

MODEL “H” HYDRAULIC SETTING TOOL

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.

The standard setting tool comes with three pistons, but additional pistons can be added to reduce setting pressure.

Special Features

- Large internal by-pass
- Tubing fills automatically as HST is run in the hole
- Premature setting is prevented by means of a shear screw in the cross link sleeve
- Ported top sub permits circulation through the HST
- Use existing wireline adapter kits



Product Specifications

Size (inches)	Tool Max PSI	Max Pull (lbs)	Tool OD (inches)	Total Effective Piston Area (in ²)	Connection		Part Number
					Top	Bottom (Baker E-4)	
#05	10,000	31,000	1.718	1.49	1.315 EUE	SIZE 05	39105
#10	10,000	75,000	2.750	3.44	1.900 EUE	SIZE 10	39110-3
				6.88	1.900 NUE	SIZE 10	39110
#20	6,000	120,000	3.81	13.980	2-3/8 EUE	SIZE 20	39120-2
	4,000	120,000	3.81	20.940	2-3/8 EUE	SIZE 20	39120-3

NOTE: All pricing includes standard Nitrile trim. Other sizes and connections available upon request.

Service Tools