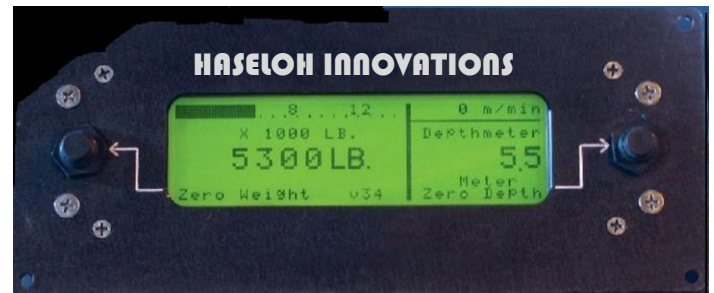
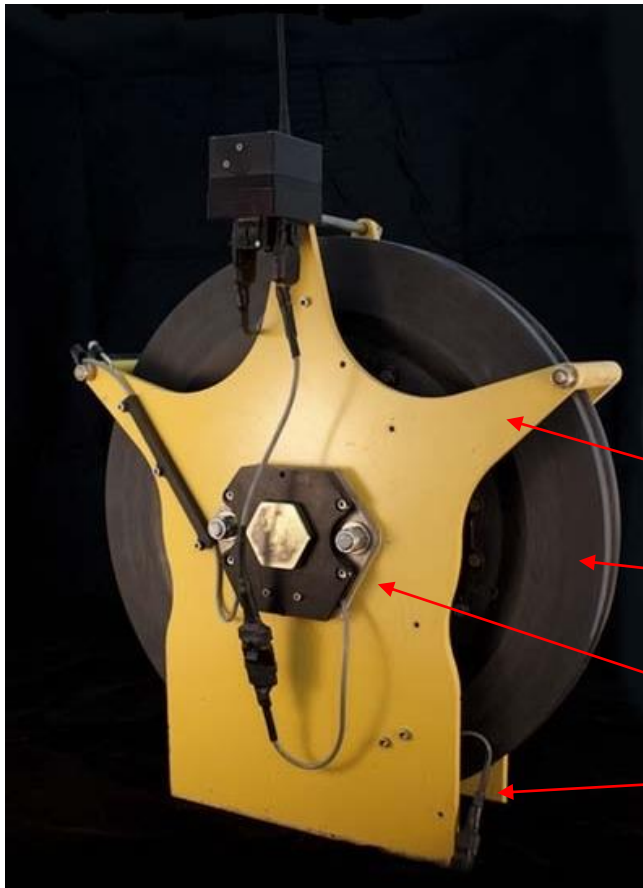




# HASELOH INNOVATIONS

Flush-by, Wire Line, and Swab Rig crown package.



1/2" Steel Laser cut and machined plates

24" Diameter Nylatron® GSM Pulley with the optional 20 mounted magnets for a Depth resolution of 1/10<sup>th</sup> of a Meter and aslo calculates Line speed

60,000 Lbs Electronic Weight Plates

Depth Meter Sensor

The **HASELOH INNOVATIONS** Crown Package offers an all encompassing solution to your Swab, Wire Line or Flush-by truck needs. The Crown package utilizes a high-strength, non-metal pulley constructed from durable Nylatron® polymer.

Nylatron® GSM contains finely divided particles of molybdenum disulphide (MoS<sub>2</sub>) to enhance its load bearing capabilities while maintaining the impact resistance inherent to nylon. It is the most commonly used grade for gears, sheaves, sprockets and custom parts. It is grey-black in color.

90% of all wear encountered in a cable with a steel sheave system is the wear encountered between the sides of the cable against the side of the steel sheave. This usually shows up as broken strands on the outsides of the cable.

This unique Nylatron® polymer will actually form around the cable, lubricating it and dramatically reducing cable wear and extending cable life by up to 800%.

In addition, the Crown Package is fully outfitted with electronic sensors to measure weight on the cable, cable tool depth, and cable speed. The Crown Package is also outfitted with a "crown out" alarm. This audible alarm is usually set to sound at 50 Meters or 150 feet depth, and can also trigger an automatic throttle retarder. The particular model shown has a measuring resolution of 1/10 of a meter.

## **Features**

- 3 cable guides to eliminate cable jump off
- Electrical cables protected by cable shields
- Weight indicator plates are bolted to Crown side plates
- In the unlikely event of a failure of the load plates, the pin will come to rest against the side plates thus eliminating the risk of catastrophic failure