

TOP DRIVE CEMENT HEAD (TDCH)

UNIT 300

The **TechWest Top Drive Cement Head (TDCH)** with Ball Drop, Drill Pipe Wiper Plug Valve and Bypass is used on rigs that employ a top-drive drilling system or a power swivel as the drill string power source. The unit is particularly beneficial in cementing operations when used in conjunction with rotational and reciprocating liner assemblies. The cementing head provides a means of introducing cement, and/or other fluids into the work string below the top-drive unit without interrupting rotational or vertical movement. A ball drop is also incorporated into the manifold to hold the setting ball for Hydraulic set Liner Hangers. The manifold stores the pump down plug in its upper chamber during the circulating, conditioning and cement mixing operations.

The TDCH is designed to support tensile loads from drill pipe setting string and liner.

