Automated production of template pipes

SCOPELINK & ROBOFIX
First of all the flange adapters have to be fixed. Then the SCOPELINK elements are inserted ...

... from outside to inside. About 15 minutes later: Finished! Isometric sketching via outdoor notebook.

In the pipe workshop the flanges ... ... are mounted to the ROBOFIX device. The template pipe is correctly inserted.

Then it can be tack-welded to the flanges. Finally the pipe is transported to the jobsite ... ... and inserted at perfect fit.