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Tensor TG 100–180

The Tensor Bolt Tensioner TG-100 up to TG-180 is series of high-pressure hydraulic bolt tensioners, available in sizes from M100 up to M180. Load capacity from 4,5 MN up to 12 MN.

The Tensor TG is hydraulically operated with a maximum pressure of 1000 Bar.

The Tensor TG is designed for bolt tensioning of both metric and inch thread studs on a reactor vessel head.

The Tensor TG has a bronze piston with high pressure sealings, which allows the flange to rotate up to 2°.

The Tensor TG series is made of high tensile steel and has proved to last as long as the reactor itself.

The Tensor TG series has a compact design and low weight.

Tensor TG bolt tensioner can be equipped with: Stroke indicator, indicating the tensioners stroke to the pump operator.

Counter-balance for the puller sleeve decreasing the weight of puller sleeve on the threads.

Air drive for quick turning of the puller sleeve.

Hoist for easy lifting to the next stud.

Tensor TG bolt tensioner is easy to operate on site. Put the bolt tensioner on the stud, turn the puller sleeve down, pressurize and turn the nut, relieve the pressure and the piston is pushed back by Belleville springs. Normally a cycle time less than 5 minutes is achievable.

Dimensions: on request.

Weight: on request.

