KRAMER & DUYVIS
Curved conveyor systems - Components
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K&D KDZ Configurator 360 Manual
Version 1.0

Inhoud

1. General

The K&D 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.
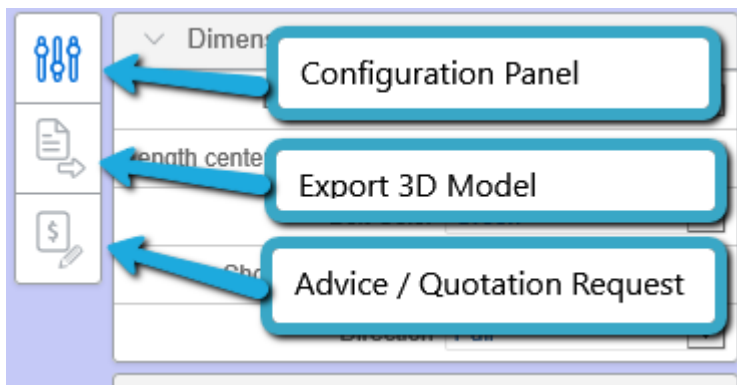
No rights can be derived from the configured models. Upon a quotation request, your configured model will be assessed by Kramer & Duyvis B.V.

2. Accessibility Configurator

The configurator is accessible from the K&D website where no registration or login is required. The direct link to the KDZ configurator is http://www.kramer-duyvis.com/en/configurator-type-kdz .
This is a combined KDC, KDZ, R100 and R150 Configurator.

3. KDZ Round conveyor Configurator

After you have clicked on the link you will be redirected to the Kramer & Duyvis 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.
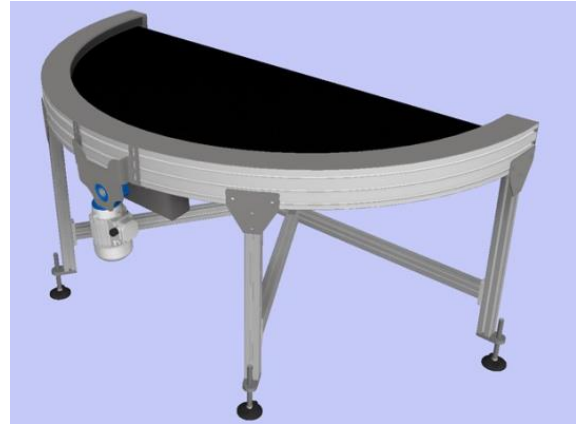

1. **Configuration panel**, Control panel, this is open by default. If you have exported a 3D model or have made an Advice / Quotation request, you can call up the configuration screen again via this button.
2. **Export 3D Model**, This allows you to export your configured model to a STEP or SAT file.
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 Kramer & Duyvis can assess it.

4. Configuration of the 3D model

The fully expanded configuration screen looks like this:

Type Conveyor	KDZ
Dimensions	
Angle (deg)	180
Beltwidth (mm)	800
Outside Radius (mm)	800
Inner Radius (mm)	0
Belt Color	Black
Motor Type	MR10
R100 – R150 Motor Position	
Counter_Clockwise	☐
Drive_Unit_Inside	☐
KDC – KDZ Support	
Support	☑
Height (mm)	800
KDC – R100 – R150 Side Guide	
Inner Side Guide	☐
Inner Side Guide Height (mm)	100
Outer Side Guide	☐
Outer Side Guide Height (mm)	100

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.

Not all options are available for the KDZ Type.

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 Kramer & Duyvis 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 configuration panel before you export the model.

KDZ Rules	Minimum (mm)	Maximum (mm)
Beltwidth	500	1100
Heigth Support	450	3000

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 Kramer & Duyvis B.V.

Belt Width
Manual input 200 - 1.100 mm.

Angle
180 degrees.

Belt colors
The following colors are available in the configurator:
- Black
- Blue
- Green
- White

Other colors available upon request.

Motorreductor options (also possible with forced cooling)

- MR10 Standard motorreductor 230/400V, 50 Hz, IP55
- MR60 SEW motorreductor, 230/400V, 50 Hz, IP54

Support
- LT22: H-formed aluminum profile construction