

## The Definition of Range Limits

After entering the driving directions and the increments in the DRV\_XX.Ini (see tutorial) the range limit for each axis can be defined:

1. Select **Driver configuration** from the **Options** menu.

2. Select the desired cell by double-clicking on it. There is one column for each axis. Axis number one normally refers to the x-axis, number two the y-axis and so on..

3. Change the value or enter a new one in the text field at the bottom of the window. The values are measured in mm.

4. The new value is copied to the table by pressing **Enter**.

5. Select **Save** from the **File** menu to save the changes.

6. Confirm the “Update Driver Now”-window with “yes”.

7. The new settings are now in effect, so you may close the Driver configuration window.

As an alternative you can change the range limit values directly by opening the file “Drv\_XX.Ini” with a text editor and changing the lines “McLimMin=” and “McLimMax=”.

Driver data in "D:\Editasc701\Run\DRV_MM.INI"			
File	Axis 1	Axis 2	Axis 3
Control cycle frequency	500		
Backgr. Frequency	15000		
Length Unit for speed	1		
Time Unit for speed	1		
Length Unit for accel.	1		
Time Unit for accel.	1		
Following tolerance	10000		
Max. value for Driver Speed	7000		
Max. Initial Speed(driver)	100		
P-Factor	1000	1000	1000
I-Factor	0	0	0
D-Factor	5000	5000	5000
Adress for position	0	0	0
Adress for target speed	0x240	0x242	0x244
mm per Increment	0.0003125	0.0003125	0.0003125
Min. Step in Continuous Jo	0.02	0.02	0.02
Max. Step in Continuous Jo	4.00	4.00	4.00
Lower Limit of axes	0	0	-72
Upper Limit of axes	300	200	0
Status of the Axes	ON	ON	ON

Driver data in "D:\Editasc701\Run\DRV_MM.INI"	
File	Axis 1
Save	500
Save as	15000
Quit Alt+F4	1
Time Unit for speed	1
Length Unit for accel.	1

We appreciate your suggestions for this text. Please mail to: support@trimeta.de.