



UHP-UHT Electromechanical **Neo**HST

Description

UHP-UHT Electromechanical **Neo**HSTs are non-explosive, hydrostatic driven, and replace pyrotechnic setting tools.

NeoProducts Technical Team have set thousands of plugs with HSTs over the last 34 years. **Neo** Service Specialists are available to set plugs in UHP-UHT wells and place cement atop the plugs.

Service Temperatures & Pressures for UHP-UHT Electromechanical **Neo**HSTs are: 400° F (204° C) & 20,000 psig.

UHP-UHT Electromechanical **Neo**HSTs;

- are run on WL, SL, and CT,
- can be run in Gas, Heavy Brines, and Muds,
- set plugs and packers in 30 → 150 seconds and therein yield long-life pressure isolation barriers,
- can be operated in vertical through horizontal orientations,
- use Standard Baker Setting Tool adapter subs and “GO” Setting Tool adapter subs, and
- have no transportation restrictions.

UHP-UHT Electromechanical **Neo**HST Benefits

Safer field operations

Unlike pyrotechnic setting tools, **Neo**HSTs can deliver max load capability throughout the entire stroke

Eliminate burdens related to the use and transport of explosives

Safe, easy transport by land, sea, and air without restrictions

Produce long-life superior plug and packer seals

Compatible with Shooting Gamma Ray

Operates on positive and negative polarity

UHP-UHT Electromechanical Neo HST Models					
Neo HSTs Replace These Pyrotechnic Setting Tools	Service Pressure Range	Max Service Temperature	Max Applied Load Capability	UHP-UHT Neo HST Run-in Dia	UHP-UHT Neo HST Make-up Length
1.69 GO MRST GO Magna Range STs	10,000- 20,000 psig	400° F (204° C)	20,000 lbf @ 10.5” stroke	1.75”	111” (9’3”)
2.13 GO MRST GO Magna Range STs	10,000- 20,000 psig	400° F (204° C)	32,000 lbf @ 10.5” stroke	2.13”	111” (9’3”)
Baker Model 10	10,000- 20,000 psig	400° F (204° C)	50,000 lbf @ 11” stroke	2.88”	135” (11’4”)
Baker Model 20	10,000- 20,000 psig	400° F (204° C)	100,000 lbf @ 11” stroke	4.00”	135” (11’4”)

The UHP-UHT Electromechanical Setting Tools shown above are available for purchase and/or rent. UHP-UHT Electromechanical **Neo**HSTs are not always available off the shelf, 60-day ARO deliveries are common.

Contact **Neo**Products if 30,000 psig service pressure ratings are required.