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## BCK N114 Configurator 360 Manual

Version 1.0



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## 1. General

The BCK Configurator 360 aims to quickly configure 3D models and download them for use in custom 3D designs.

The 3D models can be downloaded as STEP or SAT file.

It is also possible to request an advice or quotation of the configured model.

Standards were assumed when designing the configurator. There are many more options outside the standards. If you want a different belt color, the motor or legs of the support in a different location, shorter side guides, etc., please contact the sales department.

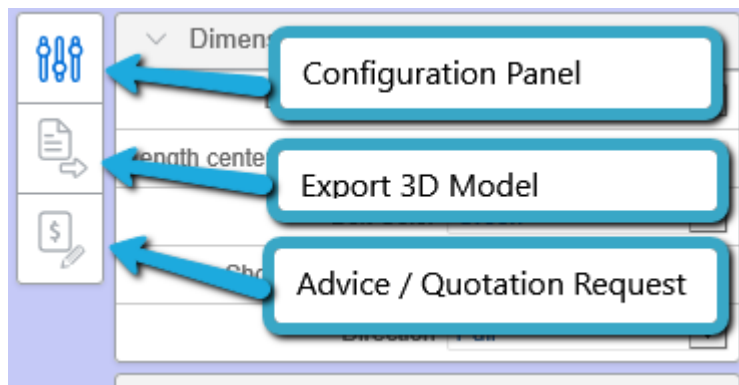
No rights can be derived from the configured models. Upon a quotation request, your configured model will be assessed by BCK Holland B.V..

## 2. Accessibility Configurator

The configurator is accessible from the BCK website where no registration or login is required. The direct link to the N114 configurator is: <http://www.bckholland.com/en/configurator-N114-Flat> . This is a combined N60 and N114 Configurator.

## 3. N114 Flat Belt Conveyor Configurator

After you have clicked on the link you will be redirected to the BCK Holland website. If you do not see the configurator immediately, press F5 to refresh the page. The first loading time takes on average 10 to 20 seconds. On the left you will find the input screen by which you can configure the belt conveyor.

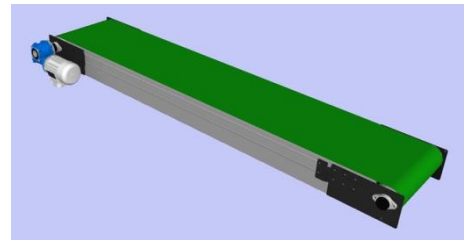


1. **Configuration panel**, Control panel, this is open by default. If you have exported a 3D model or have made an Advice / Quotation request, you can call up the configuration screen again via this button.
2. **Export 3D Model**, This allows you to export your configured model to a STEP or SAT file.
3. **Advice / Quotation Request**, if you want advice whether your configured model meets the requirements and / or you want a quote, you can do that via this button. The configured model is then saved so that BCK Holland can assess it.

## 4. Configuration of the 3D model

The fully expanded configuration screen looks like this:

Type Conveyor <b>N114</b>	
Dimensions and Color	
Belt Width Standard Sizes	<b>400</b>
Belt Width Manual Input	<input type="checkbox"/>
Belt Width Manual (Price on Request) (mm)	<b>400</b>
Length center to center (mm)	<b>2000</b>
Belt Color	<b>Green</b>
Direction Arrow (N60)	
Show Arrow on Belt (N60)	<input checked="" type="checkbox"/>
Direction (N60)	<b>Pull</b>
Drive Unit	
Motor Type (N60)	<b>MR10</b>
Motor Position	<b>Left</b>
Motor Horizontal / Vertical (N60)	<b>Horizontal</b>
Option Input Side (N60)	<b>None</b>
Option Output Side (N60)	<b>None</b>
Support	
Support	<b>None</b>
Height (mm)	<b>800</b>
Feet \ Wheel (N60)	<b>Feet</b>
Side Guide (N60)	
Guide Bracket (N60)	<b>None</b>
Guide Type (N60)	<b>None</b>



By making a choice from the drop-down menus or changing a value, the 3D model will be adjusted immediately. This takes around 1 to 10 seconds.

This direct adjustment is necessary because further options depend on the choices made.

A number of options are not available in the N114 configurator. If you choose the lighter N60 version at the top of the screen at Type Conveyor, those options are selectable.

This does not mean that the options are not all available for the N114, but are not yet built into the configurator.

You can optionally configure the N60 with necessary options and download it to use those options in 3D design software with a N114 downloaded model. You can also contact us to request a non-configurable model.

## 5. Set Limits

A number of rules have been set in the configurator according to our standards. Outside these standards, more is possible. If you are unable to configure your desired model due to limitations of the standards, please contact the sales department of BCK Holland B.V.

If you have a 3D Design program such as Autodesk Inventor Professional, you can also adjust the downloaded 3D models.

Below you will find the table with the minimum and maximum values that have been processed in the configurator.

**Pay attention! If you enter a value outside the limits, it will be adjusted automatically. Always check the values displayed in the control panel before you export the model.**

<b>N114 Length Rules</b>	<b>Minimum (mm)</b>	<b>Maximum (mm)</b>
With D10 Drive-Unit	550	30.000
General with Width	Width x 1,65	30.000
With support	1000	30.000

<b>N114 Width Rules</b>	<b>Minimum (mm)</b>	<b>Maximum (mm)</b>
General	70	1.200
Manual Input	70	1.600
LT22 Support	1000	1.200
LT22 Support Manual Input	1000	1.600

<b>N114 Height Rules</b>	<b>Minimum (mm)</b>	<b>Maximum (mm)</b>
General	400	1.500

## 6. Options configurator

A number of codes are being used in the configurator. Below you will find an explanation of what these codes mean.

The below outlined only explains what is present in this configurator. For more options and further information please visit our website or contact BCK Holland B.V.

### Standard belt widths

70-100-150-200-250-300-400-450-500-600-700-800-900-1000 and 1200 mm.

It is possible to enter a specific width yourself. Please take into consideration other prices and delivery times. Contact us if you have any questions about this.

### Length (c.t.c.)

There are no standard lengths. The length can be accurately determined to the millimeter. On request, a positive and / or negative curve can also be incorporated in the frame.

### Belt colors

The following colors are available in the configurator:

- Black
- Blue
- Gray
- Green
- Orange
- Red
- White

Other colors available upon request.

### Transport direction

- Unidirectional
- Bidirectional (often with v-extrusion to steer the belt)

### Motorreductor options (also possible with forced cooling)

- MR10 Standard motorreductor 230/400V, 50 Hz, IP55

### Motor Type:

- D10: Direct end drive

### Support

- LT42: H-formed aluminum profile construction