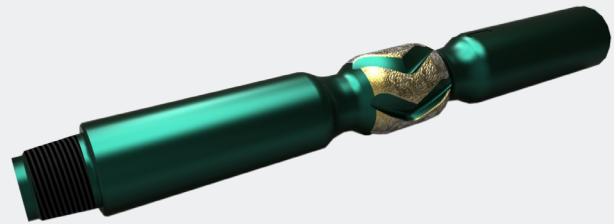


CBI™

Cutting Bed Impeller

Key Benefits and Features

- Reduces torque and drag on the string while in drilling mode
- Reduces frequency of twist-offs
- Ensures cleaner and more stable hole conditions
- Reduces drilling costs
- One piece mandrel with mechanical properties which exceed the drillpipe in which it is placed.
- Hydraulic and mechanical dual acting mechanism to remove cuttings beds.
- The tool is designed to be stronger than most premium drillpipe in which it would be placed.



Use in the following applications:

Deepwater and ultra-deepwater

Mid-water shelf

Land

The CBI Cutting Bed Impeller is a downhole drill string tool intended for use in deviated wells, where excessive buildup of cuttings causes drilling problems.

The CBI Cutting Bed Impeller is an integral drill string component consisting of a short mandrel with no moving parts. It is shaped in such a way as to stimulate any cuttings, which have a tendency to settle out of the mud in the high angled sections of the well bore. These sections could be inside the casing or in open hole; the tool adapts to suit several environments.