



**VALLOY**

ON-DEMAND PRODUCTION OF LABEL & PACKAGE  
IN RIGHT TIME, RIGHT PLACE & RIGHT QUANTITY

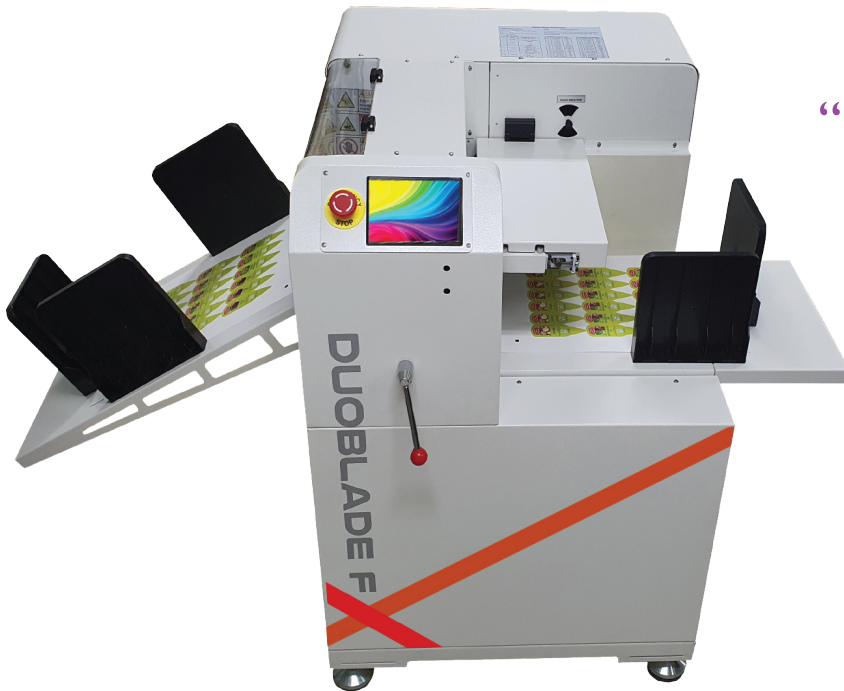


Functional eXtream

ALWAYS PERFECT  
TRUE SIMULATION

# DUOBLADE FX

Ultimate Crafting Robot, Intelligence never experienced before



“WHATEVER YOU IMAGINE,  
YOU WILL SEE MORE !”

- ✓ RICH MULTIMEDIA
- ✓ AUTO JOB CHANGE
- ✓ AUTO OPTIMIZATION
- ✓ VARIOUS CUT AT ONCE
- ✓ REMOTE CONTROL

REAL TIME FILE SYNC  
IN EMBEDDED STORAGE

AUTOMATIC FILE CONVERSION  
WITH OPTIMAL DASHLINES & NICKS

OPERATION TIME PREDICTION  
KNIFE LIFETIME PREDICTION

OPTIMIZATION OF CUT DIRECTION,  
START POINT, SEQUENCE & PRESSURE

AUTOMATIC HEAD DISTANCE CONTROL  
REGISTRATION CALIBRATION WIZARD

- ✓ **TINY NAIL STICKERS & DECO PAPER**  
Top Accuracy by "Perfect-Cut" Algorithm.
- ✓ **CCD CAMERA KNOWS WHAT TO DO**  
Automatic job change and tool control  
by reading jobs from 64GB storage.
- ✓ **SELECTIVE TOOLS IN DUAL HEAD**  
High speed cutting by using same tools  
Half-cut, full-cut, dotting & creasing at once.
- ✓ **DOCTOR INSIDE FOR ZERO-ERROR**  
Automatic self diagnosis,  
Multimedia help with sound,  
Knife change information.



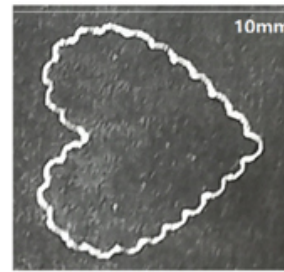
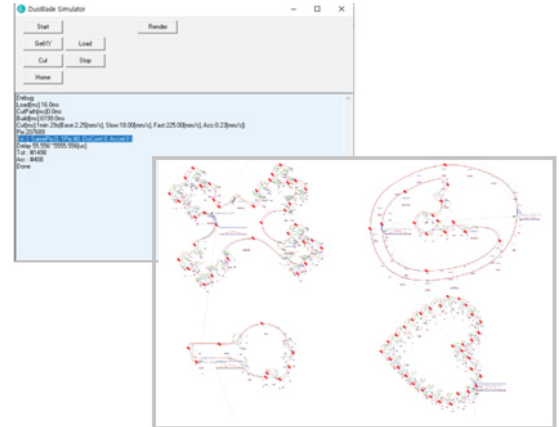


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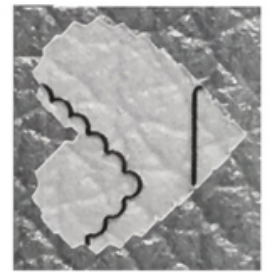


## PERFECT-CUT ALGORITHM

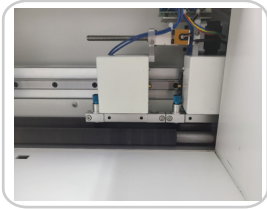
World best Algorithm to simulate true path of dragging knife with handling huge data and can generate perfectly accurate tracing path in **0.125mm** resolution using CPU and high-capacity memory embedded on the board in fast way. Cutting accuracy **0.05mm!**



DUOBLADE FX



GRAPHTEC



### DUAL HEAD

Use of 2 cutting heads for double speed Automatic distance adjustment of the cutting heads from 30mm up to 190mm. Fastest speed **2260mm/sec.** (diagonal).



### FULL COLOR TOUCHSCREEN

High speed in dual mode, Special jobs in hetero mode (half cut+full cut, full cut+ creasing half-cut+creasing or perforating).



### CCD CAMERA

High speed in dual mode, Special jobs in hetero mode, Automatic job change,

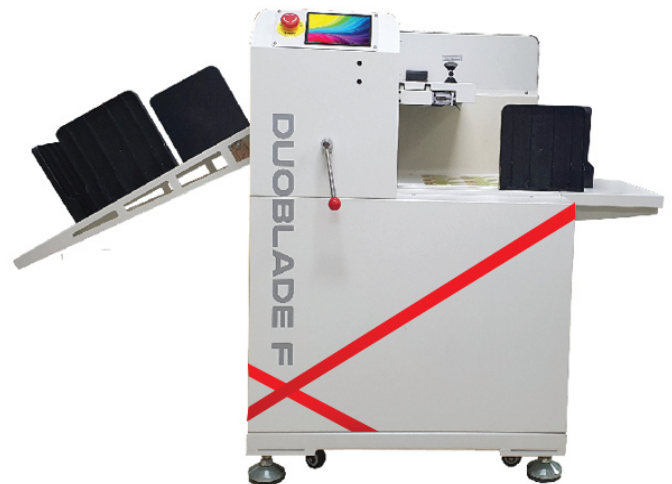


### EMBEDDED COMPUTER

possibility to storage 10.000+ jobs Computer: Raspberry PI5, 4GB RAM, 64 GB memory card (Micro SD).

## SPECIFICATION

- Max. Feeder Capacity : 1,000 sheets (for 200gsm paper)
- Paper size : Min. 210mm x 148mm, Max. 340mm x 630mm
- Cutting size : Min. 10mm x 10mm, Max. 340mm x 600mm
- Cutting speed : Max.1.500mm/s @ 0.0124mm resolution
- \* equivalent to 150~600 sheets/hr for super A3 (SRA3) size
- LCD : 900x600 resolution full color touch screen with speaker
- Registration : 4-mark calibration as default
- Blank cut : cutting without reading marks
- Cutting heads : Dual head (using the same tools or different tools)
- Languages : Korean, English, French, Spanish, German...
- CCD and Barcodes : HD USB camera with light for 10mm size QR code
- Power : 100V-240V, 1KW
- Size and weight: 820(W)mm x 703mm(L) x 1026(H)mm, 150kgs



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