

RETICLE RED TUTORIAL

Vector Stacker

**Turn a picture into layered sheets
to cut, paint and stack. Free in your browser.**

Recorded on the live site · painted wall art · shadow boxes

reticle-red.com/vector-stacker

PART 1 OF 2

Painted wall art

Sample, recipe, material, the cut check, views and export

RETICLE RED · VECTOR STACKER TUTORIAL

Painted wall art — Sample, recipe, material, the cut check, views and export

reticle-red.com/vector-stacker

 **RETICLE
RED**

Create ▾Prep ▾Make ▾Learn ▾

Q Pricing EN ▾⚙️🔊

Start free 12 CR

LAYERED ART FOR YOUR LASER

Start from a description, a picture or a depth map. Every path ends the same way: checked cut files, one per sheet, that you paint and glue.

**Describe it** 4 CR
"A fox in tall grass, four colours" — the AI draws it, you pick the recipe.

**Shape scene** 4 CR
A haunted house inside a pumpkin, a lake inside a maple leaf — drawn to fit the outline.

**Upload a picture**
Flat art, a logo, or a piece you want to recreate → painted wall art or a stepped sign.

**Depth map → shadow box**
From Depth Studio, 3D RELIEF or Coin → 3-8 nested sheets, framed and checked.

 **Word sign**

 **Try a sample**

 **Load a project**

 **How it works**

Drop an image or SVG anywhere here. Plain upload · Add text

[▶ ABOUT THIS TOOL](#) Capabilities, questions operators ask, and related guides for this workspace.

STEP 1 OF 9

Start

A picture, a depth map, new AI art (4 CR), or a free sample.

CLOSE-UP

**Describe it** 4 CR
"A fox in tall grass, four colours" — the AI draws it, you pick the recipe.

**Shape scene** 4 CR
A haunted house inside a pumpkin, a lake inside a maple leaf — drawn to fit the outline.

**Upload a picture**
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RETICLE RED

Create

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EN

Start free

12 CR

1 Start

2 Style

3 Check

4 Export

Choose a recipe and the few dials that matter

Picture

5 sheets · 12.0 × 12.0 in

Replace

Describe

What are you making?

Painted Wall Art

Stepped Sign

Shadow Box

Photo Bands

Mandala

Shape Scene

Black line sheet on top, one painted sheet per colour under it, solid backer. Best for: Flat art with bold outlines · a prompt · a picture you want to recreate

Paint colours (plus black ink)

4

Underlap — colour runs under the ink

1.5 mm

Backer colour (the solid back sheet)

orange

yellow

olive

navy

Sheet material

Sheet stock

3 mm Baltic birch · 3 mm

Explode sheets

5 sheets · drag to turn

THE NUMBERS

VALIDATION · 1W

PLAN · 5

WARNINGS (1)

SHEET 01

INK

INK

material21.3%

min width≥ 1.20 mm

floating0 → 0

paths27

preserved99.0%

nodes1,223

bridges0

fine detail0

SHEET 02

NAVY

COLOR

material12.2%

min width≥ 1.20 mm

floating0 → 0

paths10

preserved100.0%

nodes224

bridges0

fine detail0

ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 2 OF 9

Painted Wall Art

Black line sheet on top, one painted sheet per color, solid backer.

CLOSE-UP

What are you making?

Painted Wall Art

Stepped Sign

Shadow Box

Photo Bands

Mandala

Shape Scene

Black line sheet on top, one painted sheet per colour

RETICLE RED · VECTOR STACKER TUTORIAL

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EN

Start free

12 CR

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1.5 mm

Backer colour (the solid back sheet)

orange

yellow

olive

navy

Sheet material

Sheet stock

3 mm Baltic birch · 3 mm

Explode sheets

5 sheets · drag to turn

THE NUMBERS

VALIDATION · 1W

PLAN · 5

WARNINGS (1)

SHEET 01

INK

INK

material	21.3%
min width	≥ 1.20 mm
floating	0 → 0
paths	27
preserved	100.0%
nodes	1,223
bridges	0
fine detail	0

SHEET 02

NAVY

COLOR

material	12.2%
min width	≥ 1.20 mm
floating	0 → 0
paths	10
preserved	100.0%
nodes	224
bridges	0
fine detail	0

ABOUT THIS TOOL

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STEP 3 OF 9

The dials that matter

Paint colors, and the underlap under the ink.

CLOSE-UP

RETICLE RED · VECTOR STACKER TUTORIAL

Painted wall art — Sample, recipe, material, the cut check, views and export

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Start free

12 CR

1 Start

2 Style

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Choose a recipe and the few dials that matter

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4

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1.5 mm

Backer colour (the solid back sheet)

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yellow

olive

navy

Sheet material

Sheet stock

3 mm Baltic birch · 3 mm

Explode sheets

5 sheets · drag to turn

THE NUMBERS

VALIDATION · 1W

PLAN · 5

WARNINGS (1)

SHEET 01

INK

INK

material21.3%

min width≥ 1.28 mm

floating0 → 0

paths27

preserved100.0%

nodes1,223

bridges0

fine detail0

SHEET 02

NAVY

COLOR

material12.2%

min width≥ 1.28 mm

floating0 → 0

paths10

preserved100.0%

nodes224

bridges0

fine detail0

SHEET 03

YELLOW

COLOR

SHEET 04

ORANGE

COLOR

ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 4 OF 9

Material and size

Sheet material + finished width (mm or in) set what is too thin to cut.

CLOSE-UP

Sheet material

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Start free 12 CR

🟢 **READY TO CUT** 5 sheets

Every sheet clears 3 mm baltic birch at this size.
The numbers are under the preview.

4 tiny pieces dropped

Pieces smaller than a fingertip were left out; the backer shows through there.

Try a paint scheme

Graveyard

Sunset

Forest

Ocean

Monochrome

Ember

Save these paints Reset

Preview only — paint never changes the cut files. Tap a swatch below to set one sheet; the black ink sheet stays black.

Sheets · front → back

01 ink
top · 1 piece

02 navy
10 pieces

03 yellow
5 pieces

nodes 1,223
bridges 0
fine detail 0

SHEET 03 YELLOW COLOR


material 16.8%
min width ≥ 1.28 mm
floating 0 → 0
paths 5
preserved 100.0%
nodes 313
bridges 0
fine detail 0

SHEET 05 BACKER · OLIVE BACKER


material 100.0%
min width ≥ 1.28 mm
floating 0 → 0
paths 1
preserved 100.0%
nodes 6
bridges 0
fine detail 0

SHEET 04 ORANGE COLOR


material 19.0%
min width ≥ 1.28 mm
floating 0 → 0
paths 13
preserved 100.0%
nodes 534
bridges 0
fine detail 0

SHEET UNIQUENESS

01	band 21.3%	profile 100%	distinct
02	band 12.2%	profile 100%	distinct
03	band 16.8%	profile 100%	distinct
04	band 19.0%	profile 100%	distinct
05	band 100.0%	profile 100%	back sheet

WARNING (1)

ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 5 OF 9

The cut check

READY TO CUT: every piece clears the minimum for this material.

Fingertip-sized pieces are dropped and listed.

CLOSE-UP

🟢 **READY TO CUT** 5 sheets

Every sheet clears 3 mm baltic birch at this size.
The numbers are under the preview.

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RETICLE RED

Create ▾

Prep ▾

Make ▾

Learn ▾

Q

Pricing

EN ▾

Start free 12 CR

READY TO CUT5 sheets

Every sheet clears 3 mm baltic birch at this size. The numbers are under the preview.

4 tiny pieces dropped

Pieces smaller than a fingertip were left out; the backer shows through there.

Try a paint scheme

Graveyard

Sunset

Forest

Ocean

Monochrome

Ember

Save these paintsReset

Preview only — paint never changes the cut files. Tap a swatch below to set one sheet; the black ink sheet stays black.

Sheets · front → back

01 ink

top · 1 piece

Only

02 navy

10 pieces

Only

03 yellow

5 pieces

Only

nodes1,223

bridges0

fine detail0

SHEET 03YELLOWCOLOR

material16.8%

min width≥ 1.28 mm

floating0 → 0

paths5

preserved100.0%

nodes313

bridges0

fine detail0

SHEET 05BACKER · OLIVEBACKER

material100.0%

min width≥ 1.28 mm

floating0 → 0

paths1

preserved100.0%

nodes6

bridges0

fine detail0

SHEET UNIQUENESS

01	band 21.3%	profile 100%	distinct
02	band 12.2%	profile 100%	distinct
03	band 16.8%	profile 100%	distinct
04	band 19.0%	profile 100%	distinct
05	band 100.0%	profile 100%	back sheet

WARNING (1)

nodes224

bridges0

fine detail0

SHEET 04ORANGECOLOR

material19.0%

min width≥ 1.28 mm

floating0 → 0

paths13

preserved100.0%

nodes534

bridges0

fine detail0

ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 6 OF 9

Preview paints

Pick a preset, or set each sheet's color.

CLOSE-UP

rd

Sunset

Ocean

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RETICLE
RED

Create

Prep

Make

Learn

Q

Pricing

EN

Start free 12 CR

COMMAND CENTER · CREATE · VECTOR STACKER

VECTOR STACKER

FREE + AI

GUIDED

PRO

EXAMPLES

Layered Art for Your Laser

A description, a picture or a depth map → painted or natural-wood sheets, checked before you cut

READY TO CUT5 sheets

Every sheet clears 3 mm baltic birch at this size. The numbers are under the preview.

4 tiny pieces dropped

Pieces smaller than a fingertip were left out; the backer shows through there.

Try a paint scheme

Graveyard

Sunset

Forest

Ocean

Monochrome

Ember

Save these paints

Reset

Preview only — paint never changes the cut files. Tap a swatch below to set one sheet; the black ink sheet stays black.

Sheets · front → back

01 ink

STACK

FLAT

EXPLODED

READY TO CUT5 sheets



?

ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 7 OF 9

Three views

Stack: 3D. Flat: the finished front. Exploded: every sheet side by side.

CLOSE-UP

STACK

FLAT

EXPLODED

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**Picture**
5 sheets - 12.0 × 12.0 in
[Replace](#)
[Describe](#)

Size (in)
W 12 H 12 mm in
Lock aspect ratio ☒
Alignment holes on the sheets that line up ☐

DOWNLOAD CUT FILES (SVG + DXF + .LBRN2)

LIGHTBURN ONLY

NEST ON A SHEET

PRODUCTION PACKAGE OPERATOR

ASSEMBLY GUIDE

SAVE PROJECT

LOAD PROJECT

The ZIP has one SVG and DXF per sheet, a LightBurn file with every sheet on its own layer, the assembly guide, and the check you just read.



Sheet stock
3 mm Baltic birch · 3 mm

Explode sheets

5 sheets · drag to turn

THE NUMBERS

VALIDATION · 1W

PLAN · 5

WARNINGS (1)

SHEET 01 INK INK



material	21.3%
min width	≥ 1.28 mm
floating	0 → 0
paths	27
preserved	100.0%
nodes	1,223
bridges	0
fine detail	0

SHEET 02 NAVY COLOR



material	12.2%
min width	≥ 1.28 mm
floating	0 → 0
paths	10
preserved	100.0%
nodes	224
bridges	0
fine detail	0

ABOUT THIS TOOL Capabilities, questions operators ask, and related guides for this workspace.

STEP 8 OF 9

Download cut files

An SVG + DXF per sheet (01 = front), a LightBurn file, an assembly guide and the check result.

CLOSE-UP

DOWNLOAD CUT FILES (SVG + DXF + .LBRN2)

RETICLE RED · VECTOR STACKER TUTORIAL

Painted wall art — Sample, recipe, material, the cut check, views and export

reticle-red.com/vector-stacker

RETICLE RED

CreatePrepMakeLearn

Q Pricing EN

Start free 12 CR

Picture

5 sheets - 12.0 × 12.0 in

ReplaceDescribe

Size (in)

W12H12mm in

Lock aspect ratio

Alignment holes on the sheets that line up

DOWNLOAD CUT FILES (SVG + DXF + .LBRN2)

LIGHTBURN ONLYNEST ON A SHEET

PRODUCTION PACKAGEOPERATORASSEMBLY GUIDE

SAVE PROJECTLOAD PROJECT

The ZIP has one SVG and DXF per sheet, a LightBurn file with every sheet on its own layer, the assembly guide, and the check you just read.

Sheet stock

3 mm Baltic birch · 3 mm

Explode sheets

5 sheets - drag to turn

THE NUMBERS

VALIDATION · 1W

PLAN · 5

WARNINGS (1)

SHEET 01

INK

INK

material21.3%

min width≥ 1.20 mm

floating0 → 0

paths27

preserved100.0%

nodes1,223

bridges0

fine detail0

SHEET 02

NAVY

COLOR

material12.2%

min width≥ 1.20 mm

floating0 → 0

paths10

preserved100.0%

nodes224

bridges0

fine detail0

ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 9 OF 9

Nest, align, save

Nest on a sheet packs your stock. Alignment holes line up the glue-up.

Save project to come back later.

CLOSE-UP



PART 2 OF 2

A shadow box

A depth map becomes nested, framed sheets

RETICLE RED · VECTOR STACKER TUTORIAL

A shadow box — A depth map becomes nested, framed sheets

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RETICLE RED

CreatePrepMakeLearn

Q Pricing EN

Start free 12 CR

StartStyleCheckExport

Choose a recipe and the few dials that matter

Picture

5 sheets · 12.0 × 12.0 in

ReplaceDescribe

What are you making?

Painted Wall Art

Shadow Box

Mandala

Stepped Sign

Photo Bands

Shape Scene

Black line sheet on top, one painted sheet per colour under it, solid backer. Best for: Flat art with bold outlines · a prompt · a picture you want to recreate

Paint colours (plus black ink)4

Underlap — colour runs under the ink1.5 mm

Backer colour (the solid back sheet)

orange

yellow

olive

navy

Sheet material

Sheet stock

3 mm Baltic birch · 3 mm

Explode sheets



5 sheets · drag to turn

THE NUMBERS

VALIDATION · 1W

PLAN · 5

WARNINGS (1)

SHEET 01

INK

INK



material21.3%

min width≥ 1.28 mm

floating0 → 0

paths27

preserved100.0%

nodes1,223

bridges0

fine detail0

SHEET 02

NAVY

COLOR



material12.2%

min width≥ 1.28 mm

floating0 → 0

paths10

preserved100.0%

nodes224

bridges0

fine detail0

SHEET 03

YELLOW

COLOR



material16.8%

SHEET 04

ORANGE

COLOR



material19.0%

ABOUT THIS TOOL

Capabilities, questions operators ask, and related guides for this workspace.

STEP 1 OF 2

Shadow Box

The sample becomes a depth map: near = front sheets, far = behind, in a frame.

CLOSE-UP



RETICLE RED · VECTOR STACKER TUTORIAL

A shadow box — A depth map becomes nested, framed sheets

reticle-red.com/vector-stacker

**RETICLE
RED**

Create ▾Prep ▾Make ▾Learn ▾

Q Pricing EN ⚙️ 🔔 Start free 12 CR

1 Start
Choose a recipe and the few dials that matter

2 **Style**

3 Check

4 Export

**Depth map**
4 sheets · 12.0 × 12.0 in
[Replace](#)
[Describe](#)

What are you making?

 Painted Wall Art

 Stepped Sign

 **Shadow Box**

 Photo Bands

 Mandala

 Shape Scene

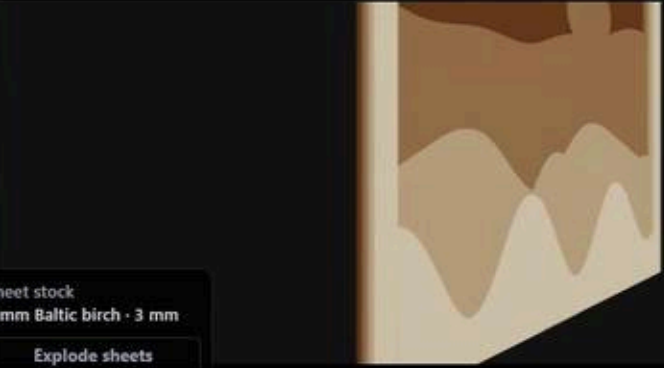
A depth map becomes nested sheets with a frame — near sheets in front, far sheets behind. Best for: Depth Studio, 3D RELIEF or Coin depth maps · landscapes · scenes

Sheets 4

Banding

Balanced Equal

Air gap between sheets 6 mm



Sheet stock
3 mm Baltic birch · 3 mm

Explode sheets

4 sheets · drag to turn

THE NUMBERS

VALIDATION

PLAN · 4

PASSED

SHEET 01 FOREGROUND STEPPED



material	31.0%
min width	≥ 1.20 mm
floating	1 → 0
paths	2
preserved	100.0%
nodes	76
bridges	1
fine detail	0

SHEET 02 SUBJECT STEPPED



material	50.1%
min width	≥ 1.20 mm
floating	0 → 0
paths	2
preserved	100.0%
nodes	50
bridges	0
fine detail	0

SHEET 03 MIDDLE GROUND STEPPED



material	77.6%
----------	-------

SHEET 04 BACKGROUND STEPPED



material	100.0%
----------	--------

ABOUT THIS TOOL Capabilities, questions operators ask, and related guides for this workspace.

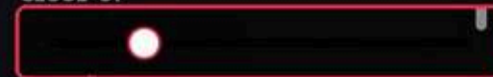
STEP 2 OF 2

Sheets, banding, air gap

3 to 8 sheets. Auto-bridge keeps loose pieces attached.

The same check runs before you export.

CLOSE-UP



Your stack, ready to cut

Create → Vector Stacker

Samples, the cut check and every export are free.

More tutorials: reticle-red.com/tutorials

Narration: AI voice (ElevenLabs). Screens: the real reticle-red.com.