

LinkMotion Driver Software for Scanlab Boards

**LinkMotion Driver Software
Breakthrough Technology!**

Use popular Design software like

Corel Draw, Paint Shop Pro, Photoshop, AutoCAD, DolphinCAD, Bartender.....

and Simply click Print

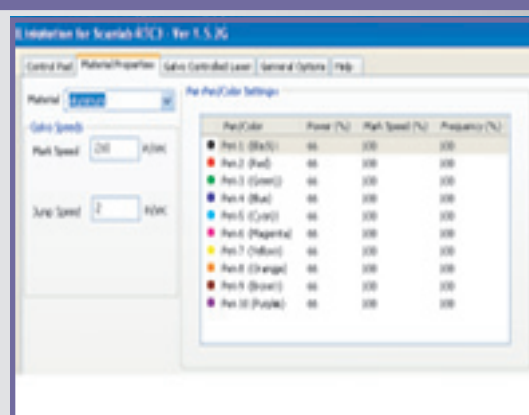
Breakthrough Technology!

Use popular Design software like

Corel Draw, Corel Paint Shop Pro, Illustrator, Photoshop,
AutoCAD, DolphinCAD, Bartender ...

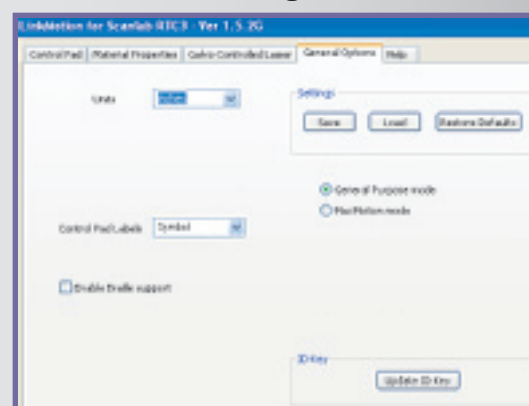
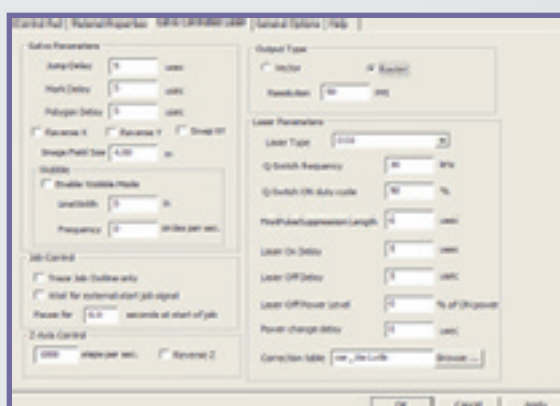
and Simply click Print

Major Features



- Real time X, Y, Z position feedback of Galvo movement is very useful.
- Direct access to Solustan web site.

- Vary Power, Speed and Frequency with color selection within the same job.
- Expandable material selection with various settings.



- Fine controls for Laser and Galvo parameters are available...
- Process Vector or Raster jobs

- Selection of inches, mm and cm available.
- Different keyboard selection and INI file saving feature available.

More Features

- Design the job in one of the popular off-the-shelf applications like Corel Draw, AutoCAD, Adobe Illustrator, and others..... Simply Print and LinkMotion will send it to your machine equipped with Galvo Control.
- No need to write and re-write customize software for future.
- Upgrading features of the driver is as easy as installing the latest version.



**Control Pad
on the Keyboard
for direct
Machine Control**

More Features

- Scanlab RTC3, RTC4 and RTC Scanalone boards are supported.
- Independent Z axis control, end of the job pulse and counter position updates available.
- Handles CO2 and YAG Laser power sources and Vector and Raster output capabilities.
- Programmable delays for Jump, Mark, Polygon, Laser on, Laser off and Power change.
- Programmable Q-Switch frequency and duty cycle.
- Enable/disable wobble mode with selectable line width and wobble frequency.
- The image can be reversed along the X axis only or Y axis only or rotated 90°.
- Raster output speeds up and simplifies job design for bar code output.
(No need to fill the barcode fonts with vector lines)
- LinkMotion can generate a signal at the end of marking a job, if required.
- The outline of a job can be traced using red indicator diode at a speed selected in the material menu. This allows easy positioning of the material for marking.
- I/O signals for Step-n-repeat type job coordination.
- A job can wait to start until an external signal is received for the job start.
- Laser OFF power level is selectable for thermal stabilization. However, Solustan recommends the Laser OFF power level to be zero for safety purpose.
- Different correction table can be selected within the structure of LinkMotion.

Available versions of LinkMotion:

Series	Name	Description
LM600	LinkMotion with USB controller from Solustan	Eliminates need for writing an application and controls CNC, Routing, Engraving, Plasma Cutting and Foam Cutting type machines
LM500	LinkMotion for Galvo based Scanlab control boards	Eliminates need for writing an application
LM400	LinkMotion for Galil, DeltaTau and DeltaTau/Laser Motion control boards	Eliminates need for writing an application for the boards
LM300	LinkMotion Virtual Controller for flat bed CO2 laser machines	Eliminates need for writing an application and machine controls are available from your computer key board
LM200	LinkMotion Virtual Controller for CNC, Engraving, and Marking applications	High quality and functions at low cost for step motor based machinery
LM100	LinkMotion HPGL or G-Code	Generates HPGL or G-Code commands for compatible controller based machinery
MM500	LinkMotion with MaxMotion	Windows XP support for MaxMotion product line

Compatibility

- Computer Configuration:** Computer with minimum processor speed of 800MHz, 512 MB memory, Windows XP with Service Pak2 and Microsoft .NET Framework 2.0, USB 2.0 connection.
- Software Compatibility:** Corel DRAW!, Corel Paint Shop pro, Photoshop, Illustrator, EngraveLab, Freehand MX, Flexi Expert, AutoCAD, DolphinCAD, AcceliCAD, Bartender, Rhino

All Trademarks and Registered Trademarks are the property of their respective owners and acknowledged.



Solustan, Inc.
165 Chestnut St. #200
Needham, MA 02492

T: 781-449-7666

F: 800-666-8789/781-449-7759

linkmotion.com or solustan.com