,000 ft-lb (216,931 N·m)
Maximum rotary speed	8 rpm



The ComCAM-20/160-SL bucking machine minimizes space requirements on the rig floor and enables remote operations from the operator's cabin.

