

3D Laser Template kit in its case

3D LASER TEMPLATE

Portable laser templating system

PRODUCT OVERVIEW

Measure kitchen countertops, walls and stairs on site with a laser head on a tripod. The tablet software draws the job as you measure, adds seams, sinks and dimensions, prints a drawing for the customer to sign and exports clean DXF lines for any CNC saw, sawjet or waterjet that reads DXF. No physical templates.



Laser head



Hard carrying case

197 ft	**DXF**	**PDF**	**40 lb**
Laser range (60 m)	Clean lines for the CNC	Drawing for customer sign-off	Complete kit (18 kg)

KEY SPECIFICATIONS

Power	Rechargeable laser head and tablet
Software	Templating software on the tablet
Works with	Any CNC saw, sawjet or waterjet that reads DXF
Units	Metric or imperial
Language	Switchable on screen
Photos	Surface camera; saved in the job

LEARN THE ROUTINE FIRST

Accurate templates depend on the set-up and measuring routine. Allow time to train before live jobs.

IDEAL APPLICATIONS

- Kitchen countertops and islands.
- Walls and wall boundaries for tops that meet them.
- Stairs.
- Any job that needs accurate on-site dimensions.

INCLUDED CONFIGURATION

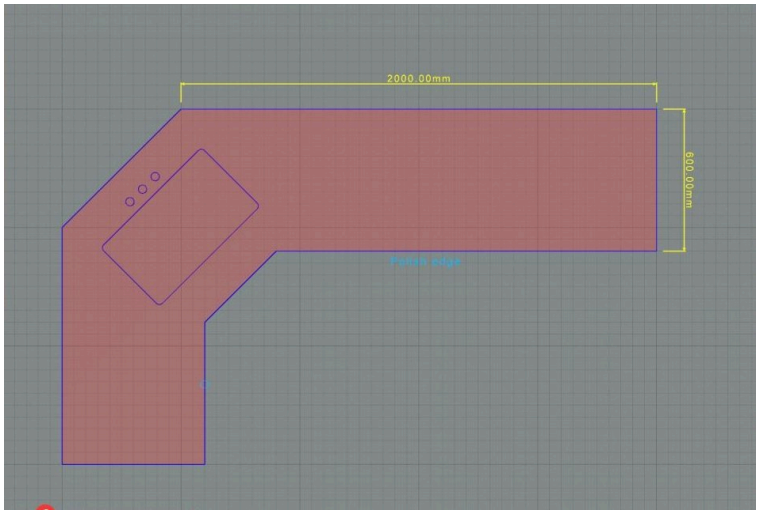
- Laser head with Next Level label.
- Tripod stand.
- Microsoft Surface tablet with the templating software.
- Charger.
- Hard carrying case with Next Level label.

BEFORE YOU ORDER

Check that your CNC or waterjet software imports DXF files. Training scope is confirmed on your quotation.

MEASURE. DRAW. EXPORT.

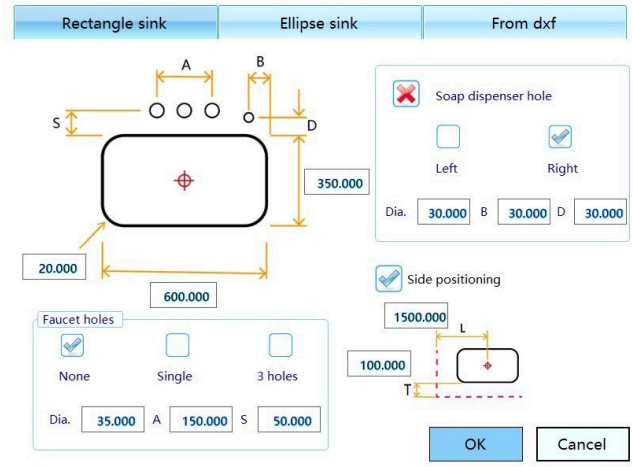
The drawing builds on the tablet while you measure.

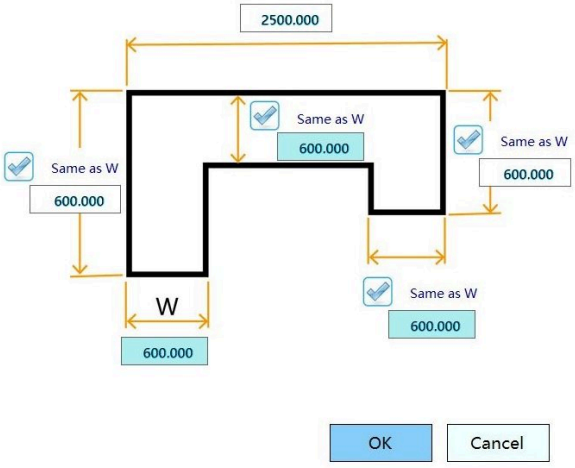


One job, several pages

Each customer gets a job. Keep the raw measurement on one page, the dimensioned drawing on the next and the clean CNC drawing on a third. Lines and arcs come straight from the laser; fillets, offsets and leveling square up the shape.

Curves	Points turned into a B-spline, polyline or arc
Snapping	Line ends and midpoints are captured automatically





Sinks, faucets and soap holes.

Place a rectangle or ellipse sink by its size and position, with no, one or three faucet holes and a soap-dispenser hole left or right. Your own sink shapes drop in from DXF files.

Draw a top from dimensions.

No site visit yet? Enter the outer dimensions, pick the gap type, then add the sink, the seam lines and the split, the same way as on a measured job.

Seams and backsplashes

Split the top at a seam, straight or European-style arc, with the gap you set; draw a backsplash from its width.

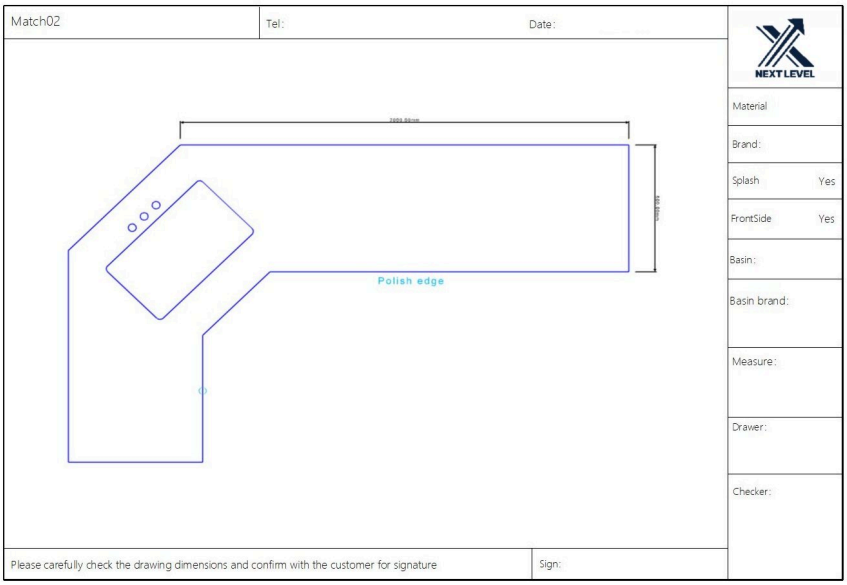
Fit between the walls

Point mode moves selected corners to bring the overall size in, so the top drops in between the walls.

Screens: the templating software supplied with the kit (examples from the operation manual).

FROM THE JOB SITE TO THE SAW.

A signed drawing for the customer, clean lines for the CNC.



A drawing to sign

Print the page you are working on, or save it as a PDF to e-mail. The drawing frame carries the job details and your own logo, with a line for the customer to sign after checking the dimensions.

Frame fields	Job name, phone, date, material, brand, splash, front side, basin
Sign-off	Measured by, drawn by, checked by; customer signature
Logo	Your own logo in the frame

YOUR TEMPLATING ROUTINE

From the operation manual.

1 · Charge
Laser head and tablet fully charged

2 · Set up
Lock the laser on the tripod, power on

3 · Measure
Shoot walls, edges, arcs and points

4 · Draw
Seams, sinks, dimensions, photos

5 · Deliver
PDF for sign-off; DXF to the CNC

ON SITE

- Press the power button on the laser; wait for the blue LED, then at least 5 seconds before starting the software.
- Mark walls that run out of square: the deviation from horizontal or vertical is printed on the drawing, which also helps when cutting on a manual saw.
- Long top or an obstacle in the way? Measure from a second position and combine the pages on a reference line you can measure in both.

IN THE SHOP

- Export DXF with processing lines only for the CNC, or everything for your CAD software.
- Set the drawing zero point when your waterjet software needs one.
- Export back-bar cutting data: by maximum bar length or in equal parts.

Steps and functions from the software operation manual.

MORE SOFTWARE FUNCTIONS.

3D Laser Template · editing, dimensions and files

EDITING TOOLS

Fillets	Sharp; chamfer with one or two distances; radius
Edit	Offset, extend, move, bend, split line, rotate, mirror, set color, undo and redo
Assist lines	Shown in yellow; never exported to the CNC

DIMENSIONS AND NOTES

Dimensions	Aligned, horizontal and vertical lengths; angles; arc radius

DIMENSIONS AND NOTES (CONT.)

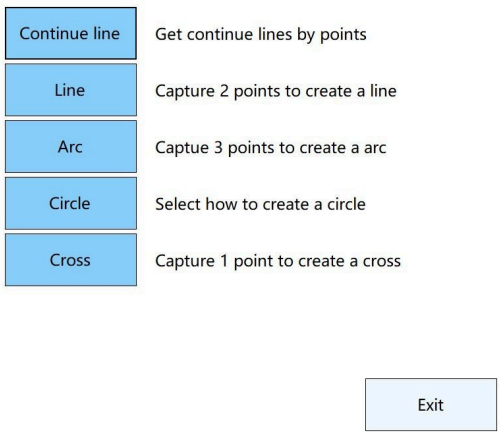
Length display	Set decimals; show angle, unit and area
Text	Free text and saved standard notes, at any angle

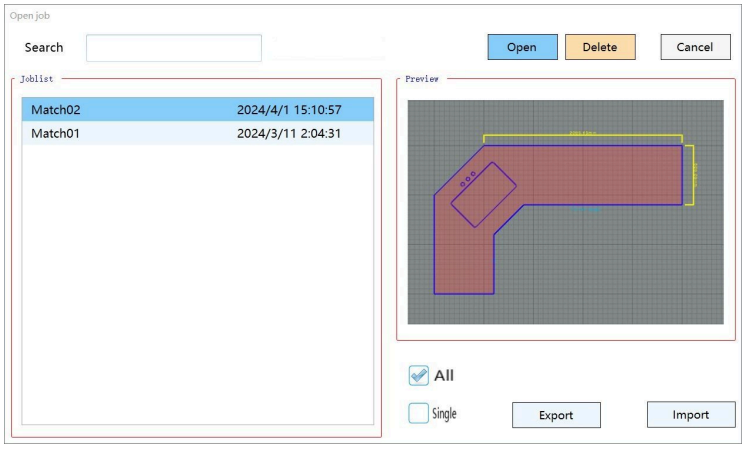
JOB FILES

Files	Open, save and save as; delete

FIVE WAYS TO MEASURE.

Pick the measure type for each edge; find any job again later.





Measure types.

Continuous line builds lines point by point; Line captures 2 points; Arc captures 3 points; Circle offers several ways to create a circle; Cross captures a single point.

Every job on file.

Search jobs by name, show only jobs after a date and preview the drawing before opening. Export all jobs or a single job to move them to another unit.

Questions, or ready for a written quotation? **+1 941-900-3018** · **sales@nextlevel.plus** · **nextlevel.plus**

Functions from the software operation manual; laser range and kit weight from factory data. Specifications and software functions are subject to change without notice. Screens from the software operation manual.