



# HPHT **Neo**HST

## Description

HPHT **Neo**HSTs are non-explosive and replace pyrotechnic setting tools.

**Neo**Products Technical Team have set thousands of plugs with HSTs over the last 34 years.

**Neo** Service Specialists are available to set plugs in HPHT wells and place cement atop the plugs.

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

HPHT **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.

### HPHT **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

HPHT <b>Neo</b> HST Models					
<b>Neo</b> HSTs Replace These Pyrotechnic Setting Tools	Service Pressure Range	Max Service Temperature	Max Applied Load Capability	HPHT <b>Neo</b> HST Run-in Dia	HPHT <b>Neo</b> 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 HPHT **Neo**HST Setting Tools shown above are available for purchase and/or rent.  
HPHT **Neo**HSTs are not always available off the shelf, 60-day ARO deliveries are common.

**Neo**Products also provides Ultra-HPHT Setting Tools with service ratings of; 400° F & 30,000 psig.  
Contact **Neo**Products for additional information.