CAMERON
A Schlumberger Company

CDVS-II

Cable double-V shear rams

APPLICATIONS

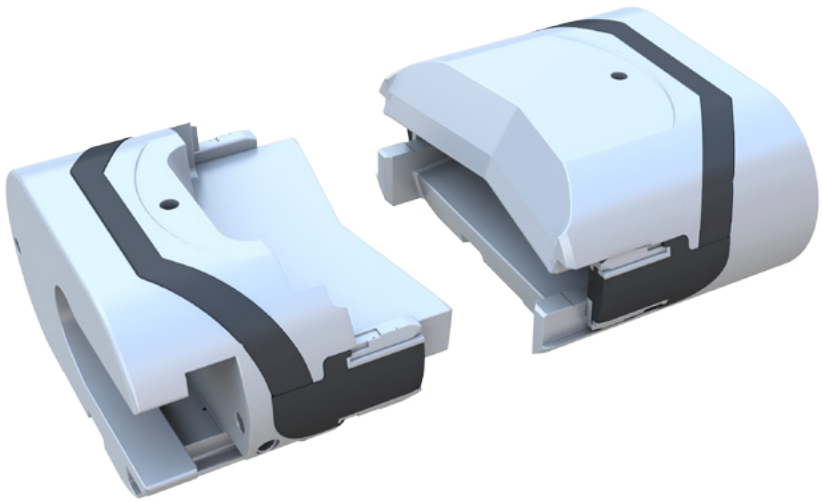
- Subsea drilling and production
- Shearing higher-grade pipe and larger pipe wall thicknesses

BENEFITS

- Greater dependability with increased durability
- Enhanced applications that encompass more pipe grades and wall thicknesses
- Improved operational efficiency by requiring less shear force

FEATURES

- Engineered ram body material mechanical properties to shear higher-grade pipe
- Increased fold-over pocket to accommodate larger pipe wall thickness
- V-shaped cutting edges that reduces required shear force
- Enhanced shearing ability of wireline and cable
- Large-blade packer
- Compatibility with
  - UII* subsea ram-type BOP
  - TL* offshore ram-type BOP
  - EVO* compact offshore ram-type BOP



CDVS-II cable double-V shear rams.

The Cameron CDVS-II* cable double-V shear rams feature increased shear blade width compared with standard double-V shear rams. CDVS-II rams also include an interlocking mechanism to enable shearing wireline and cable and a larger fold-over packer for shearing tubulars with larger wall thickness.

Both the upper and lower CDVS-II rams feature a V-shaped cutting edge to reduce the required shear force. The blade widths are increased to enhance the shearing of wireline and cable. The upper CDVS-II ram houses a large-blade packer, which seals on the front edge of the lower CDVS-II ram blade.

Shearing action

Upon completion of shearing, the lower fish is folded over and flattened to allow the leading edge of the lower blade to seal against a blade packer.