Sturtevant Richmont

Wireless Holding Tool – HT


The dovetail profile is always the same.

Stop Hydraulic Leaks Before They Start

Your company may call them back up tools, holding tools, or holding wrenches. If you understand the need to hold a hose or a fastener part while torquing a fastener, you are in the right place.

Hydraulic hose assembly has vexed engineers since hydraulic hoses were invented. Hoses have become stronger and connections have become more consistent. But in many cases, hydraulic connections still leak.

Service Life of Hydraulic Hoses and Challenges in Fault Detection

- Bending a hydraulic hose in more than one plane leads to twisting of the wire reinforcement.
- A twist of five (5) degrees can shorten the service life of the hose by up to 70%.
- A twist of seven (7) degrees can shorten the service life of the hose by 90%.
- Twisting of the hoses can occur when laying and/or tightening the hydraulic connections.
- Even hard hoses are not immune to damage caused by over-tightening the connection or twisting due to vibrations and movements.

- ▶ Highly reliable 2-way communication (XBee, IEEE 802.15.4, no ZigBee).
- ▶ Radio range up to 16 meters.
- ▶ Works with 1× AAA battery (IEC HR03 or LR03) – energy-saving and environmentally friendly.
- ▶ Slightly raised LED also clearly visible from the side.
- ▶ Change batteries in the blink of an eye – no hours of charging.
- ▶ Low battery warning can be set on the controller.
- ▶ A choice of over 200 different interchangeable heads.

Simple Solution to a Complex Problem

To prevent leaking and the high cost of warranty claims and rework, Sturtevant Richmont created a new error-proofing solution specifically for hydraulic hose installations.

The Sturtevant Richmont innovative holding wrenches combine the robust technology of our XBee FM 2.4 GHz radios with the high reliability of our SLTC and LTC click wrenches. The newly engineered design ensures the holding wrench performed the task for which it was created and it provides feedback to the operator.

At the P-Set level, holding (back-up) tools are paired to the primary torque wrench. The back-up tool must be engaged prior to, during, and after the torque tool is used. And, the Global 400 reads the radio signal and a fastener can only be compliant when both the application wrench AND the holding wrench determine the job was done properly.

Compatible Products

INFO

- » *Global 400*
- » *Global 400mp*
- » *1200 Exacta 2*
- » *1250 Exacta 2*
- » *1350 Exacta 2*
- » *SLTC 2.4 FM*

HT

Model	Part No.	Length inch	Length mm	Weight lbs	Weight kg
HTS 13	R810673	13	330	1.9	0.86
HTL 20	R810674	20	508	4.9	2.22

Further info on our website. 24/7

*Note: The FM 2.4 GHz wireless modules in Sturtevant Richmont's products are **XBee** wireless modules that operate on the **IEEE 802.15.4** standard. These devices do **not** comply with the ZigBee protocol.*

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www.zemo-tools.de