

## V19 Stock Model Creation

WorkNC has used a stock model for several releases now to determine where extra stock is remaining to automatically remove the stock. Version 19 adds additional functions and flexibility for creating this stock model.

Previous versions of WorkNC allowed the stock model to be created from a solid block, a casting or from a CAD file. Version 19 adds the ability to create the stock model based on a user input stock definition.

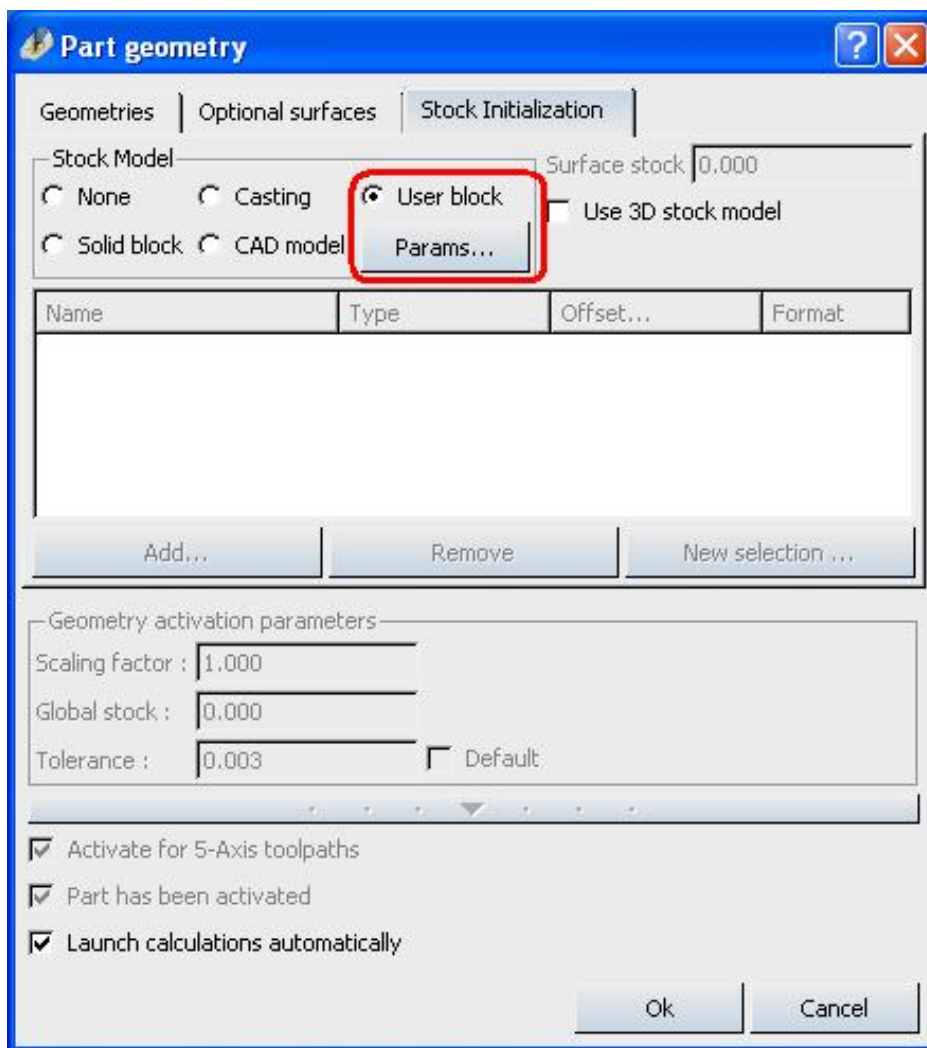


Figure 1 – Stock Model Creation dialog box

**Figure 1** shows the interface for creating a stock model. Notice now there is a *User block* selection. This will allow the user to make the stock model to any block size, regardless to the part extents found after the geometry activation.

Once you select User block, you will get a dialog screen similar to **Figure 2**. With this interface, you can make the stock model to any absolute box, or with different offsets from the original part activation model space.

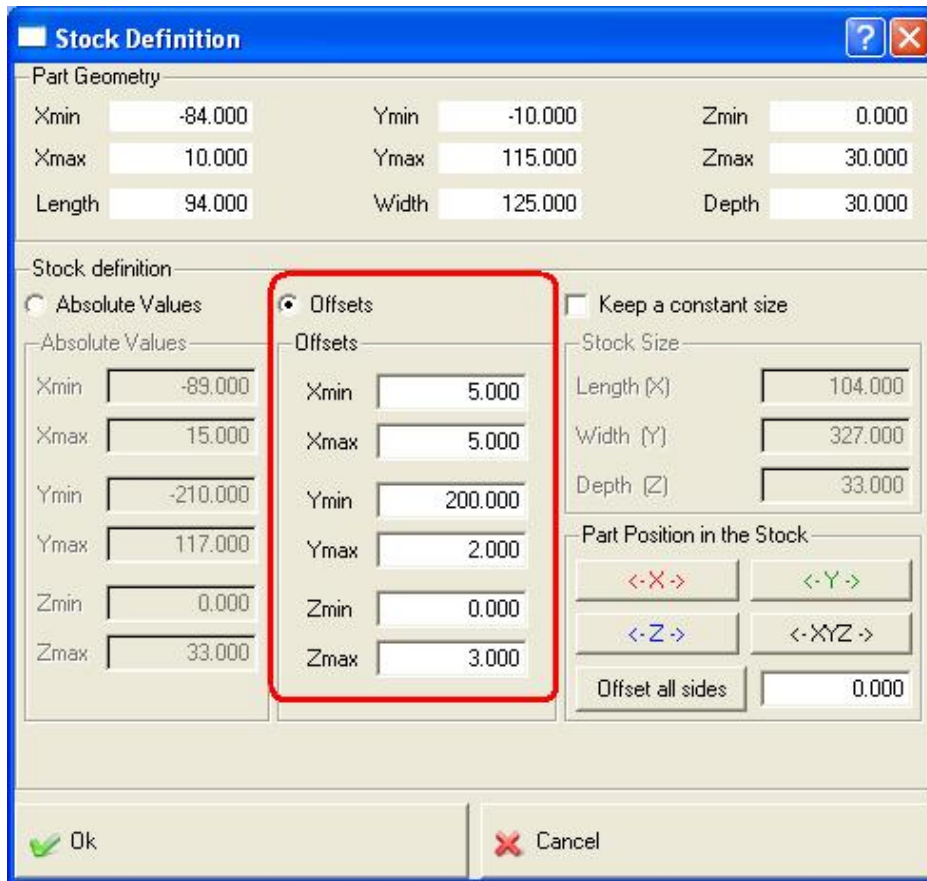


Figure 2 – Offset Block options for making a stock model

By clicking the Offsets button, also shown in **Figure 2**, you can have the stock model created with additional stock on any side of the part, +X, -X, +Y, -Y, +Z, -Z. The offset stock does not have to be evenly spaced on all sides.

This can be useful for making a stock model with extra stock in the Z Height, but not on the remainder of the part. Or for when the stock block is irregularly larger than the CAD model.

Next week we will look at another option of the new stock model creation options.

*Maintenanced WorkNC customers are encouraged to contact SESCOI Technical Support hot line for assistance on this, or any other WorkNC related issue. - [support@sescoi.co.uk](mailto:support@sescoi.co.uk) - 0121 355 5000*