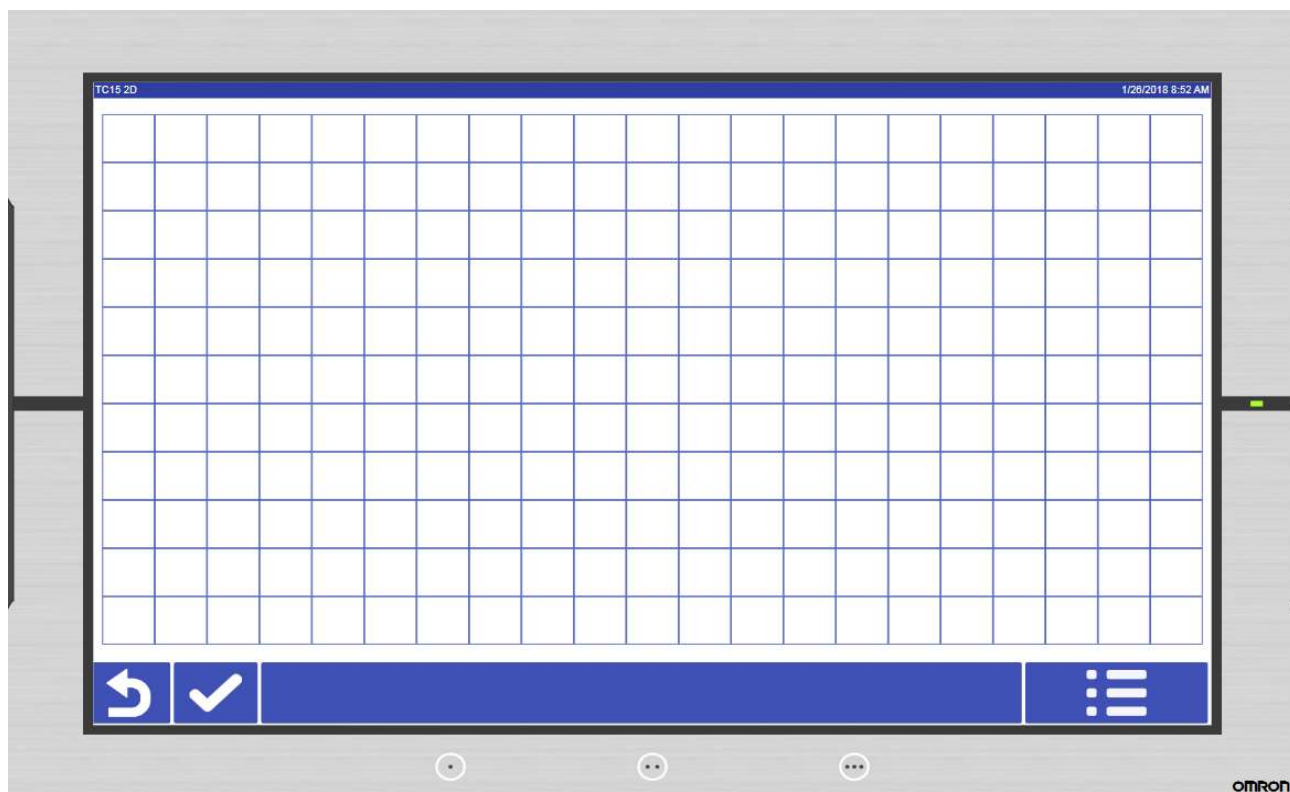


4.2.11 2D

In 2D page bending program can be created and simulated graphically.

2D page can be entered with the 2D button in program menu page and in bend info page, when program is opened or created.



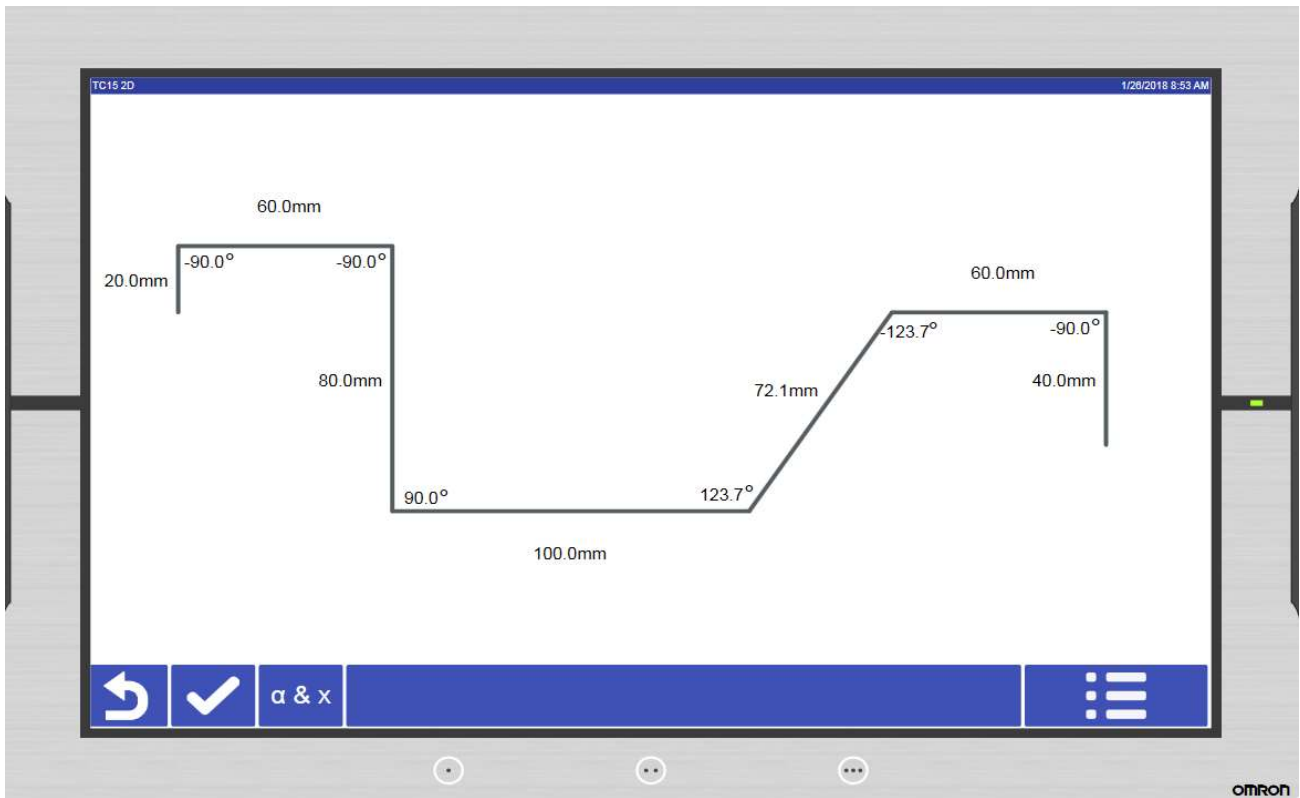
If new program is created, a drawing grid awaits at 2D page. With it, the desired profile can be sketched.



When profile sketch is desired, next step can be entered with this button.



Profile can be cleared with this button. Note that this button also clears complete program.

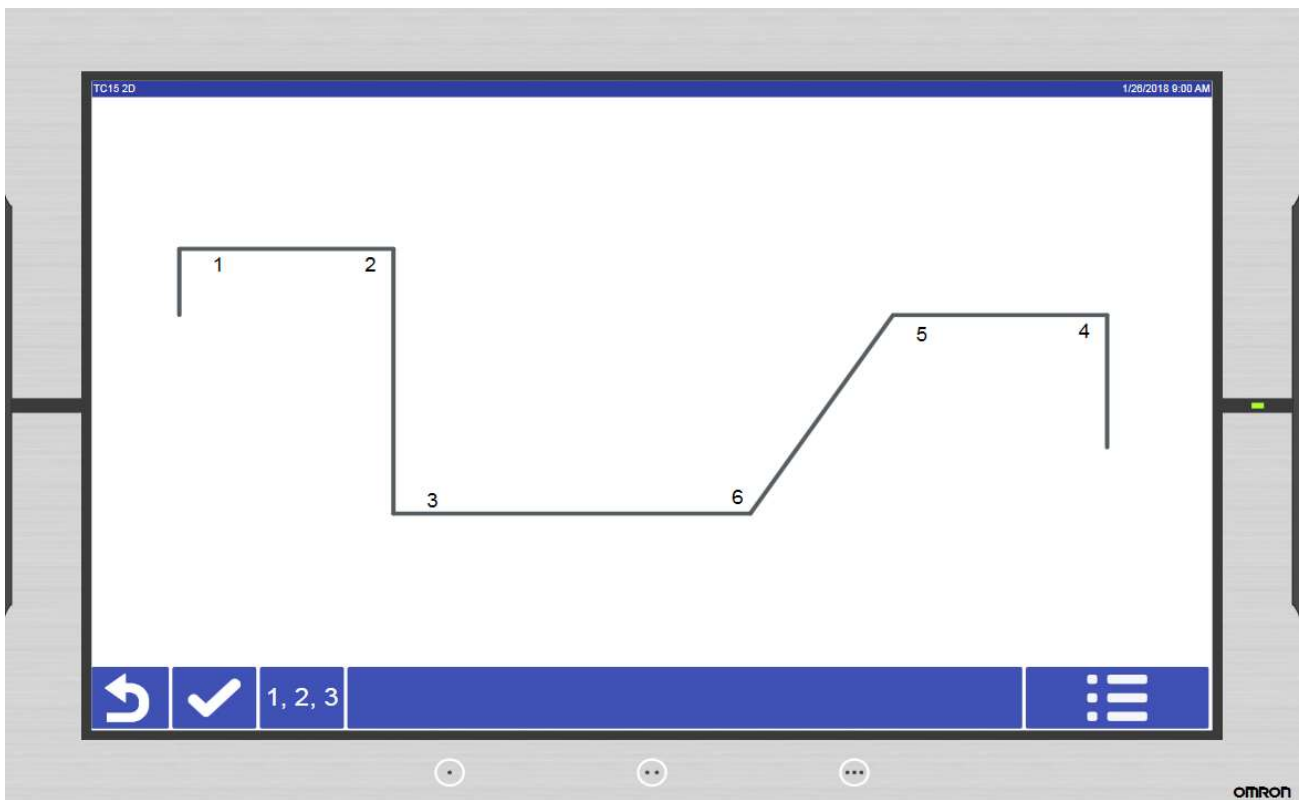


In next step profile is scaled to fill the screen and bend order is automatically calculated. Now actual angles and flange dimensions can be entered. Note that angle has to have – or + to specify the direction, clockwise or counterclockwise.



With these buttons view can be toggled to show bend angles or bend order number.

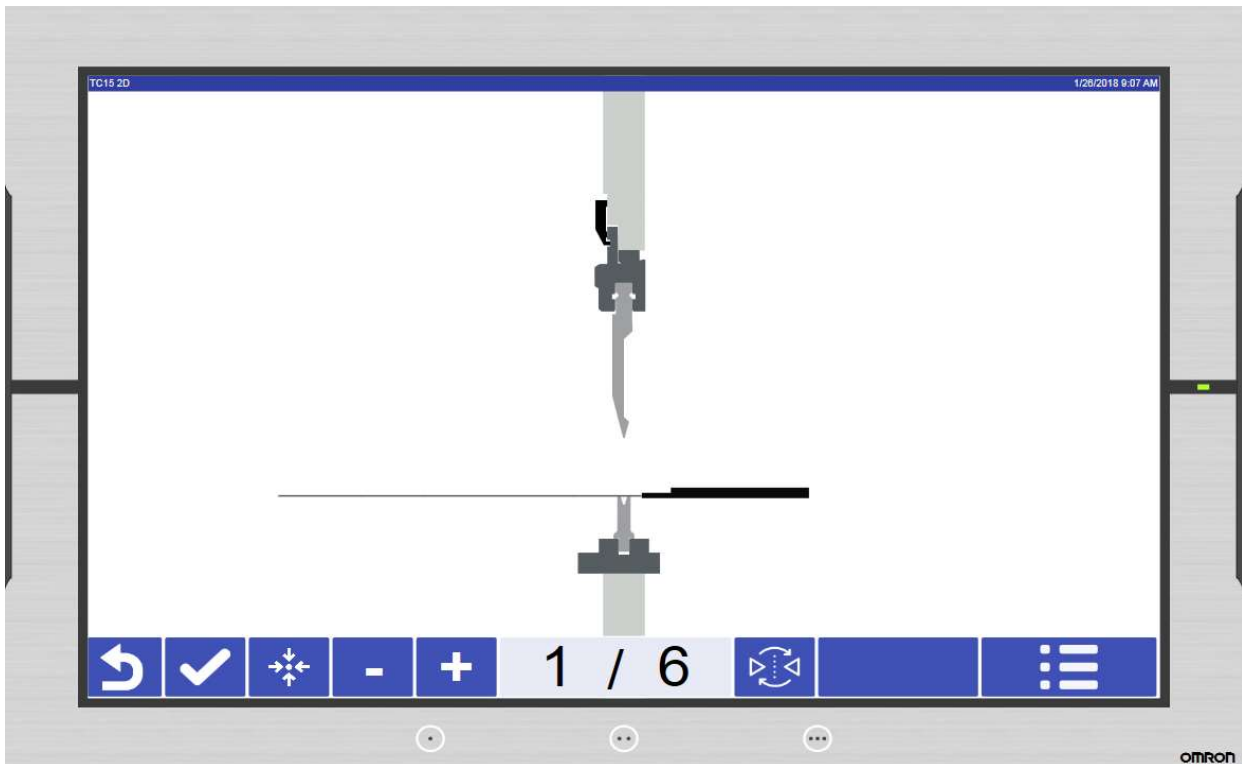
At the bottom left of the screen unfolded length for current part profile is shown.



Bending order can be manually changed if required by entering the bending order numbers.



When angles, dimensions and bending order is desired, with this button simulation step can be started.



If tools were not selected before entering 2D, first tools in the punch/die lists are selected. In simulation step in program mode punch and die can be browsed by pushing to punch/die.



With this button profile dimensions, angles and bending order can be re-adjusted.



With these buttons simulation can be toggled forward/backwards.



With this button work piece can be flipped horizontally.

By pressing back gauge finger image, different positioning options are rotated for current step.



With this button at this point complete bending program is created. All values are automatically calculated, but values can also be modified.