



# Casing Drive System™ and Compact Casing Drive System™ Technologies

The Casing Drive System™ (CDS) was designed primarily for the purpose of executing successful Casing while Drilling (CwD) jobs. Canrig's CDS and Compact Casing Drive System™ (CCDS) maximize the utility of the top drive to enhance tubular running, meeting the demands of today's complex and horizontal wells.

Our CDS and CCDS allow simultaneous rotation, reciprocation and circulation of the casing string. They can be quickly and easily installed on virtually any top drive with typically no modifications to the existing drilling equipment.

The CDS and CCDS reduce the need for increased manpower on the rig floor and in the derrick by using its integrated link-tilt system incorporating extendable bails and hydraulic single joint elevators. This enables the casing to be picked up at the V-door.

The link tilt system then positions the casing joint over the hole and supports the casing when lowering the CDS or CCDS and top drive, reducing the need for unnecessary manual pipe-handling on the rig floor and a stabber in the derrick.



## Safety

Field-proven slip design, patented link tilt pipe handling equipment and a safety interlock system to maintain control of the casing.

## Service

Canrig's global network of service provide 24/7 operational and technical support.

## Reliability

Provides the torque and ability to rotate and reciprocate casing to ensure it gets to the bottom.

## Increase Rig Capability

Its compact design and light weight provides single mast rigs safer operations and faster tubular running times.

## Versatility

The unit's overall design makes it quick to rig up/down on a variety of different rig designs.

## Low Cost of Ownership

Engineered with field-proven technology for performance and serviceability.

# Available Options



ECDS	
Max Hoist	640 ton*
Max Torque	29,500 ft-lb*
Casing Range	2-7/8" to 8-5/8"



ICDS	
Max Hoist	760 ton*
Max Torque	63,500 ft-lb*
Casing Range	4-1/2" to 24"



4-1/2 & 5-1/2" (left) and 7-20" (right) CCDS	
Max Hoist	613 ton*
Max Torque	65,000 ft-lb*
Casing Range	4-1/2" to 20"



- Accessories:
- TesTORK®
  - Multi-Lobe Torque (MLT™) Rings
  - Cement Swivel
  - And more

\* Contact your Canrig Representative for more information