LIGHTBURN
BETTER SOFTWARE FOR LASER CUTTERS

LightBurn 2.0 Windows Hotkey Cheatsheet

Selection & Navigation

Left-Click or drag to select
Select fully-contained objects	Drag left to right
Select all objects touched	Drag right to left
Add to current selection	Hold `Shift`
Toggle selection on/off	Hold `Ctrl`

Selection Hotkeys
Select all	`Ctrl` `A`
Invert selection	`Ctrl` `Shift` `I`
Select all items on layer	`Shift` + click on layer
Cycle through all objects	`Tab`
Cycle through all objects (reverse)	`Shift` `Tab`

Zoom
Zoom in/out around cursor	Scroll mouse wheel
Zoom to page	`Ctrl` `0`
Zoom in	`Ctrl` `=`
Zoom out	`Ctrl` `-`
Frame selection	`Ctrl` `Shift` `A`

Navigation & View
Pan / drag view	Press mouse scroll wheel
Pan / drag view	`Shift` + move mouse
Toggle wireframe / filled view	`Alt` `Shift` `W`
Exit tool	`Esc`

Help & Window Layout
Help with LightBurn	`F1`
Help with specific tools	Move mouse to tool & `F1`
Toggle side panels	`F12`
Reset layout on start	`Shift` while launching

Move / Resize / Rotate

While Dragging
Align to objects	`Alt`
Drag along 45°/90°	`Shift`
Temporarily disable snapping	`Ctrl`
Toggle selection on/off	Hold `Ctrl`

Move With Keyboard
Move selected	⬍⬌
Move in large steps	`Shift` + ⬍⬌
Move in small steps	`Ctrl` + ⬍⬌

Drag Handle to Resize
Unlock aspect ratio	`Shift`
Resize from center	`Ctrl`

Rotate Objects
Rotate 90° clockwise	`.`
Rotate 90° counter-clockwise	`,`
Rotate 45° clockwise	`Shift` `.`
Rotate 45° counter-clockwise	`Shift` `,`
Rotate 15° clockwise	`Ctrl` `.`
Rotate 15° counter-clockwise	`Ctrl` `,`
Rotate 1.5° clockwise	`Ctrl` `Shift` `.`
Rotate 1.5° counter-clockwise	`Ctrl` `Shift` `,`

Laser Setup

Laser Tools
Position Laser	`Alt` `L`
Rotary Setup	`Ctrl` `Shift` `R`
Feeder Setup	`Ctrl` `Shift` `F`

Print and Cut
Start wizard	`Alt` `0`
Set first target position	`Alt` `1`
Set second target position	`Alt` `2`
Align output to targets	`Alt` `3`
Align output to targets (no scaling)	`Alt` `4`

Drawing & Editing

Drawing
Draw line	`Ctrl` `L`
Draw rectangle	`Ctrl` `R`
Draw ellipse	`Ctrl` `E`
Create / edit text	`Ctrl` `T`
Draw from center	Hold `Ctrl` + drag
Draw equal width / height	Hold `Shift` + drag
Round corners	`Ctrl` + drag blue handle

Combining Shapes
Weld shapes	`Ctrl` `W`
Boolean assistant	`Ctrl` `B`
Boolean union	`Alt` `+`
Boolean subtract	`Alt` `-`
Boolean intersection	`Alt` `*`

Trimming & Splitting Shapes
Cut shapes	`Alt` `Shift` `C`
Trim shapes	`Ctrl` `K`
Break apart	`Alt` `B`

Node Editing
Start node editing mode	`Ctrl` `` ` ``

During node editing, hover over nodes & line segments:
Delete nodes or line	`D`
Insert node anywhere on path	`I`
Insert node at midpoint	`M`
Convert node to corner	`C`
Convert node to smooth	`S`
Break shape at point	`B`
Convert curve to line	`L`
Convert line to curve	`S`
Align selected	`A`
Trim line	`T`
Extend line	`E`

Manage Paths
Add tabs	`Ctrl` `Tab`
Offset shapes	`Alt` `O`
Convert to path	`Ctrl` `Shift` `C`
Convert to bitmap	`Ctrl` `Shift` `B`
Auto-join selected shapes	`Alt` `J`
Optimize selected shapes	`Alt` `Shift` `O`
Delete duplicates	`Alt` `D`

Image Tools
Adjust image	`Alt` `I`
Trace image	`Alt` `T`

Laser Control

Positioning
Jog laser down	`Ctrl` `Shift` `[`
Jog laser left	`Ctrl` `Alt` `[`
Jog laser up	`Ctrl` `Shift` `]`
Jog laser right	`Ctrl` `Alt` `]`
Position laser	`Alt` `L`

Other Control
Frame laser	`Alt` `R`
Rubber-band frame laser	`Alt` `Shift` `R`
Home laser	`Ctrl` `H`
Pause laser	Pause button
Start laser	`Alt` `S`
Send to laser	`Alt` `Shift` `S`
Stop laser	`Ctrl` + cancel button

Arrange

Align & Distribute
The single-key shortcuts only work while the Edit Window is focused
Align left	`Alt` `←`, `L`
Align right	`Alt` `→`, `R`
Align top	`Alt` `↑`, `T`
Align bottom	`Alt` `↓`, `B`
Align center vertically	`Alt` `PgUp`, `C`
Align center horizontally	`Alt` `PgDn`, `E`
Align centers	`Alt` `Home`
Move V-together	`Alt` `Shift` `V`
Move H-together	`Alt` `Shift` `H`

General
Group / Ungroup	`Ctrl` `G` / `Ctrl` `U`
Flip horizontal	`Ctrl` `Shift` `H`
Flip vertical	`Ctrl` `Shift` `V`
Mirror across line	`Ctrl` `Shift` `M`
2 point rotate / scale	`Ctrl` `2`
Push forward in draw order	`PgUp`
Push backward in draw order	`PgDn`
Push to front	`Ctrl` `PgUp`
Push to back	`Ctrl` `PgDn`
Measure	`Alt` `M`

File Management

Working With Files
New file	`Ctrl` `N`
Open file	`Ctrl` `O`
Import	`Ctrl` `I`
Save	`Ctrl` `S`
Save as	`Ctrl` `Shift` `S`
Save RD file or GCode	`Alt` `Shift` `L`
Export	`Alt` `X`
Print (black only)	`Ctrl` `P`
Print (keep colors)	`Ctrl` `Shift` `P`
Show notes	`Ctrl` `Alt` `N`
Exit	`Ctrl` `Q`

Editing Commands
Undo	`Ctrl` `Z`
Redo	`Ctrl` `Shift` `Z`
Select all	`Ctrl` `A`
Invert selection	`Ctrl` `Shift` `I`
Cut	`Ctrl` `X`
Copy / Paste	`Ctrl` `C` / `Ctrl` `V`
Paste in place	`Alt` `V`
Duplicate	`Ctrl` `D`
Delete	`Bksp`, `Del`

Framing & Preview

General
Square frame	`Alt` `R`
Rubber band frame	`Alt` `Shift` `R`
Capture camera image	`Alt` `C`
Preview	`Alt` `P`

Galvo Framing
These only apply when live framing on a galvo
Move graphics by 5 mm	⬍⬌
Move graphics by 20 mm	`Shift` + ⬍⬌
Move graphics by .5 mm	`Ctrl` + ⬍⬌
Scale graphics up / down	`PgUp` / `PgDn`
Rotate 15° CW / CCW	`.` / `,`
Rotate 45° CW / CCW	`Shift` `.` / `Shift` `,`
Rotate 5° CW / CCW	`Ctrl` `.` / `Ctrl` `,`