

CMSB

Solid-body cementing manifold



Rated to 5,000 psi
[35 MPa]



Rated up to 30,000 ft.lbf
[40,674 N.m]

APPLICATIONS

- Liner cementing operations without a top drive
- Rotary rig cementing operations
- Liner systems requiring a ball drop

BENEFITS

- Rotating and reciprocating the liner while cementing improves cement integrity.
- Manifold enhances well stability and safety.

FEATURES

- Swivel that permits manipulation of the workstring without breaking cementing lines
- Optional flag sub feature that indicates drillpipe wiper plug release
- Strong steel construction
- Optional ball-drop assembly
- Single- or dual-plug configuration

The CMSB solid-body cementing manifold suspends drillpipe from the rig elevators and retains the wiper plug so that it can be released after the cement has been pumped. The CMSB also connects the cementing lines to the running string during liner operations.

The manifold includes a heavy-duty swivel for easy string manipulation with the cementing lines in place. The swivel mechanism and drillpipe plug retainer are below the elevators for unobstructed operation.

The CMSB is available with single- or dual-plug-drop capabilities. In addition, an optional ball-drop assembly is available for use with hydraulically set liner hanger systems.

CMSB Specifications

Size (IF pin × lift sub), in [mm]

2.875 [73.0] × 2.875 [73.0]

3.500 [88.9] × 3.500 [88.9]

4.500 [114.3] × 4.500 [114.3]

4.500 [114.3] × 5.000 [127.0]

