

ArtiosCAD 14.1.2

What's New?

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ArtiosCAD

ESKO Suite 14

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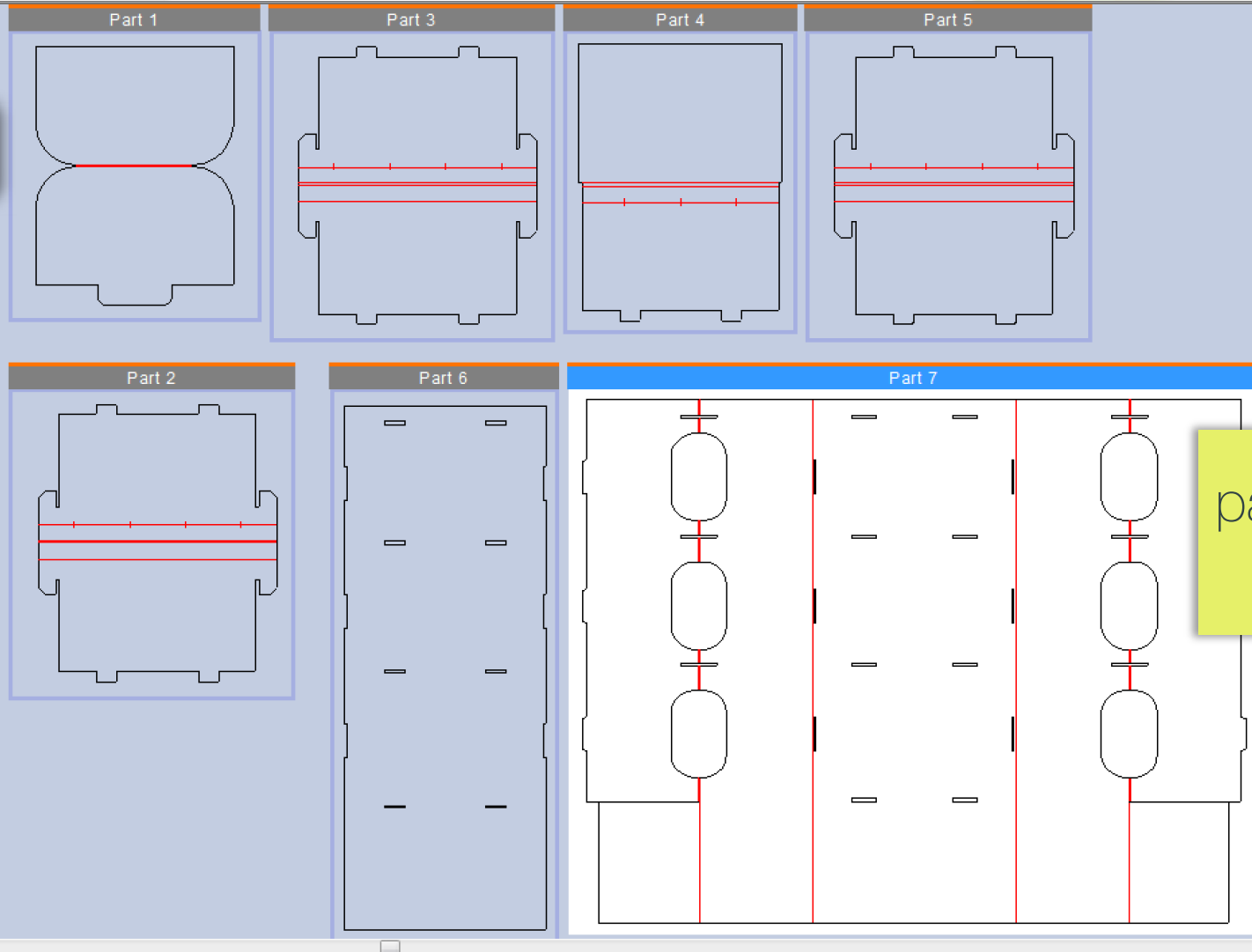
14.1.2

What's

New?

ArtiosCAD 14.1.2 What's New Summary

- Parts on ArtiosCAD Canvas Documents are grouped by board type
- New 'Create Layout' feature with interactive editing of job parameters
- Specify the number of instances the same part is used in a job
- Convert dynamic sheet layout to an ArtiosCAD Manufacturing document
- Output directly from dynamic sheet layout view
- Update of Spatial 3D data exchange libraries to 2016 R1
- Support for SolidWorks 2015 importing
- New STL 3D file importing and exporting
- Windows 10 certification



- SCORPION_DISPLAY**
- EB flute (EB flute)
 - Part 1
 - Part 2
 - Part 3
 - Part 4
 - Part 5
 - I-200B (I-200 B Kraft)
 - Part 6
 - Part 7

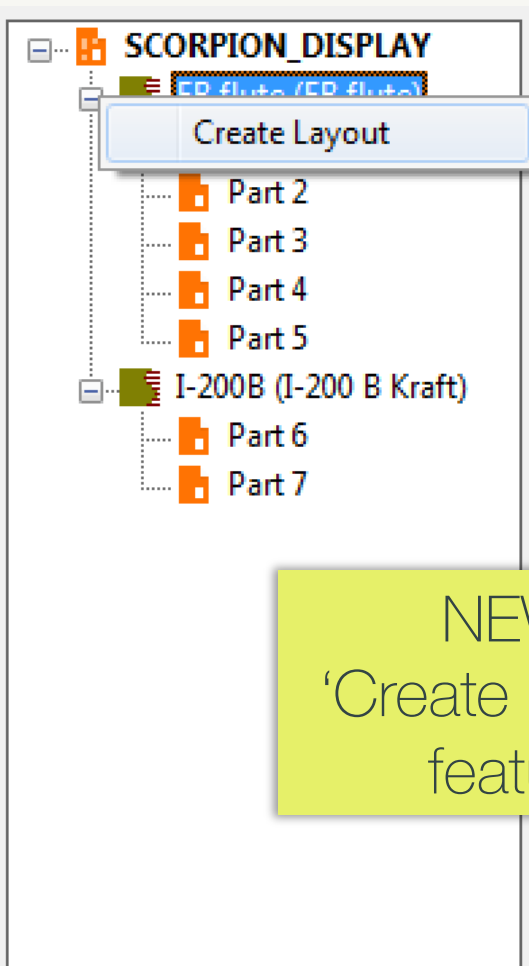
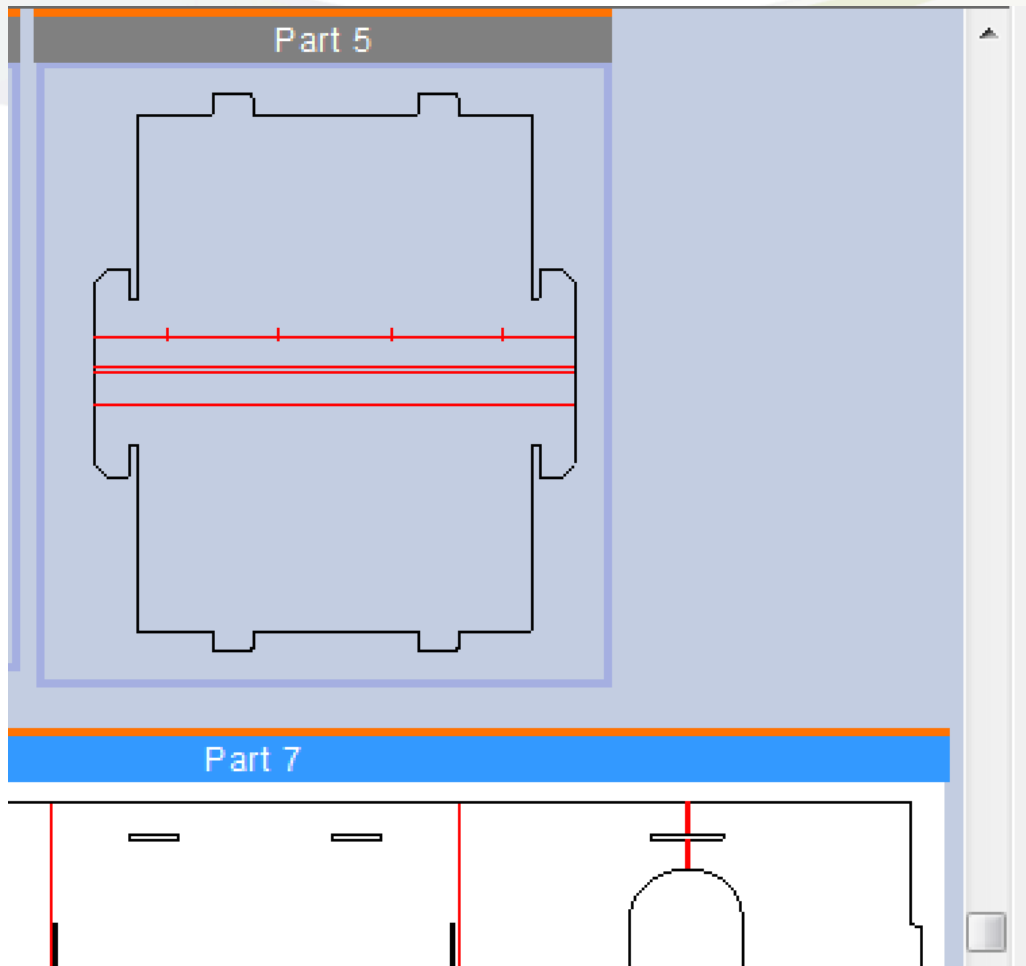
parts are grouped by board type

Part Type:
 Production ▼

Number of copies:

Board Code:
 ...

Board Description:



NEW
'Create Layout'
feature

Job Options: Job 1

Sheet

Width: 2200.00

Height: 1800.00

Gutter: 25.40

Margins

Left: 25.40

Right: 25.40

Top: 25.40

Bottom: 25.40

Standard Sheet Sizes...

Die Press Parameters...

Nesting

Rotation: No rotation

Fill direction: Horizontal

Search time: Accurate

Strategy: Minimal waste

Quantity

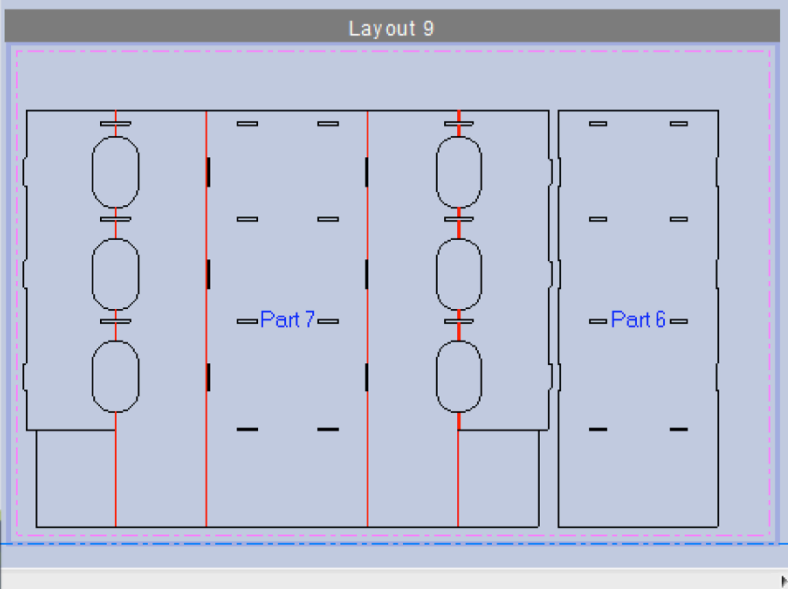
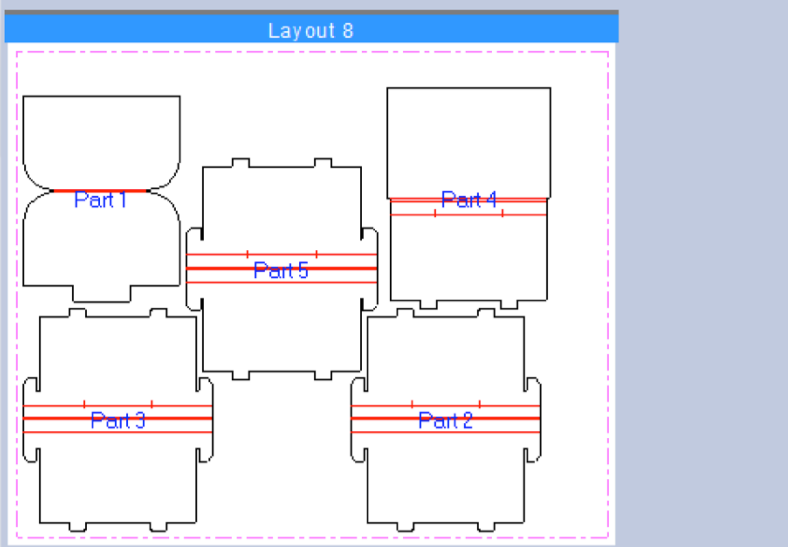
Fill sheet

Job quantity: 1

Recalculate Job

Cancel

settings for
Layout Options



SCORPION_DISPLAY

- EB flute (EB flute)
 - Part 1
 - Part 2
 - Part 3
 - Part 4
 - Part 5
- Job 1
 - Layout 8
- I-200B (I-200 B Kraft)
 - Part 6
 - Part 7
- Job 2
 - Layout 9

Number of sheets:

Sheet width:

Sheet height:

Waste: 40.86%

Blank size: 1957.97 x 1642.33

- Sheet Properties...
- Layout Information...
- Recalculate Job...

automatic layout of parts for each board

layout information

Job Options: Job 1

Sheet

Width: 2200.00

Height: 1800.00

Gutter: 25.40

Margins

Left: 25.40

Right: 25.40

Top: 25.40

Bottom: 25.40

Standard Sheet Sizes... Die Press Parameters...

Nesting

Rotation: No rotation

Fill direction: Horizontal

Search time: Accurate

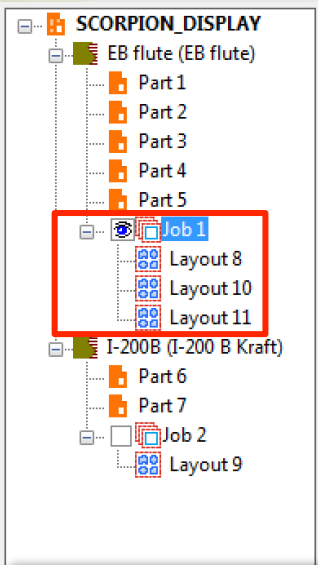
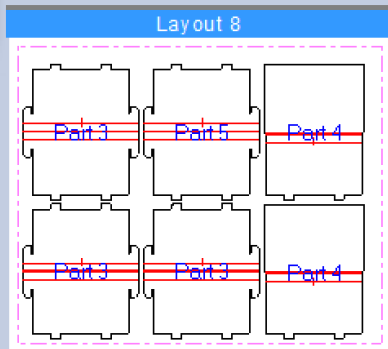
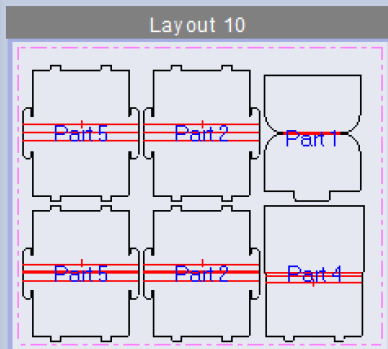
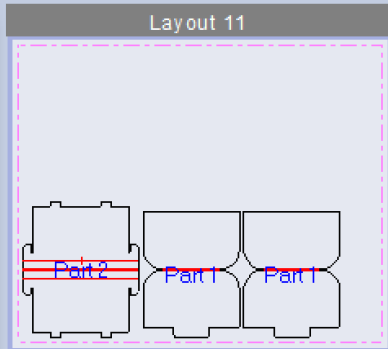
Strategy: Minimal waste

Quantity

Fill sheet

Job quantity: 3

Recalculate Job Cancel

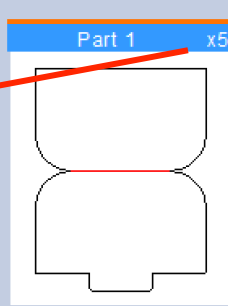


specify job quantity to produce multiple layouts

Job Information...

Recalculate Job...

instances
of a part



Job Options: Job 3

Sheet

Width: 2200.00

Height: 1800.00

Gutter: 25.40

Margins

Left: 25.40

Right: 25.40

Top: 25.40

Bottom: 25.40

Standard Sheet Sizes...

Die Press Parameters...

job quantity

Search time: Accurate

Strategy: Minimal waste

Quantity

Fill sheet

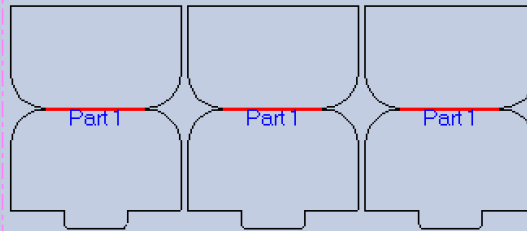
Job quantity:

3

Recalculate Job

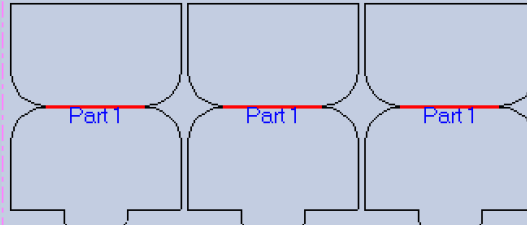
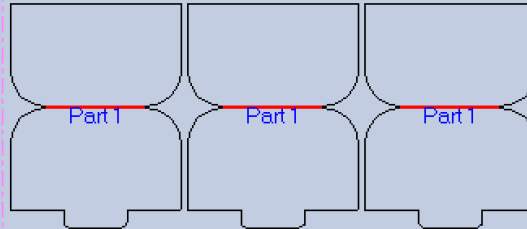
Cancel

Layout 13



Layout 12

x2



SCORPION_DISPLAY

EB flute (EB flute)

I-200B (I-200 B Kraft)

I-300B (I-300 B Kraft)

Part 1 [x5]

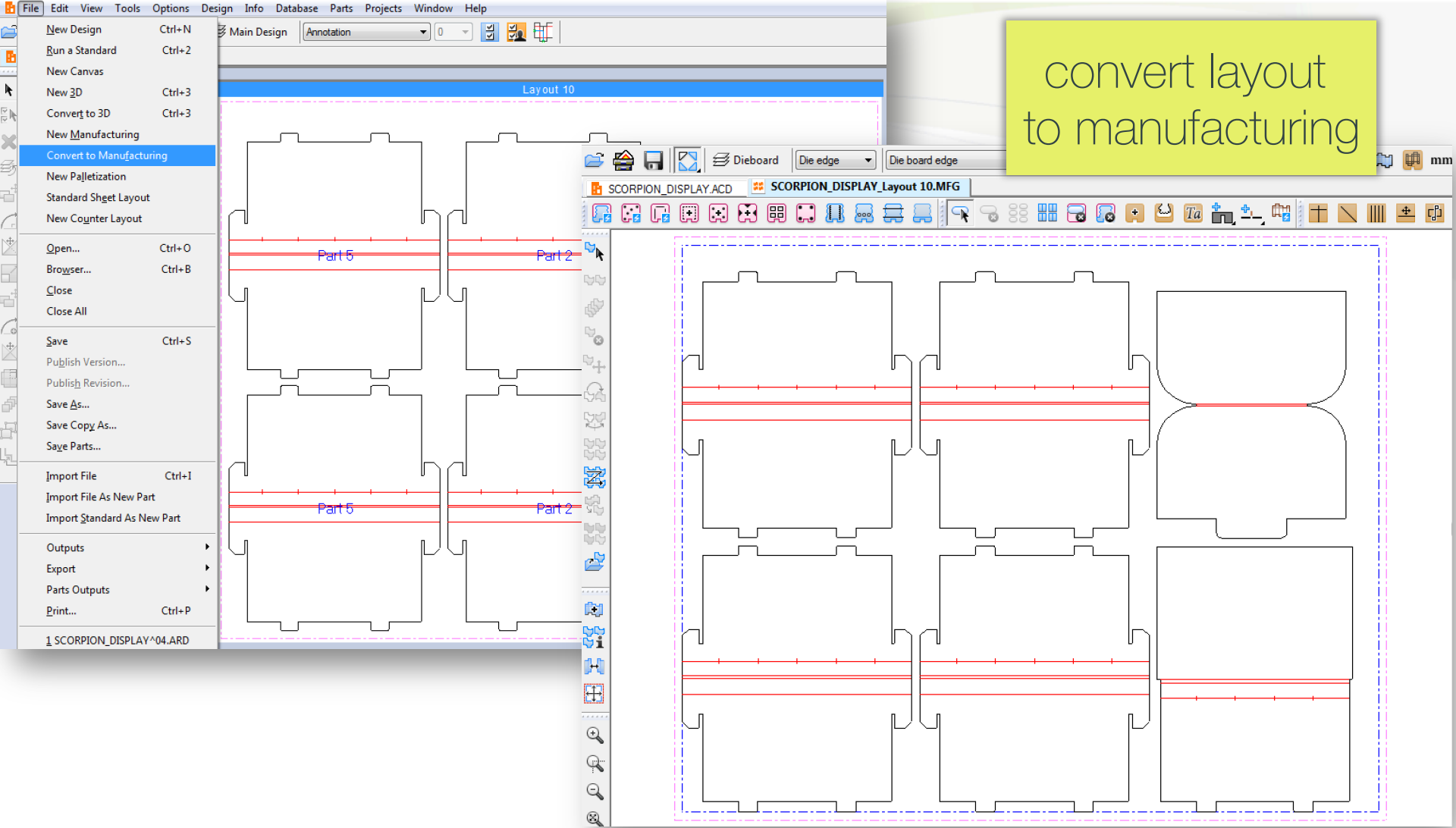
Job 3

Layout 12 [x2]

Layout 13

automatic layout
calculation

Job Information...



convert layout
to manufacturing

direct output of layouts

Import File Ctrl+I

Import File As New Part

Import Standard As New Part

Outputs ▶

Export ▶

Parts Outputs ▶

Print... Ctrl+P

SCORPION_DISPLAY^04.ARD

Layout 10

Artios ▶

Kongsberg C64

Parts Report

Part 1

SolidWorks 2015
STL format



STL format



Windows 10



Feature	Advantage	Benefit
Create a sheet layout of parts from a Canvas document	Simple one-click mixed layout nesting of parts by board type	Save time and reduce errors going to production
Dynamic link between design canvas parts and production layout	Immediate feedback of how parts fit on a sheet	Make production changes during the design phase to optimize material usage
Spatial 3D data exchange library update	Support for SolidWorks 2015 files and STL format	Reduce the risk of file conversion errors

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