

## Hydraulic Stage Cementing Tools -SH32

Available in 4 1/2" to 13 3/8"



SledgeHammer's hydraulic stage tool meets the challenges of cementing holes at any angle with a hydraulically opened port system. The stage tool is designed specifically for horizontal completion. It is specifically used for Primary cementing in deep vertical or high deviated horizontal-well conditions. It reduces total hydrostatic pressure on weak formations to prevent lost circulation during cementing.

Clear surface indications of opening and closing pressures provide safer and more efficient operations. The opening pressure of the stage tool can be adjusted at rig site to meet well requirements, providing operational flexibility.