



Safe-T-Driver® Hoists - are available from USExploration Equipment Company as an alternative to a cathead for SPT sampling operations. The simple design allows the operator to raise and lower a safety hammer assembly 30-inches (762mm) - attached directly to the ¼-inch (6.4mm) cable that is spooled on the drum itself. The handle at the panel allows the operator to control the lift (visually), then pull the same lever down, pushing enough oil through the system to an over-running clutch attached to the hoist drum, creating a free-fall “action” for the 140-pound (63.5 kg) weight as part of the requirements for ASTM-D-1586-99 in every state. This same hoist can be used to “bump-out” when required, unlike other automatic or semi-automatic driving devices. The field kit includes a hand brake when conditions require it – simply specify the rig make and model when ordering...

Safe-T-Driver® Hoist with ¼-inch (6.4mm) Cable

Safe-T-Driver® Hoist Capacity	Maximum Hoisting Speed Up	Maximum Cable Spooling Capacity	Minimum Hydraulic Operating Requirements	Assembly Part Number
1,140-pound (517.1 kg)	1,132 rpm	350-feet (107m)	25 gpm @ 2,500 psi	7100-21012-25

Safe-T-Driver® Assembly Components	Assembly Part Number
Hoist Drum & Mounting Parts	7100-71026-08
Cable & Clevis for Mechanical Brake 35-feet (10.7m)	7100-050366-35
Cable & Clevis for Mechanical Brake 44-feet (13.4m)	7100-050366-44
Over-Running Clutch Assembly	7100-140592-01
Hydraulic Motor Assembly	7100-71012-31
Hoist Shaft Assembly	7100-213055

Hoisting/Driving – Safe-T-Driver

Safe-T-Driver® Assembly Components	Assembly Part Number
Mechanical Brake Handle Assembly	7100-216724