

## Used By Top Professionals Around The World

MEASURING - 10 MINUTES | EDITING - 10 MINUTES  
PROCESSING - SECONDS



The decision to move from manual to digital templating may seem both expensive and overwhelming. LPI understands this and has worked with thousands of fabricators to gradually move shop operations from sticks and glue to digital.

Rather than invest all at once in expensive CNC machines, the logical first step is the purchase of the LT-2D3D Laser Templator. That's the route that the majority of LPI's customers have taken because it doesn't matter whether fabrication is being done manually with a plotter or digitally to a CNC.



Researched, field-tested, and engineered specifically to meet the needs of most fabricators, the LT-2D3D Laser Templator so significantly increases the efficiency, accuracy, and speed of templating that it makes world-class technology affordable for any size company. Laser Templators of this quality can only be accomplished when individually built, from start to finish, one at a time.

### SPECIFICATIONS

- Accuracy:  $\pm 1\text{mm}$
- Range: up to 60m (120m diameter)
- Laser battery life: 50+ hours (20,000+ measurements)
- Construction: aircraft grade aluminum chassis, impact resistant polycarbonate housing
- Tablet: Microsoft Surface Pro 4 (31cm touch screen display)

### WARRANTY

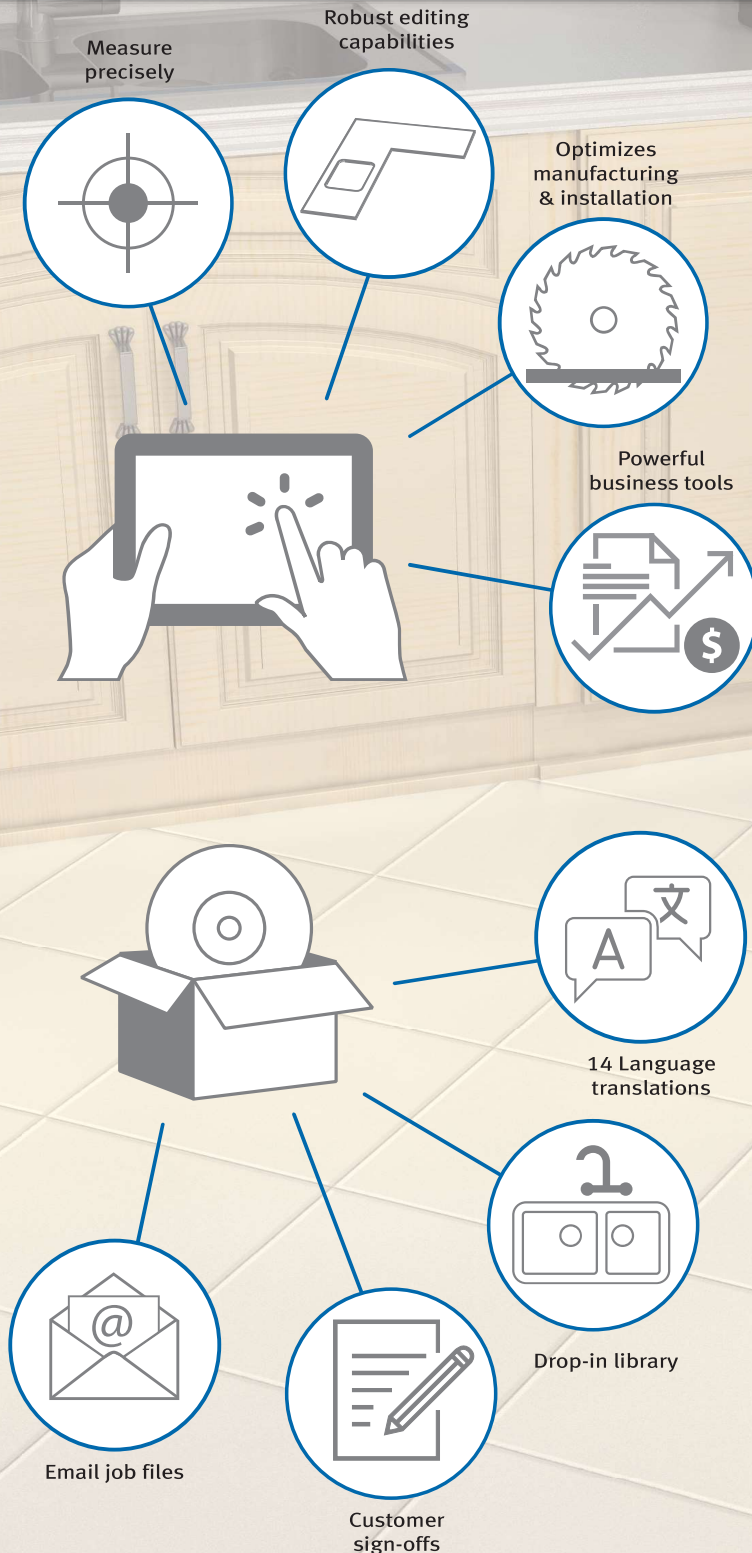
LPI offers the most comprehensive, bumper-to-bumper warranty program in the worktop and cabinet industry. Product warranties include:

- Free lifetime software updates
- Free loaners if the laser needs to be repaired (under warranty)
- Free UPS Ground shipping on all repairs/exchanges sent to customers
- Discounted training at LPI's corporate office

### EXTENDED WARRANTY AVAILABLE

### How It Works

Lasers have been used for highly sensitive measuring since the mid-1970s. This is the fundamental standard used by the scientific community and researchers all over the world. From use in particle physics, detecting the movement of atoms, to measuring the moon's orbital drift away from Earth (3.8 cm per year), to laser guidance and range calculation systems for military applications, lasers are the standard measuring tools used by professionals when pinpoint accuracy is a requirement. The LT-2D3D Laser Templator is built on these same principles. The laser module captures distances with a  $\pm 1\text{mm}$  accuracy and rotates on two encoders which provide angular measurements. Calculations of both are combined in our custom developed software and produce jobsite drawings right before your eyes.



### MEASURE PRECISELY

- Measures at the speed of light
- Consistently accurate across a wide range of distances
- Automatically converts measurements to layouts
- Easy-to-understand, non-CAD commands
- Translated into 14 languages including French, German, Polish, Russian, & Italian
- Add dimensions & references for manual fabricators

### ROBUST EDITING CAPABILITIES

- Add backsplashes, corners & curves
- Determine seam locations
- Quick Actions for frequently used functions
- Create customized library of drop-ins (sinks, corners, bump outs, electrical outlets, etc.)
- Includes tools for circular staircases, tub surrounds, & outdoor kitchens/patios

### POWERFUL BUSINESS TOOLS

- Capture photographs to document important jobsite details
- Completely paperless transaction with customer contracts, terms & conditions
- Customer signature sign-offs on jobs
- Output to DXF, DWG, ORD, XML, PDF, CSV, & JPG
- Generate estimates
- Create customized shop sheets

### OPTIMIZES MANUFACTURING & INSTALLS

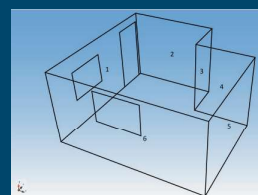
- Email files from the jobsite back to the office
- Produces readable files for any CNC, waterjet, saw, or plotter
- Maximize efficiency of slab usage
- Automatically assign edge types to distinguish between components & tool path
- Fabricate countertops perfectly scribed to back walls

### STATE-OF-THE-ART SOFTWARE

- Continuously developed & updated
- A lifetime of free upgrades

### TEMPLATEPRO

Designed for accurate 3-D measurements, like those needed by the wood/cabinetry, industrial fabric and composite/boat building industries, LPI has developed



TemplatePro for the LT-2D3D Laser Templator. This robust software requires no CAD knowledge, is easy-to-learn, easy-to-use and produces templates in minutes.





**DOCUMENT  
& MEASURE**  
10 MINUTES

**ADD  
DETAILS**  
5 MINUTES

**COMPLETE  
DRAWING**  
5 MINUTES

## DOCUMENT SITE

Photograph important job site details.

- Provide accurate references for the shop
- Limit liability for existing scratches or dents
- Single job folder for measurements & photos
- Customer signature stored for documents

## MEASURE CABINETS

Position laser. Aim and shoot.

- No need to clear or remove worktops
- Only two measurements needed per cabinet surface
- Mark centerlines for sinks, cook-tops & dishwashers
- Measure stove opening

## SCRIBE WALLS

Solves the problem that drywall is never straight.

- Measure every 10-12cm and corners
- Accounts for curves, divots & extra mud
- Perfect fit. No rework or field cuts

## ADD OVERHANGS,

### CORNERS & BACKSPASHES

A few quick clicks to add countertop details.

- Offset cabinet overhangs
- Connect corners & add radii
- Simple tap to add standard backsplashes
- Measure full height backsplashes
- Create bump-outs

## ADD DROP-INS

Quickly select and position drop-ins from our library or add your own. Includes sample:

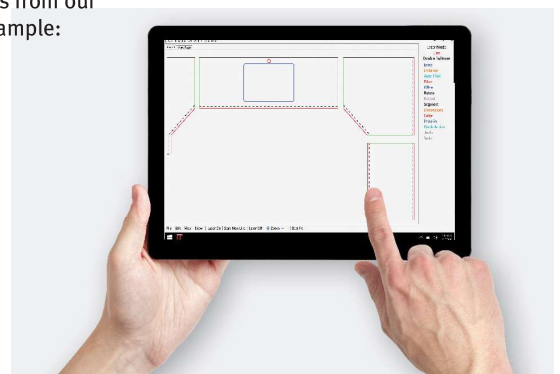
- Sinks
- Stoves
- Dishwashers
- Electrical outlets

## COMPLETE DRAWING

Software automatically draws countertops as points are measured.

- Differentiates walls, cabinets & drop-ins
- Flattens measurements for fabrication
- Area & linear foot calculated by edge type
- Provides edge type reference guide

## THE TEMPLATE IS READY FOR FABRICATION...



### SET CUTTING FEATURES

- Add seams
- Layout pieces directly on slab for estimates
- Select color & layer output to match specific CNC inputs & tooling
- Legend indicates total square & linear dimensions of worktops & edge types

### TRANSFER OR EMAIL JOB

- Shop sheets
- Job measurements
- Customer contracts
- Jobsite photographs
- Estimates

### FABRICATE COUNTERTOPS

## DIGITAL TEMPLATING BENEFITS ANY SHOP

### MANUAL FABRICATION

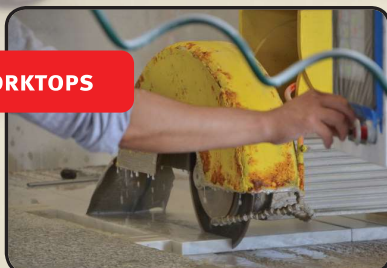
#### IMPORT TO PLOTTER



#### TRACE TEMPLATE



#### CUT WORKTOPS

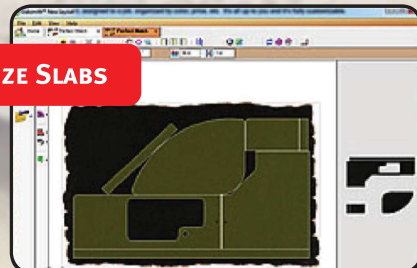


### AUTOMATED FABRICATION

#### IMPORT TO CAM



#### OPTIMIZE SLABS



#### CUT WORKTOPS

