

Safe-T-Spin

Sandvik DA5 I2



Exploration Drills

in Action

The Sandvik DA5 I 2 Safe-T-Spin is an innovative wireline rod pre-torque/make/break/tool. Designed to handle all common wireline rod sizes without replacing jaws, the tool offers optimum productivity to the drill rig owner.

Features

- Pre-torque, make and break functions are performed using the same set of jaws for BO, NO, HO, PO drill rods and NW and HW casing
- The pre-torque pressures can be preset, to suit rod size
- Simple single-lever operation allows for ease of use
- The three-jaw design is self-centring on the drill rod with a simple funnel-style rod guide
- The unit is mounted on a fully floating support arm, which ensures no weight is placed on the threads and causing premature wear
- Bump guard allow rods to slide against the spinner box when being pulled up the mast
- Fully tested during five years of field use
- Easily maintained by hosing out and re-greasing, without complicated disassembly
- Drain slots allow for ease of internal clean out
- Swings out of the way when not in use

Benefits

- Reduces injury risks resulting from operator and helper fatigue
- Increases productivity and morale by keeping drill crews fresh to undertake other tasks
- Eliminates carpal tunnel syndrome (RSI) injury risk caused by screwing of rods manually
- Provides consistent pre-torqued joint for every joint in the drill string, increasing drill rod thread life
- Reduces use of Stillsons and other hand tools that are recognised as consistent causes of injury

Specifications

- Weight: mounting arm, 25 kg (55 lb)
- Weight: Safe-T-Spin, 91 kg (201 lb)
- Rod capacity: BO wireline to HW casing
- Maximum torque: breakout, 3,000 Nm (2,220 ft lbf)
- Maximum torque: make up, 2,100 Nm (1,555 ft lbf)
- Maximum speed, 100 rpm
- Maximum hydraulic supply pressure, 180 bar
- Recommended oil flow, 100 l/min (21 US gpm)
- Controls: All hydraulic

Sandvik manufactures a full range of exploration rigs, including diamond core drills for surface and underground exploration, multi-purpose drills and rotary drills, as well as a wide range of exploration tools and consumables. For information on the full range of Sandvik exploration drills and down-the-hole tooling, please visit our website www.sandvik.com.

