



KATZ display board

ESKO Kongsberg tooling guide

ESKO 2014, November 24

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Kongsberg XN

Knife Tools Kongsberg XN for FlexiHead and PowerHead:

Static Knife General Purpose:

Used for solid carton materials, plastic materials, etc., with thickness larger than 1mm [.040"]

Static Knife Double Edge:

Center-aligned knife tool for the POP, Screen and Digital Printing industries. Supports double-edged blades.

Static Knife Single Edge:

Center-aligned knife tool for the POP, Screen and Digital Printing industries. Supports single-edged blades.

The Rigid Material knife tool:

The Rigid Material Knife tool comes standard with two different new knife blades:

The DR8160 (double edge, 60degrees, tapered, 8mm) & the DR8180 (double edge, 80degrees, tapered, 8mm)

VI45-16 V-Insert tool:

The VI45-16 tool comes standard with a specially made new knife blade: DF570

Maximum cutting depth is around 16 mm

Crease Tools:

Corrugated crease tool: for Ø26mm wheels: 3 point, 4 point , 6 point

PowerHead crease wheel: 4-6 point, 150mm [6"] diameter

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New blades available on the online shop:

<http://www.esko.com/store/>

The Rigid Material knife tool:

BLD-SR8170

BLD-SR8172

BLD-SR8184

VI45-16 V-Insert tool:

BLD-DF572

Kongsberg bits and blades

Adapter Packs (2)
Crease Wheels (33)
Knife Blades (110)
Milling & Router Bits (107)
Milling Accessories (20)
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Pen Inserts & Refills (11)
Underlays

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Knife Blades

Belgium

Product search
Enter product name or code

Single edge round 6mm oscillating blades

8mm shaft blades

Single edge flat blades

Single-double edge round 6mm static cutting blade

Kiss cut blades

Special purpose heavy-duty flat blades

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Kongsberg XP/C:

Knife Tools

HiForce Knife tool:

The Hi-Force knife tool is a general purpose knife tool suitable for cutting a wide range of flexible and rigid materials. Different knife adapters allow for different knife types.

Rigid Material Knife tool

The RM Knife extends the capabilities for knife cutting of rigid materials. The knife blades and tool are designed such as the blades with cylindrical 8mm shaft are mounted directly in the tool body.

HD Unit:

V-notch knife 45: Max. cutting depth is 15mm - .590". Limited to straight lines only.

Crease blade adapter: with blades General-purpose, double-sided BLD-DF212 & BLD-DF213

Crease Tools:

Crease adapter: for Ø26mm wheels, 3 point, 4 point , 6 point

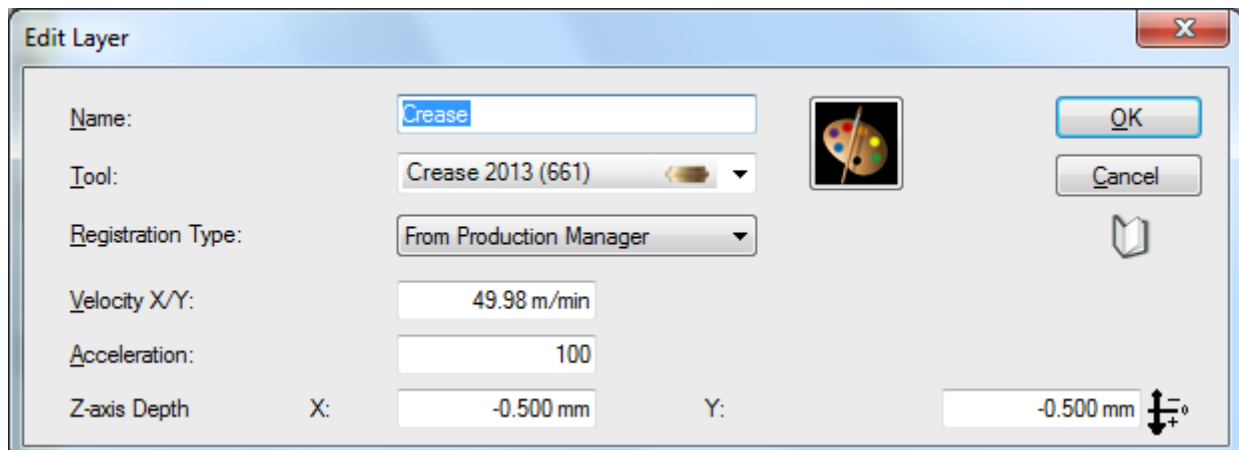
Crease wheel: 4-6 point, 150mm [6"] diameter.

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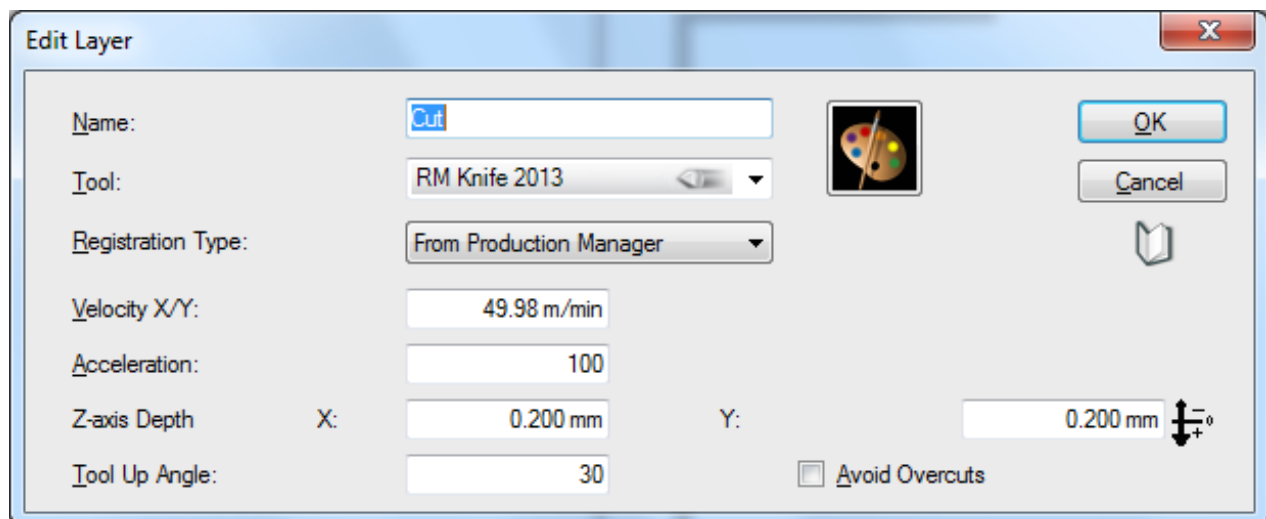
Speed on Kongsberg XN series:

!! NOTE: these values are a general average, these values may differ from machine to machine!!



The 'Edit Layer' dialog box for a 'Crease' operation. The 'Name' field contains 'Crease'. The 'Tool' is set to 'Crease 2013 (661)'. The 'Registration Type' is 'From Production Manager'. The 'Velocity X/Y' is 49.98 m/min. The 'Acceleration' is 100. The 'Z-axis Depth' is -0.500 mm for both X and Y axes. The dialog includes 'OK', 'Cancel', and a help icon.

Name:	Crease	
Tool:	Crease 2013 (661)	
Registration Type:	From Production Manager	
Velocity X/Y:	49.98 m/min	
Acceleration:	100	
Z-axis Depth	X: -0.500 mm	Y: -0.500 mm



The 'Edit Layer' dialog box for a 'Cut' operation. The 'Name' field contains 'Cut'. The 'Tool' is set to 'RM Knife 2013'. The 'Registration Type' is 'From Production Manager'. The 'Velocity X/Y' is 49.98 m/min. The 'Acceleration' is 100. The 'Z-axis Depth' is 0.200 mm for both X and Y axes. The 'Tool Up Angle' is 30 degrees. The 'Avoid Overcuts' checkbox is unchecked. The dialog includes 'OK', 'Cancel', and a help icon.

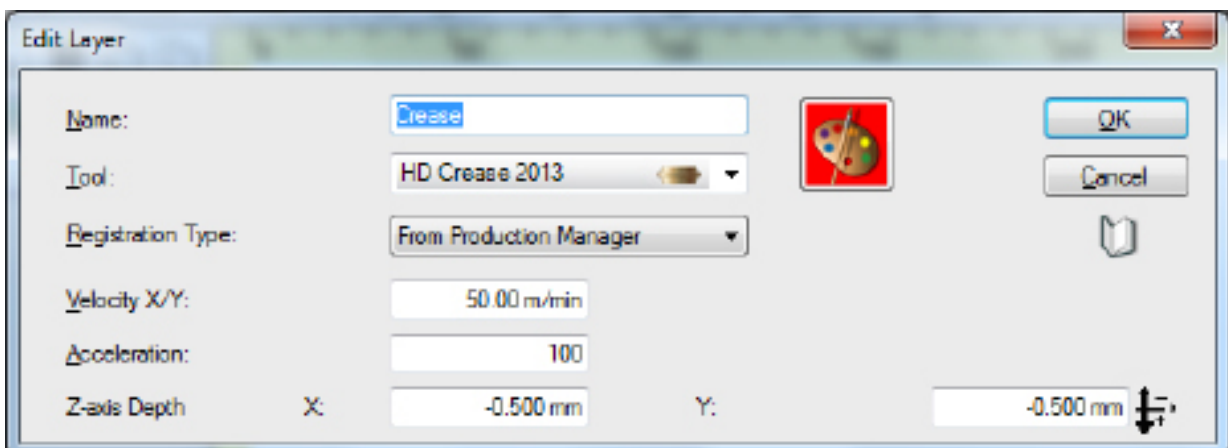
Name:	Cut	
Tool:	RM Knife 2013	
Registration Type:	From Production Manager	
Velocity X/Y:	49.98 m/min	
Acceleration:	100	
Z-axis Depth	X: 0.200 mm	Y: 0.200 mm
Tool Up Angle:	30	
Avoid Overcuts:	<input type="checkbox"/>	

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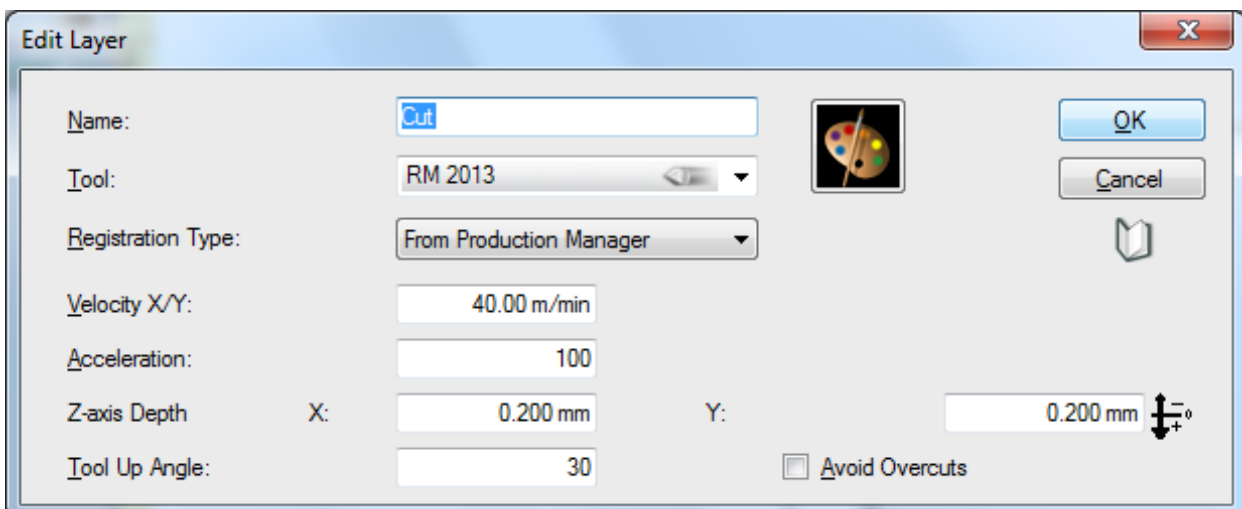
Speed on Kongsberg XP series:

!! NOTE: these values are a general average, these values may differ from machine to machine!!



The 'Edit Layer' dialog box for a Crease operation. It includes the following fields and controls:

- Name:** Crease
- Tool:** HD Crease 2013
- Registration Type:** From Production Manager
- Velocity X/Y:** 50.00 m/min
- Acceleration:** 100
- Z-axis Depth:** X: -0.500 mm, Y: -0.500 mm
- Buttons:** OK, Cancel, and a help icon.



The 'Edit Layer' dialog box for a Cut operation. It includes the following fields and controls:

- Name:** Cut
- Tool:** RM 2013
- Registration Type:** From Production Manager
- Velocity X/Y:** 40.00 m/min
- Acceleration:** 100
- Z-axis Depth:** X: 0.200 mm, Y: 0.200 mm
- Tool Up Angle:** 30
- Options:** Avoid Overcuts
- Buttons:** OK, Cancel, and a help icon.