



More speed & precision

The innovative S+C flange
torqueing device HT 1000

Schmidt + Clemens Group

A solution that saves you time and money

As specialists in the development, manufacture and installation of reformer tubes for use in petrochemical plants, we understand what matters. First, the removal of the old tubes and installation of the new ones must be completed as quickly as possible so as to keep expensive plant shut down times to a minimum. And second, the work must be done with absolute precision to ensure smooth restart of operations.

Time for a change

Up until now, the completion of a reformer tube replacement looked like this: After Kat loading and final DP measurement, top flanges of Reformer Tubes have to be closed. This operation has to be performed strictly in line with applicable procedures to ensure that all flanges are closed tightly and without damaging bolts or gaskets.

This process was performed either manually or with hydraulic tools, closing bolt by bolt in certain sequences and increasing loads. This time consuming operation has direct impact to plant start up after finalizing all site activities. Depending on size of furnace, the financial losses are significant.

One tool, one working process – HT 1000

Our new innovative solution – the S+C flange torquing device – reduces the time for flange torquing and improves reliability by closing all bolts simultaneously. Torque range is properly controlled and identical for all bolts – what leads to clear advantages:

- At least 50 % time reduction to close all flanges of your reformers
- Properly controlled and simultaneously torquing of all bolts
- Best torquing results, even under space restrictions
- Reduction of human error
- No potential impact to kat density
- Less manpower involvement
- No leaks



How can we support you?

In case of any further questions regarding our new HT 1000 flange torquing device, or you are looking for more information or a personal consultation, please don't hesitate to contact us:

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