

# MODEL “H” HYDRAULIC SETTING TOOL

## DESCRIPTION

The Model “H” Hydraulic Setting Assembly (HST) is a hydraulic setting tool designed for setting packers and plugs without pipe manipulations. It is used to set packers and plugs that are normally set with a Model “E-4” Wireline Pressure Setting Assembly (or similar wireline setting equipment). The same adapter kit that is used on wireline can be used with the Model “H” HST.

The Model “H” HST and packer (or plug) is run in on the tubing to the desired setting depth and a ball is dropped to the HST. Pressure is applied to close the fill ports, which also opens the setting pistons to pressure. As pressure is applied, force is transmitted to the packer (or plug) to set. Tubing tension can also be applied to supplement the setting force generated by the pressure applied.

NOTE: Additional pistons can be added to reduce setting pressure.

## PRODUCT SPECIFICATION

Size (inches)	Tool Max PSI	Pull (max lbs)	Tool OD (inches)	Effective Piston Area (in <sup>2</sup> /piston)	Connection	
					Top	Bottom (Baker E-4)
#05	10,000	31,000	1.718	1.49	1.315 EUE	Size 05
#10	10,000	75,000	2.750	3.44	1.900 EUE	Size 10
#20	10,000	138,000	3.812	7.00	2-3/8 EUE	Size 20

