

# LASER CUTTING SYSTEMS



**RADIAN**  
LASER SYSTEMS



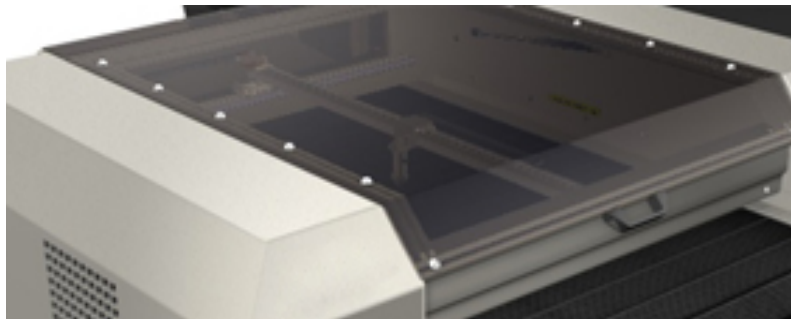
# ADVANCED FLATBED FABRIC AND MATERIAL CUTTING TECHNOLOGY

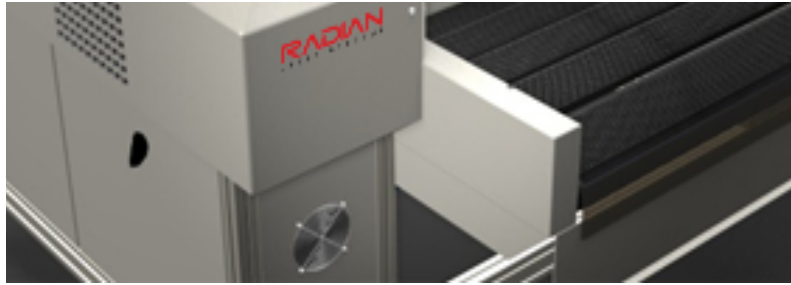
The FBXXXX series laser cutting machines are designed to handle larger format material to provide a high level of versatility and maximum production rates. By adding the optional precision conveyor and roll handling system or CAD/CAM's shuttle bed system, large quantities of production can be achieved with minimal user interaction.

The contour cut versions allow cutting while material is in motion for the highest level of productivity available today. Radian offers both liquid and air cooled lasers with power options from 30 to 250 watts.

The FBXXXX series can cut a wide variety of materials such as leather, acrylic, mdf, ply, dye sublimated fabrics, cardboard and paper. You can also engrave and raster images onto surfaces such as wood and plastic. Cutting control is so accurate you can engrave onto paper. System includes integrated air assist and vapor extraction.

REQUEST A SAMPLE OR QUOTE





### CONVEYOR UNIT

A metal moving bed designed for a variety of rolled and sheet materials or fabrics. (with vacuum and air blade option)



### SHUTTLE BED SYSTEM

The shuttle bed allows loading and unloading of materials while the laser continues to cut. This saves on loading time, ideal for a high production environment.



### MOTORIZED DE-REELER

This motorised roll handling system automatically feeds material to the cutting bed removing any fabric tension or distortion to ensure neatly loaded material and an accurate cut.



### AUTOMATIC ROLL FEED UNIT

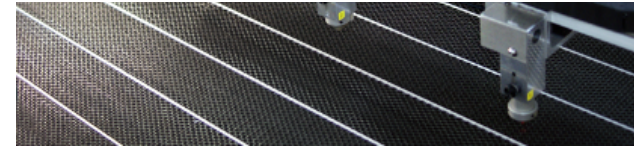
Feeds rolled material through the cutting bed. A tray beneath catches the cutouts or can be fitted with an air blade. This option is perfect for cutting large format fabrics





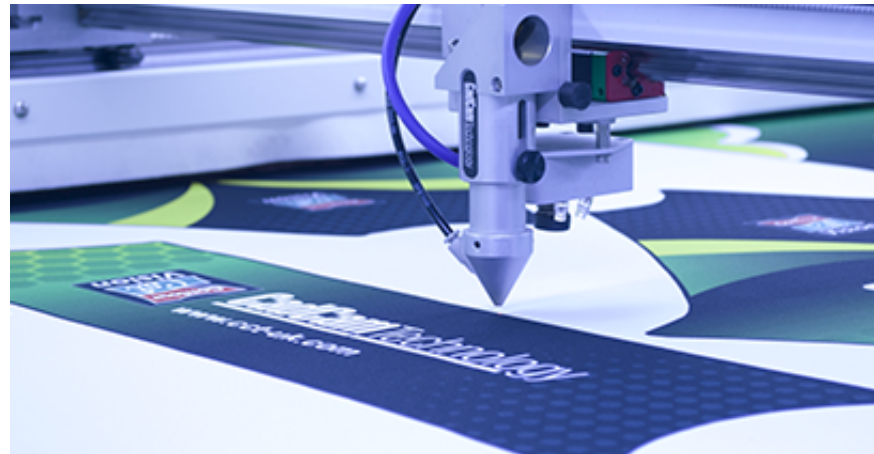
#### DUAL HEAD SYSTEM

Doubles your production speed by using two cutting heads at once.



#### FOUR HEAD SYSTEM

Increases your production time even more by using four heads at once. Ideal for repetitive patterns and high production.



#### ELECTRONIC OPTICAL SYSTEM

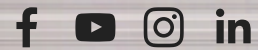
An innovative product to help streamline your production or provide a solution to problems that previously meant having to turn work away.

With our optical laser cutting system you can cut very precisely; woven, printed or embroidered badges or designs.

Our own special software continuously checks registration points in the design and automatically adjusts the pre drawn shape for distortion or rotation and will cut out your design quickly with the finest quality cut.



[REQUEST A QUOTE](#)



Finance up  
to \$250,000  
in equipment

Easy application

Get Funding

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