

RETICLE RED TUTORIAL

# The Fabricator

**From a blank part to laser-ready engraving art,  
in four steps: Load, Paint, Fire, Export.**

Recorded on the live site · SIMPLE · Part Templates · Style DNA · Run Plan · LightBurn, xTool, EZCAD

[reticle-red.com/fabricator](https://reticle-red.com/fabricator)

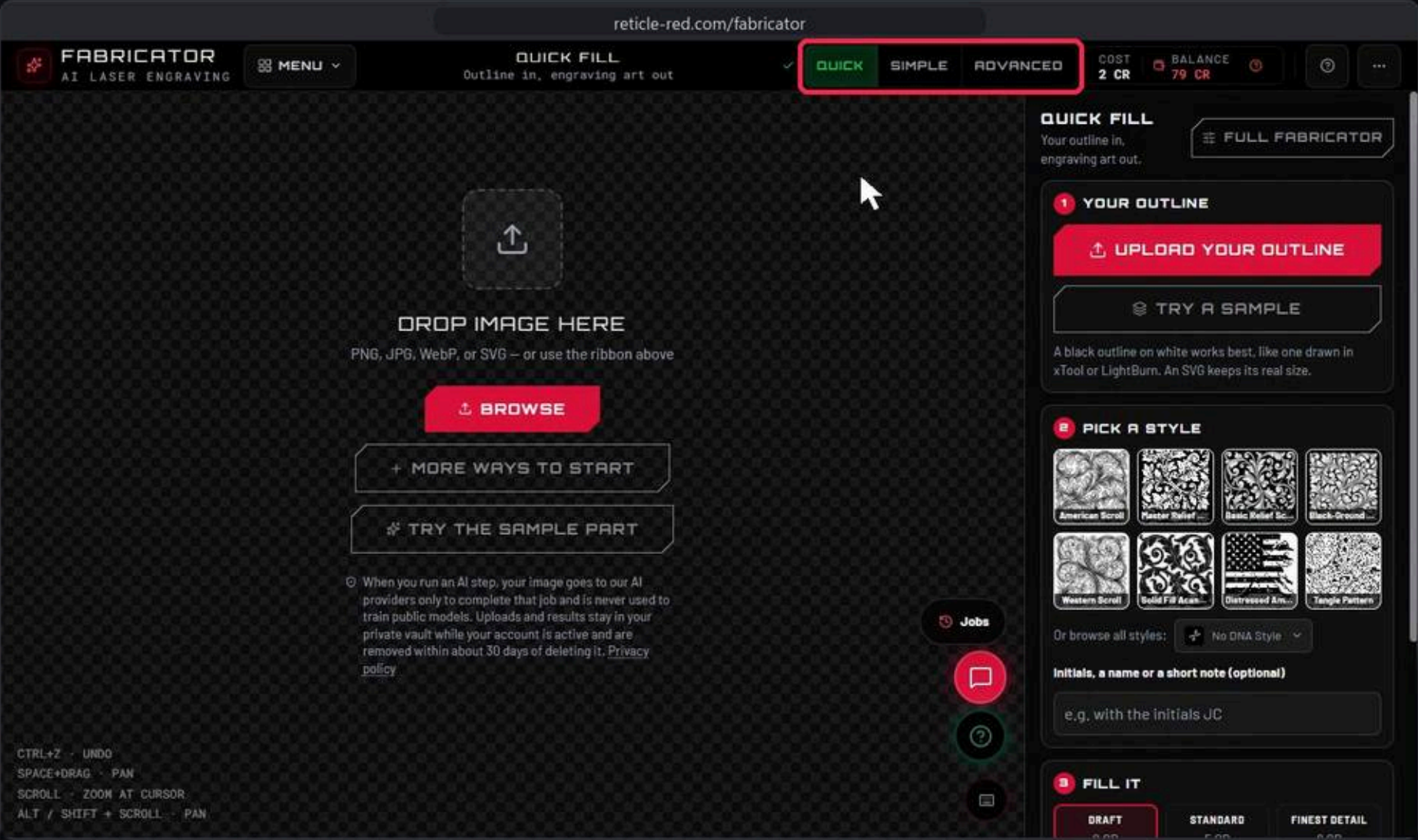
PART 1 OF 3

# Load the part and mark the art zone

Modes, Part Templates and the Paint tools (free)

RETICLE RED · FABRICATOR TUTORIAL

Load the part and mark the art zone — Modes, Part Templates and the Paint tools (free)



STEP 1 OF 3

QUICK, SIMPLE or  
ADVANCED

New visitors land in Quick Fill.

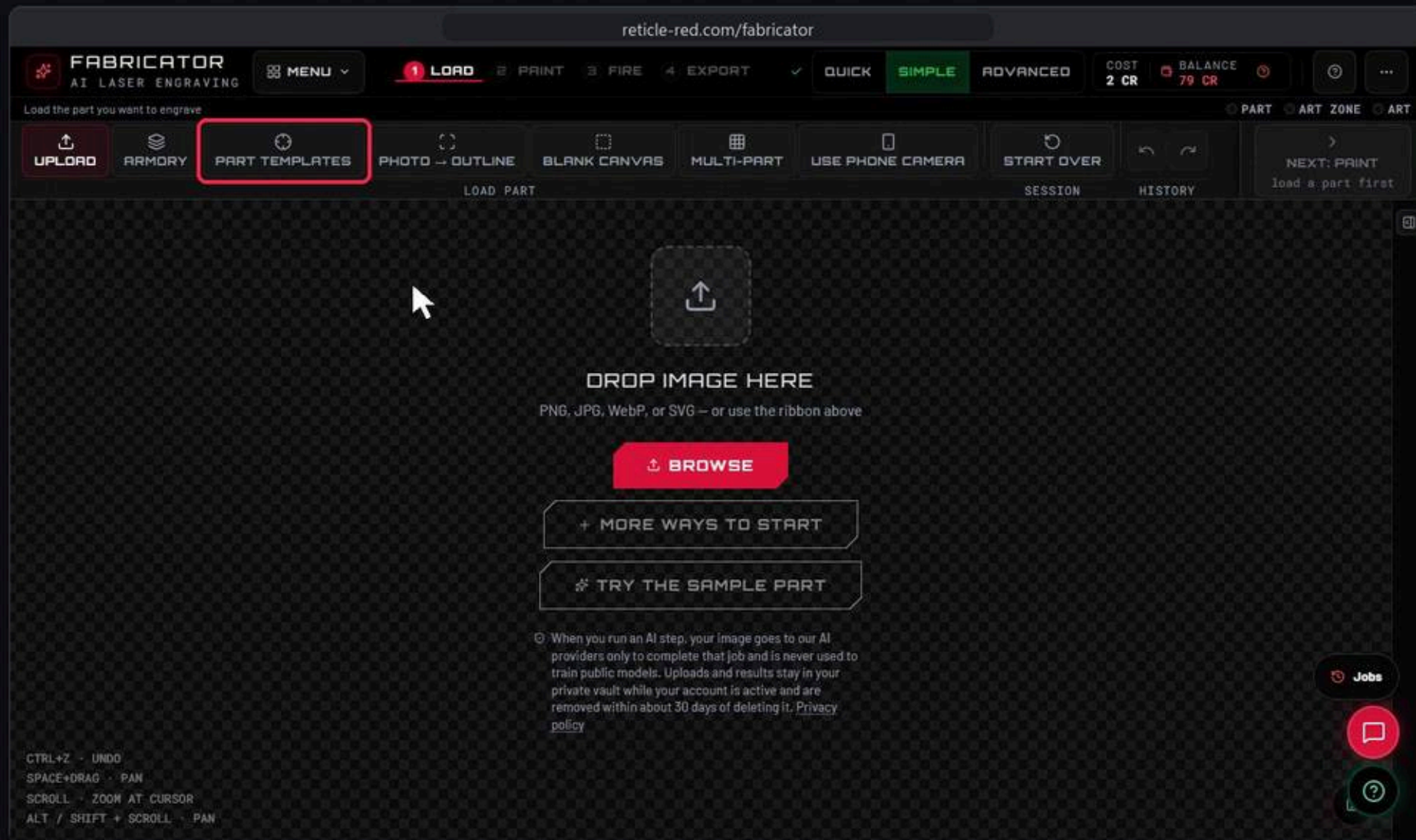
SIMPLE: the full step-by-step  
Fabricator.

CLOSE-UP



## RETICLE RED · FABRICATOR TUTORIAL

Load the part and mark the art zone — Modes, Part Templates and the Paint tools (free)



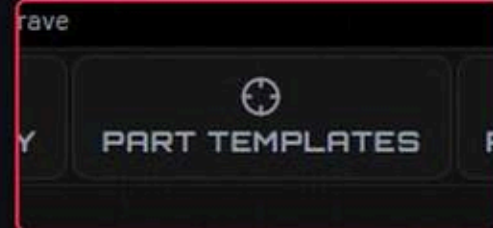
### STEP 2 OF 3

## Load your part

Upload a photo or outline, Try the Sample Part,

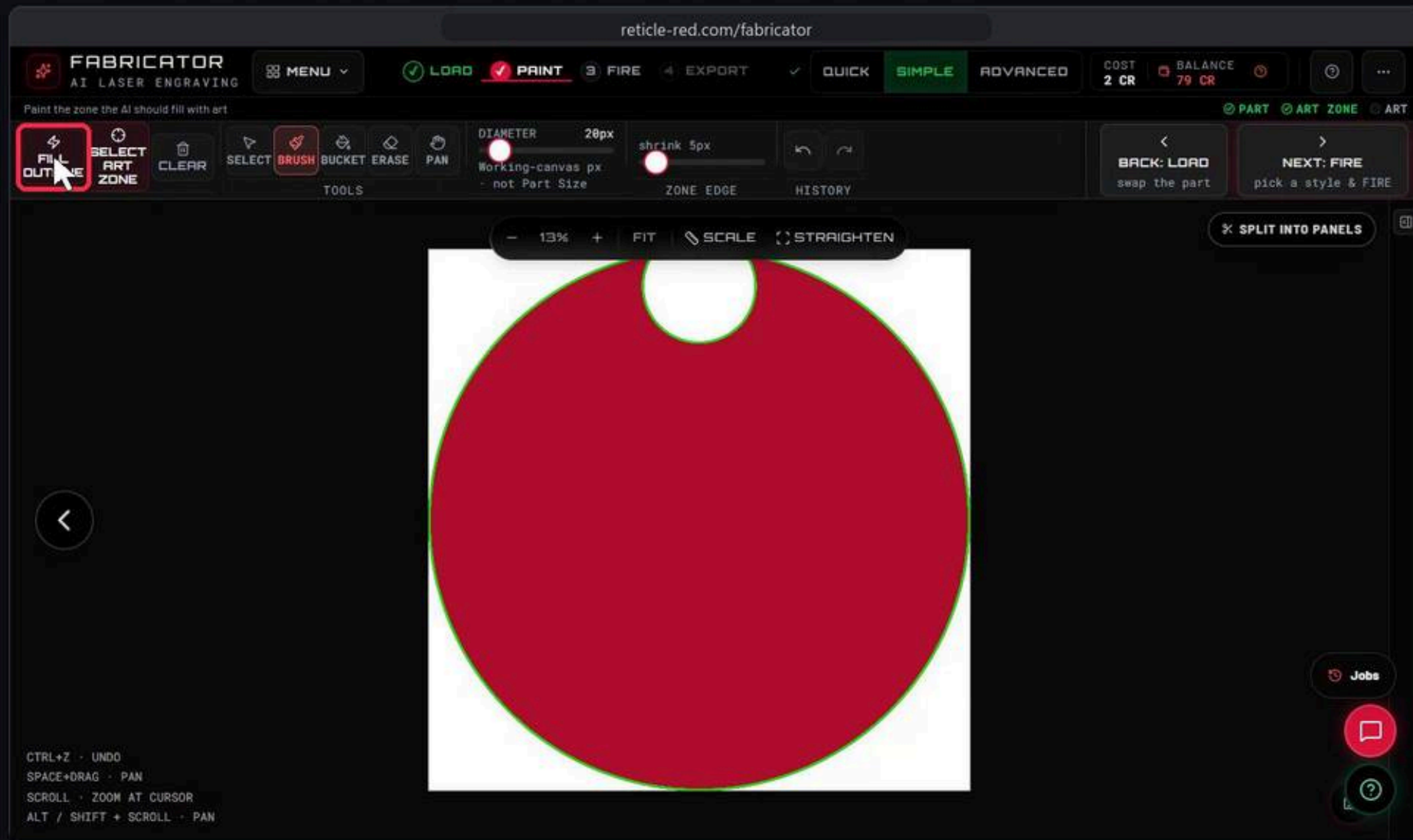
or Part Templates: Round Keychain 50 mm.

### CLOSE-UP



## RETICLE RED · FABRICATOR TUTORIAL

Load the part and mark the art zone — Modes, Part Templates and the Paint tools (free)



### STEP 3 OF 3

## The art zone

FILL OUTLINE finds the shape; the ring hole stays clear.

BRUSH, BUCKET and ERASE to touch it up.

CLOSE-UP



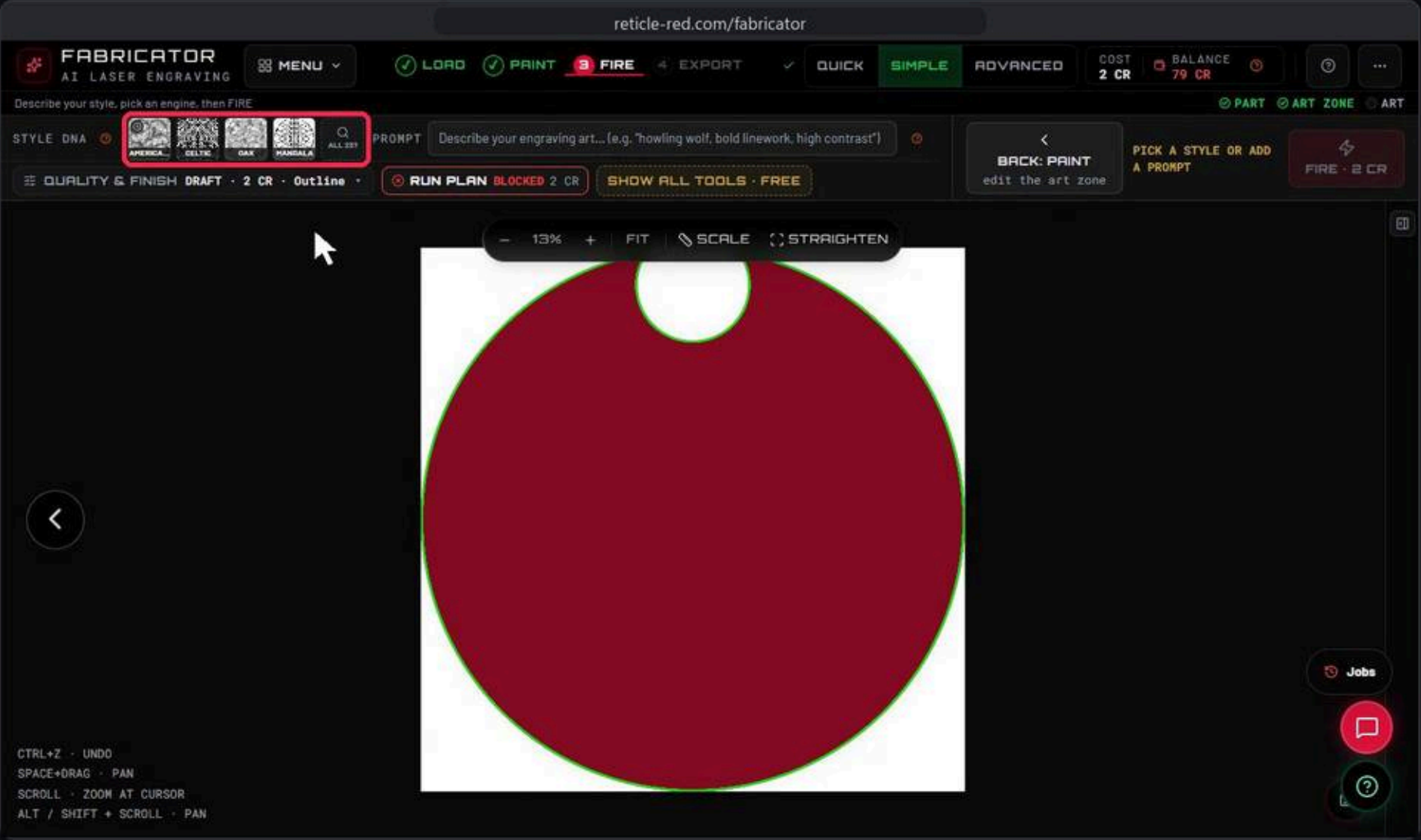
PART 2 OF 3

# Style, engine and FIRE

Style DNA, Quality & Finish, Show All Tools, Run Plan, one 2 CR DRAFT

RETICLE RED · FABRICATOR TUTORIAL

Style, engine and FIRE — Style DNA, Quality & Finish, Show All Tools, Run Plan, one 2 CR DRAFT



STEP 1 OF 5

Style DNA

Tap a tile (American Scroll) or ALL 237 to browse.

The prompt adds your own details.

CLOSE-UP



RETICLE RED · FABRICATOR TUTORIAL

Style, engine and FIRE — Style DNA, Quality & Finish, Show All Tools, Run Plan, one 2 CR DRAFT

reticle-red.com/fabricator

FABRICATOR

AI LASER ENGRAVING

MENU

LOAD

PAINT

FIRE

EXPORT

QUICK

SIMPLE

ADVANCED

COST

2 CR

BALANCE

79 CR

PART

ART

ZONE

ART

Describe your style, pick an engine, then FIRE

STYLE DNA

APRIL

DELTA

OAK

HANDALA

ALL 231

PROMPT

fine line detail, high contrast

BACK: PAINT

edit the art zone

2 CR · ~10S

FIRE · 2 CR

QUALITY & FINISH

DRAFT · 2 CR · Outline

SHOW

fine line detail, high contrast

Style picked - leave this blank, or add specifics: subjects, objects, names, mood. e.g. "add flowing vines and oak leaves, the name SARAH".

⌘/Ctrl+Enter to FIRE · Esc to close

DONE

CTRL+Z · UNDO

SPACE+DRAG · PAN

SCROLL · ZOOM AT CURSOR

ALT / SHIFT + SCROLL · PAN

Jobs

STEP 2 OF 5

Quality & Finish

DRAFT 2 · STANDARD 5 · FINEST  
DETAIL 8 · MAX DETAIL 10 CR.

OUTLINE or SOLID FILL.

CLOSE-UP

APRIL

DELTA

OAK

HANDALA

ALL 231

QUALITY & FINISH

DRAFT · 2 CR · Outline

RETICLE RED · FABRICATOR TUTORIAL

Style, engine and FIRE — Style DNA, Quality & Finish, Show All Tools, Run Plan, one 2 CR DRAFT

reticle-red.com/fabricator

FABRICATOR

AI LASER ENGRAVING

MENU

LOAD

PAINT

**FIRE**

EXPORT

QUICK

**SIMPLE**

ADVANCED

COST

2 CR

BALANCE

79 CR

⌂

⋮

Describe your style, pick an engine, then FIRE

STYLE DNA

APRIME

CELTIC

OAK

HANDSALA

ALL 231

PROMPT

fine line detail, high contrast

QUALITY & FINISH

DRAFT · 2 CR · Outline

**SHOW ALL TOOLS · FREE**

BACK: PAINT

edit the art zone

2 CR · ~10\$

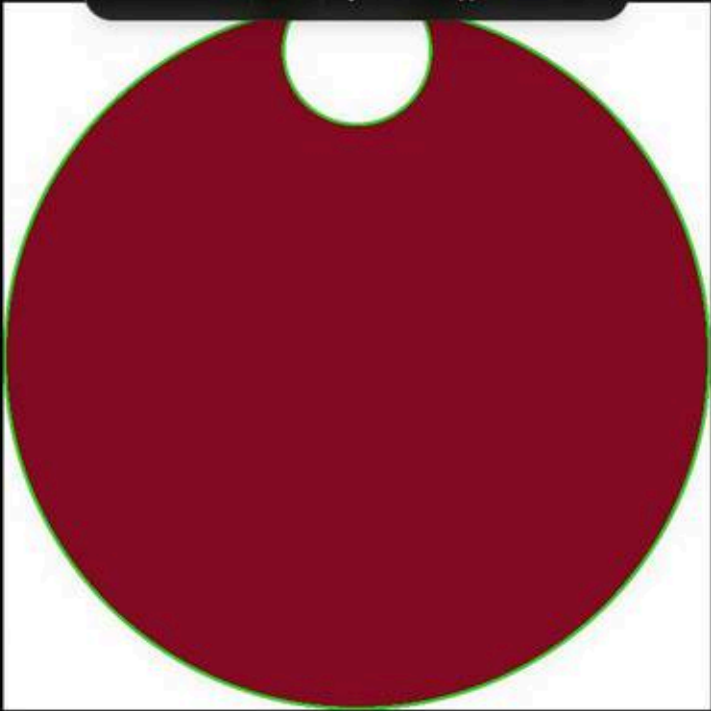
**FIRE · 2 CR**

13%

FIT

SCALE

STRAIGHTEN



Jobs

CTRL+Z · UNDO

SPACE+DRAG · PAN

SCROLL · ZOOM AT CURSOR

ALT / SHIFT + SCROLL · PAN

STEP 3 OF 5

Show All Tools · Free

SIMPLE keeps the step short.

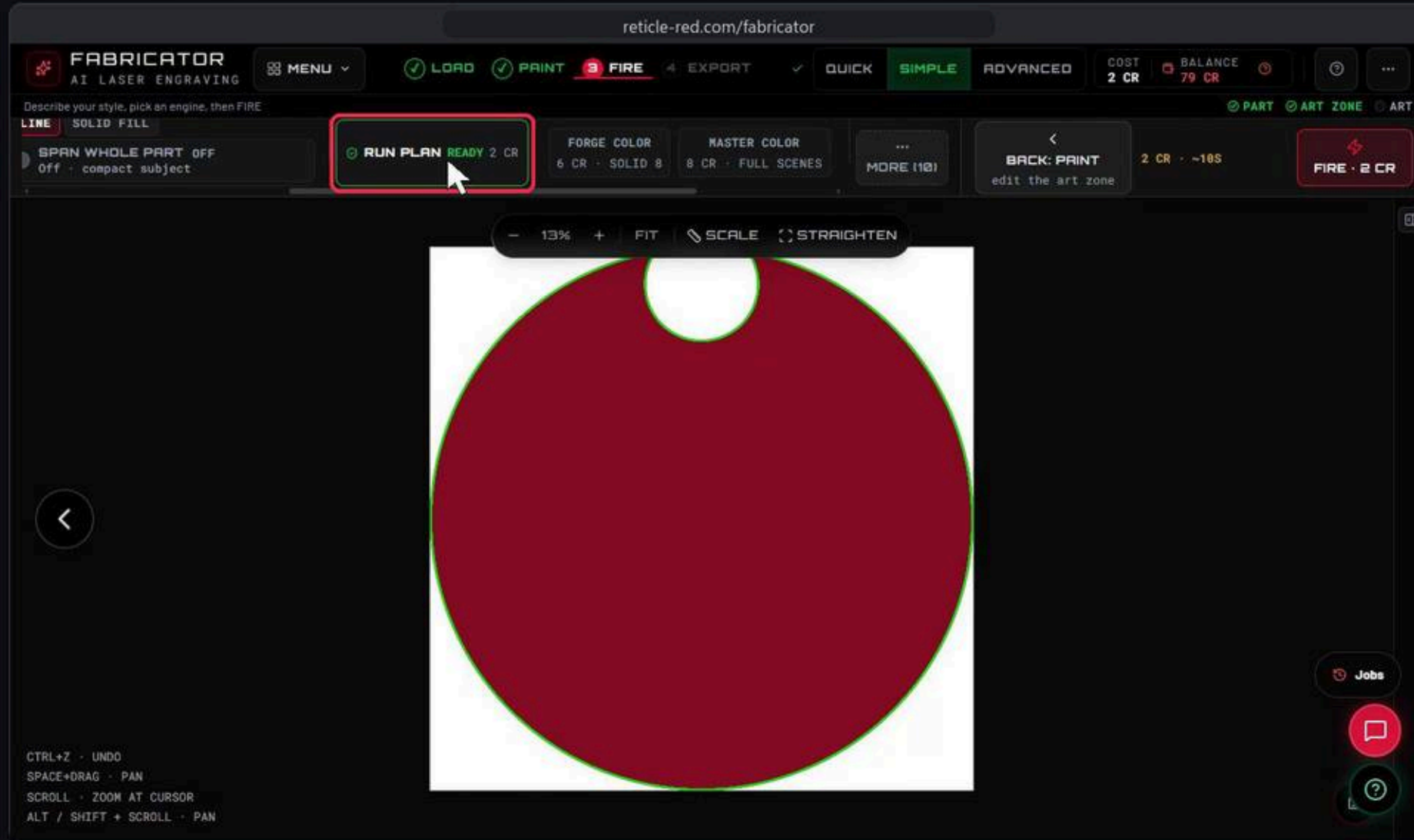
The door opens the rest, Run Plan included.

CLOSE-UP

SHOW ALL TOOLS · FREE

## RETICLE RED · FABRICATOR TUTORIAL

Style, engine and FIRE — Style DNA, Quality & Finish, Show All Tools, Run Plan, one 2 CR DRAFT



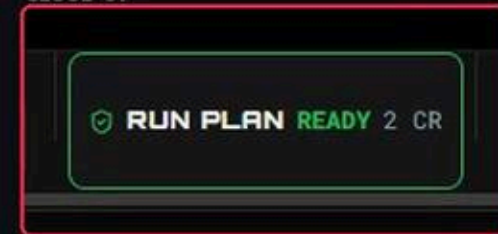
### STEP 4 OF 5

## Run Plan

Engine and price, parts, output size (44 mm).

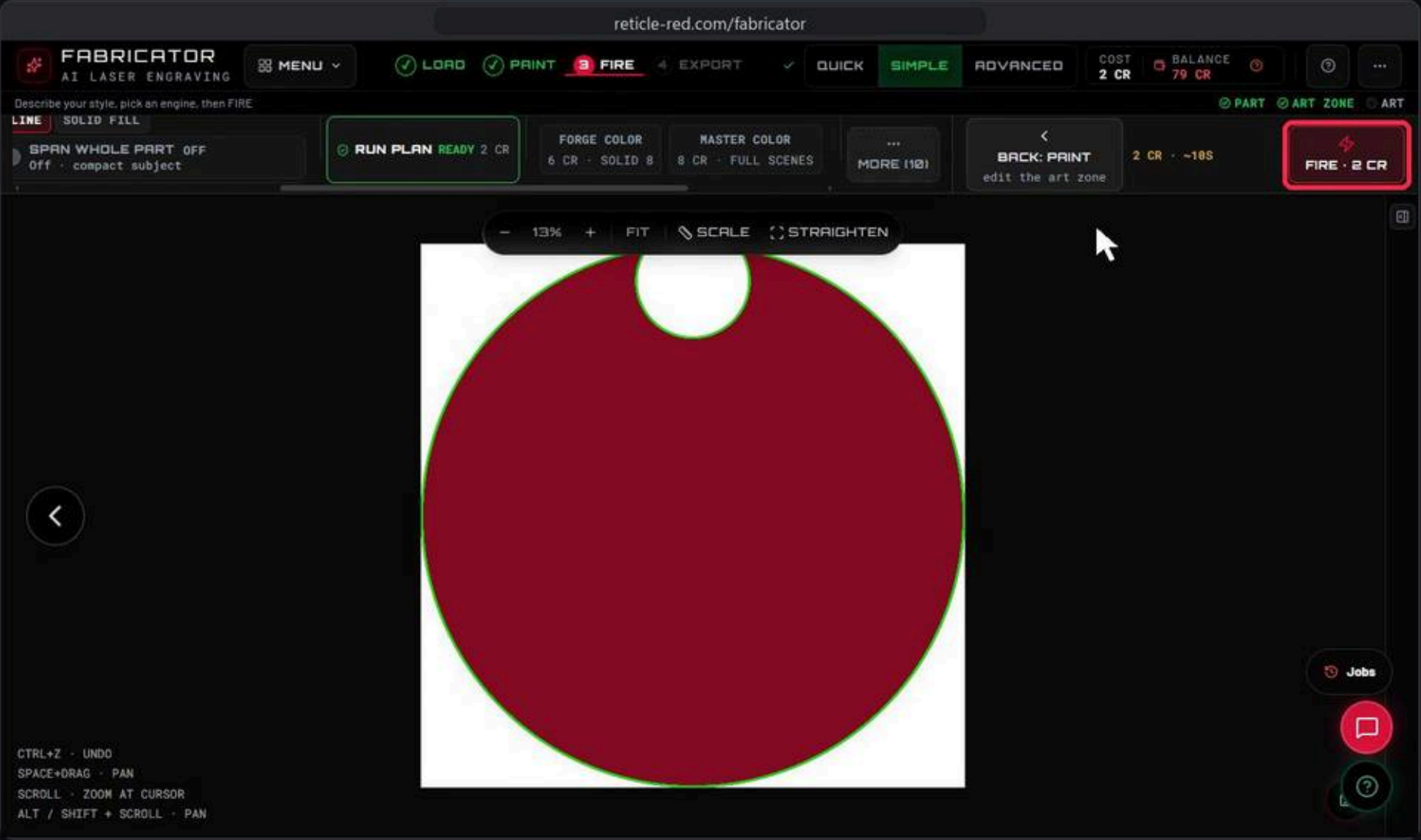
Nothing in Run Plan can spend credits.

CLOSE-UP



RETICLE RED · FABRICATOR TUTORIAL

Style, engine and FIRE — Style DNA, Quality & Finish, Show All Tools, Run Plan, one 2 CR DRAFT



STEP 5 OF 5

FIRE

A confirm box shows the price and your balance.

Nothing is charged until you confirm.



PART 3 OF 3

# The result and your laser files

Fire Again, Part size, the downloads, Show Optional Tools

## RETICLE RED · FABRICATOR TUTORIAL

The result and your laser files — Fire Again, Part size, the downloads, Show Optional Tools

reticle-red.com/fabricator

FABRICATOR

AI LASER ENGRAVING

MENU

LOAD

PAY

FIRE

EXPORT

QUICK

SIMPLE

ADVANCED

COST

2 CR

BALANCE

77 CR

...

Download laser-ready files — or FIRE AGAIN to iterate

...

MORE (2)

BACK: FIRE

change the style

2 CR · ~10S

FIRE AGAIN · 2 CR

same zone, new art

MACHINE FILES

LIGHTBURN

.LBRN2

YOUR FORMAT

XTOOL

.SVG IMAGE

EZCAD

.ZIP

Red outline for xTool + EZCAD

COLLAPSE LEFT DOCK

DOWNLOAD

PART SIZE

How wide is your part? (long edge)

44

mm

Other side, measured (optional)

43.7

mm

Photo taken at a slight angle? Measure the part's other side and type it here; the downloads stretch to match.

Art zone: 44.0 × 43.7 mm

Downloads open at this size in xTool, LightBurn and EZCAD, so they land on your outline.

DOWNLOAD FOR YOUR LASER SOFTWARE

LIGHTBURN .lbrn2

Vector paths at true size. Your part outline is on layer T1, which never burns: line it up with your part.

XTOOL CREATIVE SPACE .svg

Exact-detail image that keeps the finest lines, at true size. Line the red outline up with your part, then turn its output off.

RESULT OR

POST-GENERATION GUIDANCE

SCALE

STRAIGHTEN

Ready · review confidence 100%



CTRL+Z · UNDO

SPACE+DRAG · PAN

SCROLL · ZOOM AT CURSOR

ALT / SHIFT + SCROLL · PAN

Jobs

### STEP 1 OF 5

## The result

A real DRAFT take, made with these exact settings.

The ring hole stays clear.

### CLOSE-UP



## RETICLE RED · FABRICATOR TUTORIAL

The result and your laser files — Fire Again, Part size, the downloads, Show Optional Tools

reticle-red.com/fabricator

FABRICATOR  
AI LASER ENGRAVING

MENU

LOAD

PAY

FIRE

EXPORT

QUICK

SIMPLE

ADVANCED

COST  
2 CR

BALANCE  
77 CR

...

Download laser-ready files — or FIRE AGAIN to iterate

MORE (2)

BACK: FIRE  
change the style

2 CR · ~10S

FIRE AGAIN · 2 CR  
same zone, new art

MACHINE FILES

LIGHTBURN  
.LBRN2  
YOUR FORMAT

XTOOL  
.SVG IMAGE

EZCAD  
.ZIP

B/W art · 44mm

COLLAPSE LEFT DOCK

DOWNLOAD

1 PART SIZE

How wide is your part? (long edge)

44 mm

Other side, measured (optional)

43.7 mm

Photo taken at a slight angle? Measure the part's other side and type it here; the downloads stretch to match.

Art zone: 44.0 × 43.7 mm

Downloads open at this size in xTool, LightBurn and EZCAD, so they land on your outline.

2

DOWNLOAD FOR YOUR LASER SOFTWARE

LIGHTBURN .lbrn2  
Vector paths at true size. Your part outline is on layer T1, which never burns: line it up with your part.

XTOOL CREATIVE SPACE .svg  
Exact-detail image that keeps the finest lines, at true size. Line the red outline up with your part, then turn its output off.

RESULT QA POST-GENERATION GUIDANCE

Ready · review confidence 100%

SCALE

STRAIGHTEN

CTRL+Z · UNDO

SPACE+DRAG · PAN

SCROLL · ZOOM AT CURSOR

ALT / SHIFT + SCROLL · PAN

Jobs

### STEP 2 OF 5

## FIRE AGAIN · 2 CR

Same zone, new art, same price.

BACK: FIRE to change the style first.

CLOSE-UP

FIRE AGAIN · 2 CR  
same zone, new art

✓

## RETICLE RED · FABRICATOR TUTORIAL

The result and your laser files — Fire Again, Part size, the downloads, Show Optional Tools

reticle-red.com/fabricator

FABRICATOR

AI LASER ENGRAVING

MENU

LOAD

PAY

FIRE

EXPORT

QUICK

SIMPLE

ADVANCED

COST

2 CR

BALANCE

77 CR

...

Download laser-ready files — or FIRE AGAIN to iterate

...

MORE (2)

BACK: FIRE

change the style

2 CR · -10S

FIRE AGAIN · 2 CR

same zone, new art

MACHINE FILES

LIGHTBURN

.LBRN2

YOUR FORMAT

XTOOL

.SVG IMAGE

EZCAD

.ZIP

B/W art · 44mm

Red outline for xTool + EZCAD

COLLAPSE LEFT DOCK

DOWNLOAD

PART SIZE

How wide is your part? (long edge)

44

mm

Other side, measured (optional)

43.7

mm

Photo taken at a slight angle? Measure the part's other side and type it here; the downloads stretch to match.

Art zone: 44.8 × 43.7 mm

Downloads open at this size in xTool, LightBurn and EZCAD, so they land on your outline.

DOWNLOAD FOR YOUR LASER SOFTWARE

LIGHTBURN .lbrn2

Vector paths at true size. Your part outline is on layer T1, which never burns: line it up with your part.

XTOOL CREATIVE SPACE .svg

Exact-detail image that keeps the finest lines, at true size. Line the red outline up with your part, then turn its output off.

RESULT QA

POST-GENERATION GUIDANCE

Ready · review confidence 100%

SCALE

STRAIGHTEN

CTRL+Z · UNDO

SPACE+DRAG · PAN

SCROLL · ZOOM AT CURSOR

ALT / SHIFT + SCROLL · PAN

Jobs

### STEP 3 OF 5

## Part size

The template filled in 44 mm.

Your own part: type its long edge once.

### CLOSE-UP

DOWNLOAD

PART SIZE

How wide is your part? (long edge)

44

mm

Other side, measured (optional)

43.7

mm

Photo taken at a slight angle? Measure the part's other side and type it here; the downloads stretch to match.

Art zone: 44.8 × 43.7 mm

Downloads open at this size in xTool, LightBurn and EZCAD, so they land on your outline.

## RETICLE RED · FABRICATOR TUTORIAL

The result and your laser files — Fire Again, Part size, the downloads, Show Optional Tools

reticle-red.com/fabricator

FABRICATOR

AI LASER ENGRAVING

MENU

LOAD

PAY

FIRE

EXPORT

QUICK

SIMPLE

ADVANCED

COST

2 CR

BALANCE

77 CR

...

Download laser-ready files — or FIRE AGAIN to iterate

...

MORE (2)

BACK: FIRE

change the style

2 CR · ~10S

FIRE AGAIN · 2 CR

same zone, new art

MACHINE FILES

LIGHTBURN

.LBRN2

YOUR FORMAT

XTOOL

.SVG IMAGE

EZCAD

.ZIP

Red outline for xTool + EZCAD

COLLAPSE LEFT DOCK

DOWNLOAD

PART SIZE

How wide is your part? (long edge)

44

mm

Other side, measured (optional)

43.7

mm

Photo taken at a slight angle? Measure the part's other side and type it here; the downloads stretch to match.

Art zone: 44.0 × 43.7 mm

Downloads open at this size in xTool, LightBurn and EZCAD, so they land on your outline.

DOWNLOAD FOR YOUR LASER SOFTWARE

LIGHTBURN .lbrn2

Vector paths at true size. Your part outline is on layer T1, which never burns: line it up with your part.

XTOOL CREATIVE SPACE .svg

Exact-detail image that keeps the finest lines, at true size. Line the red outline up with your part, then turn its output off.

RESULT OR

POST-GENERATION GUIDANCE

Ready · review confidence 100%

SCALE

STRAIGHTEN

...



CTRL+Z · UNDO

SPACE+DRAG · PAN

SCROLL · ZOOM AT CURSOR

ALT / SHIFT + SCROLL · PAN

Jobs

?

### STEP 4 OF 5

## Download for your laser

LightBurn .lbrn2, xTool .svg, EZCAD .zip: true size,

with the part outline as a non-burning guide.

### CLOSE-UP

#### DOWNLOAD FOR YOUR LASER SOFTWARE

LIGHTBURN .lbrn2

Vector paths at true size. Your part outline is on layer T1, which never burns: line it up with your part.

## RETICLE RED · FABRICATOR TUTORIAL

The result and your laser files — Fire Again, Part size, the downloads, Show Optional Tools

reticle-red.com/fabricator

FABRICATOR  
AI LASER ENGRAVING

MENU

LOAD

PAIN

FIRE

EXPORT

QUICK

SIMPLE

ADVANCED

COST  
2 CR

BALANCE  
77 CR

...

Download laser-ready files — or FIRE AGAIN to iterate

...

BACK: FIRE  
change the style

2 CR · ~10S

FIRE AGAIN · 2 CR  
same zone, new art

MACHINE FILES

LIGHTBURN  
.LBRN2

XTOOL  
.SVG IMAGE

EZCAD  
.ZIP  
YOUR FORMAT

Art zone: 44.0 × 43.7 mm

Downloads open at this size in xTool, LightBurn and EZCAD, so they land on your outline.

2

DOWNLOAD FOR YOUR LASER SOFTWARE

LIGHTBURN .lbrn2

Vector paths at true size. Your part outline is on layer T1, which never burns: line it up with your part.

XTOOL CREATIVE SPACE .svg

Exact-detail image that keeps the finest lines, at true size. Line the red outline up with your part, then turn its output off.

EZCAD (GALVO) .zip

DXF vectors at true size for EZCAD2 and EZCAD3. Line the red outline up with your part, then turn its pen off.

✓ Add a red locating outline to xTool and EZCAD files

Your part outline as a red line; line it up with your part, then turn that layer off (or delete it) before you burn. LightBurn files always have it on a layer that never burns.

OTHER SOFTWARE

VECTOR SVG

ART PNG

Need editable vectors in xTool? Use the Vector SVG.

RESULT OR POST-GENERATION GUIDANCE

Ready · review confidence 100%

SCALE

STRAIGHTEN



CTRL+Z · UNDO  
SPACE+DRAG · PAN  
SCROLL · ZOOM AT CURSOR  
ALT / SHIFT + SCROLL · PAN

Jobs

### STEP 5 OF 5

## Show Optional Tools

More formats, history, 8K SVG+PNG (1 CR) and more.

RETURN TO SIMPLE hides them again.

CLOSE-UP



# Your art, sized for your part

**Create → The Fabricator**

New accounts start with 12 free credits. A DRAFT fire is 2 CR; the downloads are free.

More tutorials: [reticle-red.com/tutorials](https://reticle-red.com/tutorials)

Narration: AI voice (ElevenLabs). Screens: the real [reticle-red.com](https://reticle-red.com).