



Application description

Installing and servicing tracks on heavy machinery (i.e. bulldozers, excavators).

Bolting process for this application:

When tracks of excavators need to be overhauled, hundreds of worn and corroded bolts need to be replaced. Loosening these bolts is a tough job for operator and equipment.

Most bolts are around 1000Nm and mostly machines with a capacity of 2000Nm or higher are used. Because of the high amount of bolts and the strain of breaking loose, a 2-speed machine is not recommended.

A wrench with a lot of overcapacity and sliding reaction arm is preferable.

RAD solution and USP's:

The RAD 14 GX and RAD 20 DX (or RAD 70 DX for very heavy tracks).

- Accurate and fast
- Effortless and comfortable
- Little noise and no vibrations
- Easy to use, very light tools

Examples of manufacturers:

ITM, ITR, USCO, DST Defence, Strickland, Berco.

The conventional methods and drawbacks:

- Hydraulic torque wrenches:
expensive and very slow
- Impact wrenches:
very inaccurate, noise, vibrations

Specification of RAD tools and accessoires:

- RAD 14 GX (PN: 13549) and sliding reaction arm PN: 25243
- RAD 20 DX (PN: 19135) and sliding reaction arm PN: 25242
- RAD 70 DX (PN: 26133) with standard reaction arm for very heavy tracks

Target customers:

Track manufacturers (see brands), importers, service and repair companies.



Heavy machinery.



The old method.



The RAD method.