

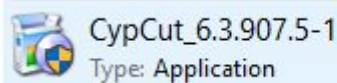
CypCut

Installation Instructions:

The MC Series Fiber Flatbed uses the software called CypCut. The software can be downloaded at www.fscut.com. Before installing, make sure your system meets the following requirements to operate the software.

CypCut System Minimum Requirement:

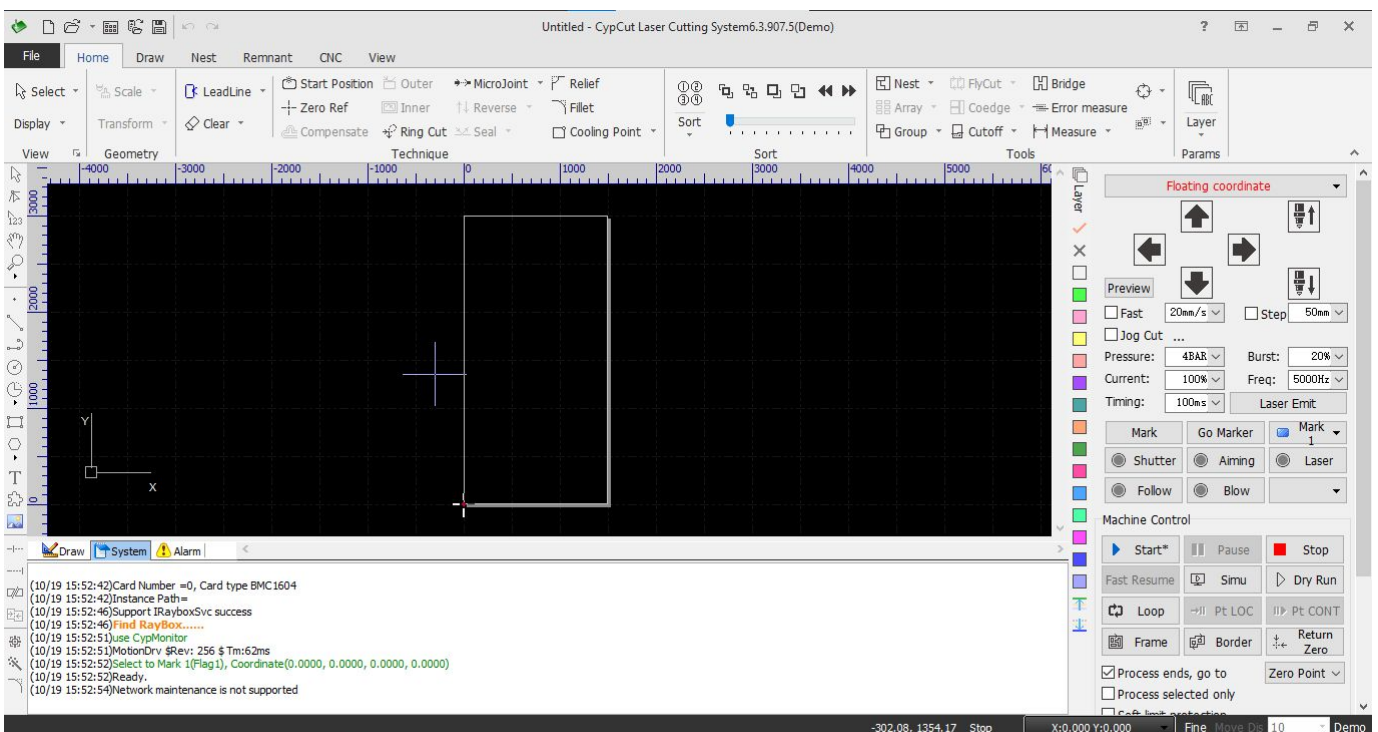
OS: Windows 7
Processor: Intel i3
Memory: 4 GB Ram
Graphics: 15-pin VGA
Storage: 73.2 MB



Follow the Setup Wizards instruction to install CypCut.



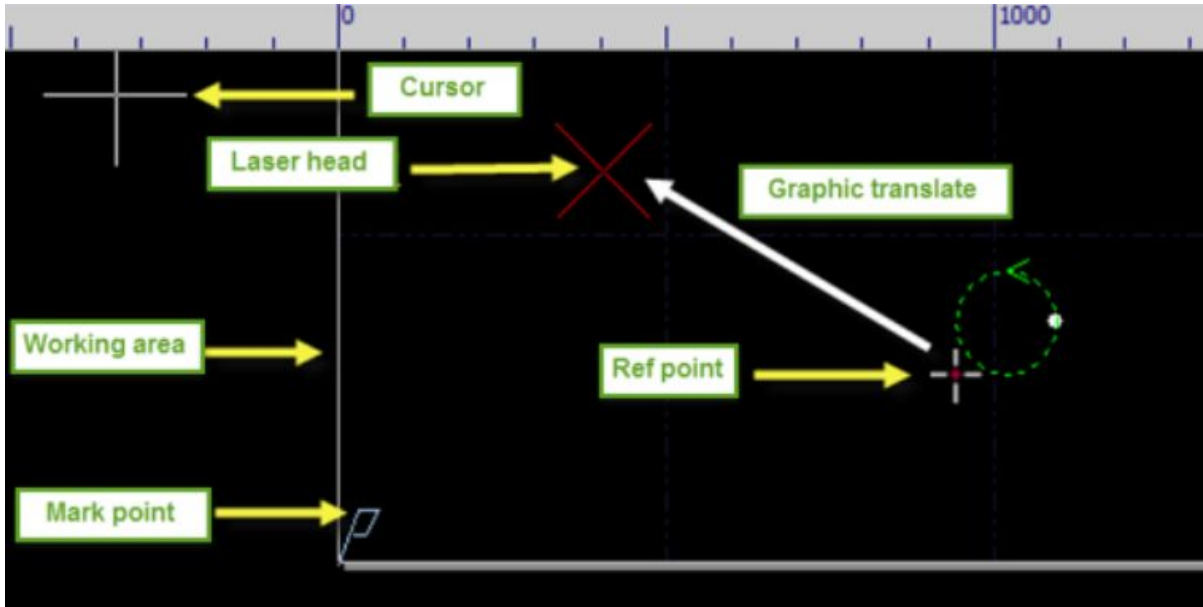
Once starting the Application it should look similar to the window below.



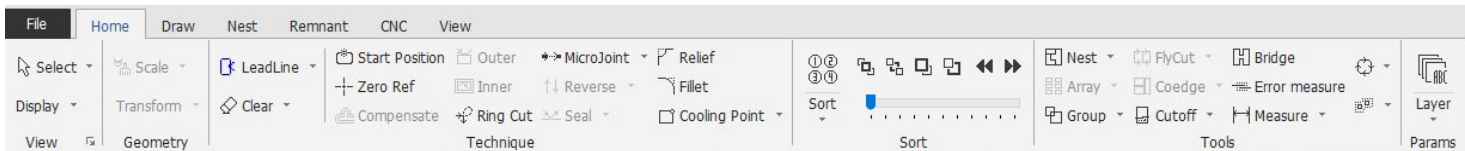
CypCut

Work Window:

CypCut display your work space at all times here. The following images will help get you familiar with the displayed icons.



Top Bar:



Tabs:

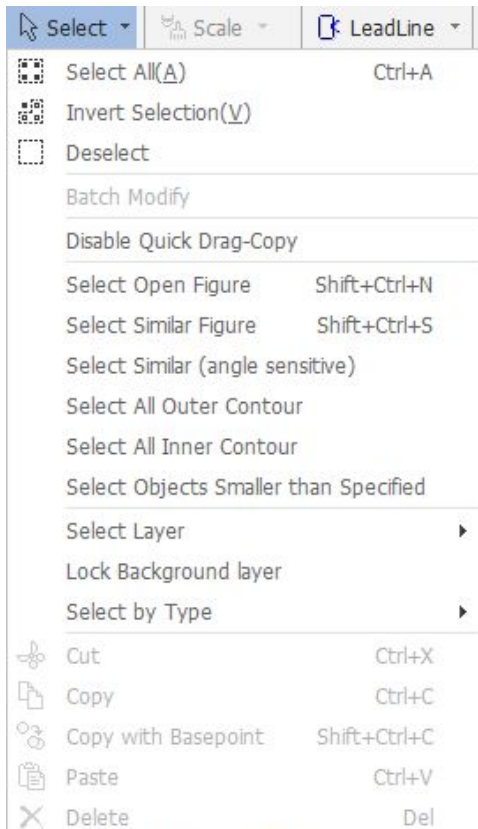
- File - Import, Export, Save, Load, and Create Files here.
- Home - Contains many scaling and design altering tools.
- Draws - Create a design using the different tools and shapes available.
- Nest - Save cutting designs here. You can also group and ungroup object.
- Remnant - Guides on how to use project remnants to get the most out of your material
- CNC - CNC settings
- View - Look and Arrange the Layers.

CypCut

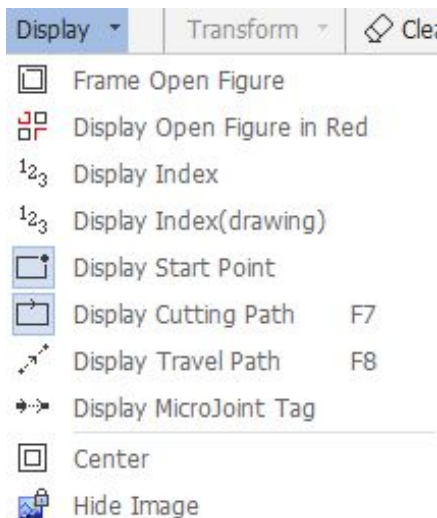
Top Bar: Part 1



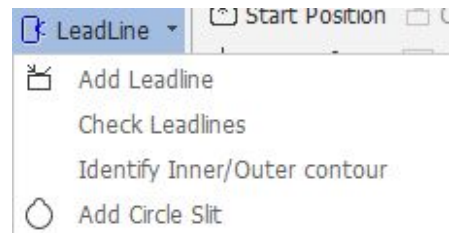
Select Options:



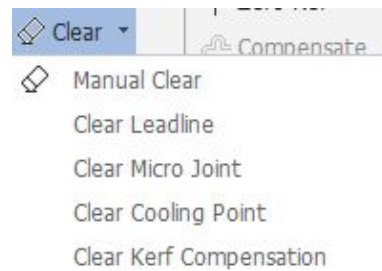
Display Options:



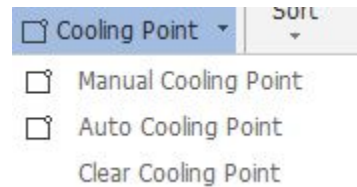
LeadLine Options:



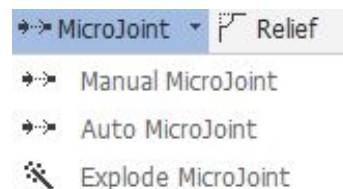
Clear Options:



Cooling Point Options:

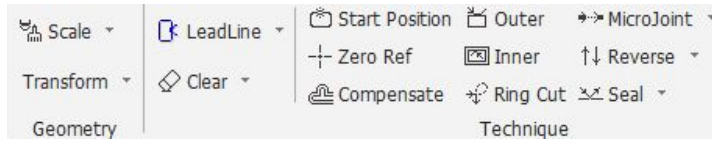


Micro-Joint Options:



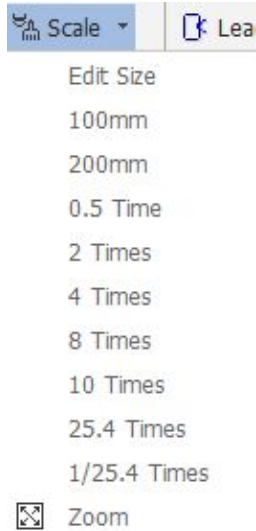
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Top Bar: Part 2



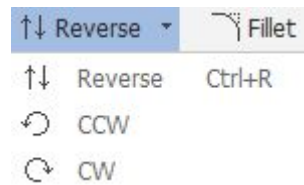
Scale Options:

Enables user to resize an image by different scales



Reverse Options:

Flip the object clockwise and counterclockwise, or reverse the process here.



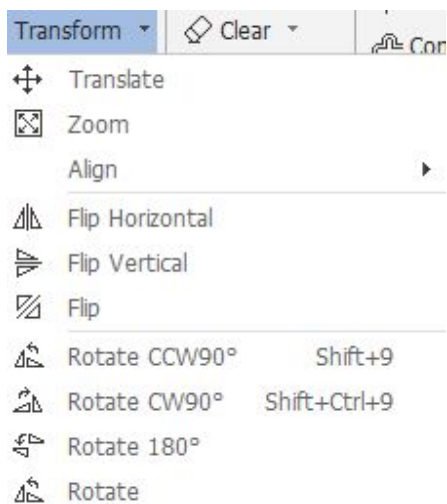
Seal Options:

The seal patterns available.



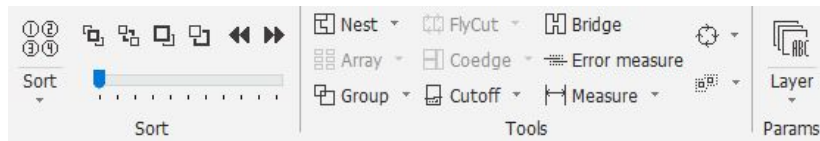
Transformation Options:

Flip or rotate your object here



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Top Bar: Part 3



Sort Options:

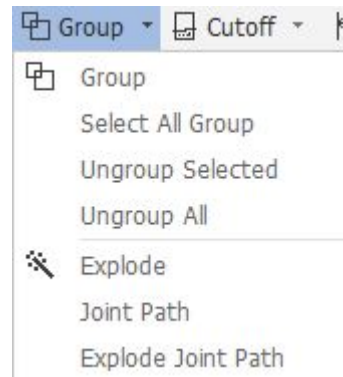


- Smart sort
- Grid Pattern
- Local Shortest Path
- Cutting Die Pattern
- Smaller Figure Prior
- Radiating Outward
- Left to Right
- Right to Left
- Top to Bottom
- Bottom to Top
- CW Circular Pattern
- CCW Circular Pattern
- Forbid direction change
- Identify inner/outer contour
- The outmost is inner contour

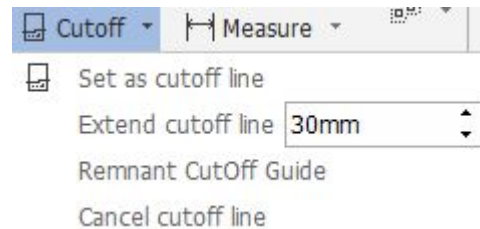
Sorting Dial:



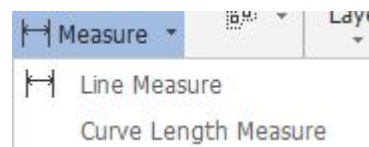
Group Options:



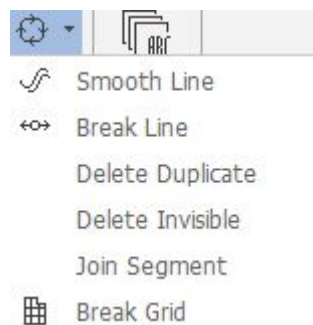
Cutoff Options:



Measure Options:

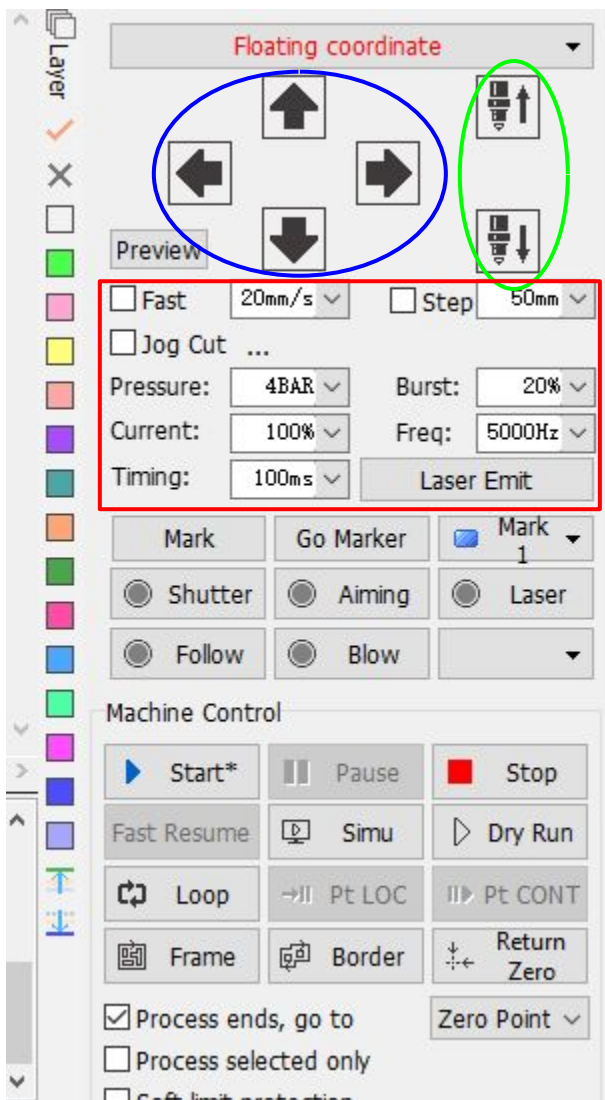


Line Options:



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Control Panel:



Jogging Controls - Moves the Laser Head Assembly along the work area.

Laser Head Controls - Moves the Laser Head Up and Down

Cutting Parameters - Parameters that can be adjusted before Running a project to obtain different results

Simu - Also known as the Simulation Button.

This button will show a simulation in the work area of how it will cut out your material

Dry Run-

Runs the project without turning on the laser head. Ideal for making final adjustment.

Start

Starts the project.

Pause

Pause the project. Selecting Start will resume where it left off.

Stop


Ends the project. Selecting start will resume project from the beginning

Loop

Repeats the project the amount of times programmed.

CypCut

Quick Bar:



Section 1

- Select
- NodeEdit
- Sort
- PanView
- Scale
 - Window Zoom
 - Zoom All
 - Machine Range
 - Selected Zoom
 - Dynamic Zoom

Section 2

- Point
- Line
- Polyline
- Circle
- Curve
 - Circle
 - 3-point Arc
 - Scan Arc
 - Ellipse
- Rectangle
- Polygon
 - Rectangle
 - Round Rectangle
 - Polygon
 - Star
- Text
- Standard Parts
- Insert Image

Section 3

- Cut and Clip
- Extend
- Segment
- Knit

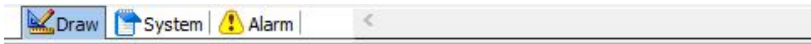
Section 4

- Center Align
- Explode
- Rounded

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Status Log:

Shows a log of previous and ongoing actions.



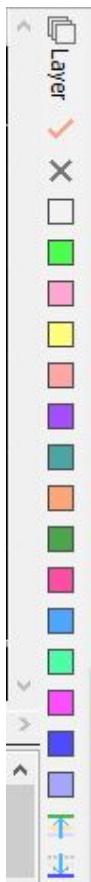
```
Command: New Circle
Please specify center:
*Cancel*
Command: New Rectangle
please specify start point: (520.8333, 1802.0833)
Please specify cross point: (947.9167, 1156.2500)
Completed
Command: Explode
```

Draw: Log of object indeed and removed from the workspace.

System: Log of system actions

Alarm: Log of system errors

Layer Tab:



The Layer Tab also you to move objects to different layers for better grouping. It's important to note that objects in the same layers will be cut out together.

For more detailed information on how to use CypCut, such as videos and tutorials, please visit <https://www.fscut.com/en/soft/cypcut/?video=true> .