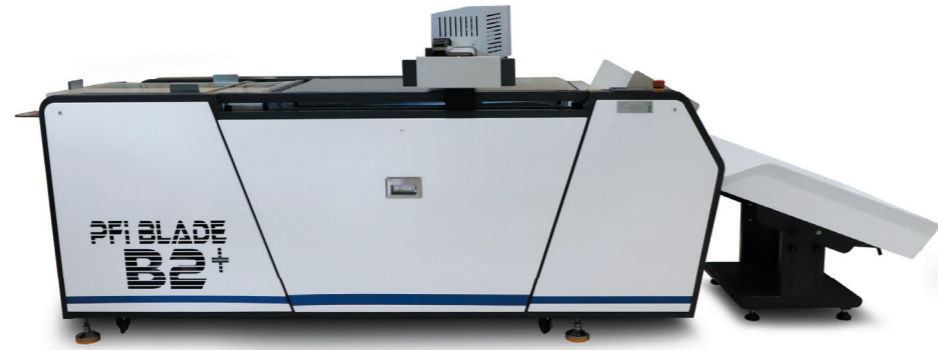


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PFI BLADE B2+ DIGITAL CUTTING TABLE

SPECIFICATIONS

AUTO FEEDER

| | |
|-------------------------|---|
| Feeder Capacity | Up to 100 mm |
| Sheet Separation | Air powered, variable jet stream separation |
| Feeding System | Vacuum fed with clamps mounted on gantry |
| Max. Sheet Size | 800mmx600mm/31"x24" |
| Min. Sheet Size | 210mmx297mm/8"x12" |

CUTTING CONTROL

| | |
|---------------------------|---|
| Tools | Rotating cut knife, kiss cut knife, Oscillating knife, creasing wheel |
| Cutting System | Digital signal platform |
| Blade | Tungsten steel |
| Productivity | 12 - 45 seconds per SRA3 sheet (depending on design complexity) |
| Max. Cutting Speed | Up to 1200 mm/second |
| Cutting Thickness | up to 6mm |
| Cutting Tolerance | ±0.3 mm |

SOFTWARE AND CONNECTION

| | |
|----------------------------|---|
| Software (platform) | Processor I5 7500 Series Dual Core or higher, Ram 4 GB or more, Hard Drive 5 GB (SSD drives recommended for optimal performance), Ethernet Port: 10/100 MB x1, PCI-E 1GB Ethernet card x1, Display: 19" LCD or bigger |
| File Format | Ai Eps Jpg Pdf Ps Dxf |
| Network | LAN |

CAMERA REGISTRATION SYSTEM

| | |
|-----------------------------------|-------------------------|
| Camera Registration System | CCD registration system |
|-----------------------------------|-------------------------|

GENERAL POWER

| | |
|--------------------------|-----------------------------|
| Voltage | 220 V, 50/60 Hz, 20 A |
| Power | 4 KW |
| Dimension (WxDxH) | 3200x1100x1100mm/126x43x43" |

Production rates are based on optimal conditions and may vary depending on stock and environmental conditions.
As part of our continuous product improvement program, specifications are subject to change without notice.
* Max sheet size w/o CCD 800 mm x 600 mm, Max sheet size with CCD 770 mm x 570 mm

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Duplo has a policy of continuous improvement
and reserves the right to amend the above specification
without prior notice

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Ref: PFI BLADE B2+ 03/21

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PFI BLADE B2+ DIGITAL CUTTING TABLE



Compact and Affordable Flatbed Cutting Solution

DUPLOINTERNATIONAL.COM

PFI BLADE B2+ DIGITAL CUTTING TABLE

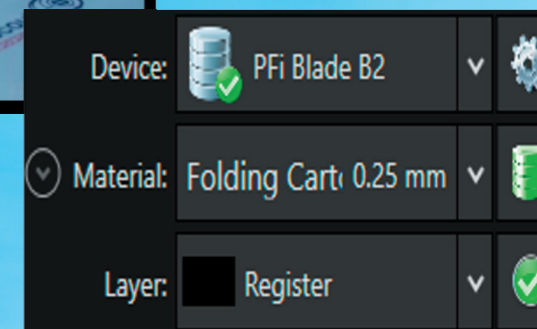


Utilising a flatbed table and digital cutting technology, the PFI Blade B2+ digital cutting table produces short-run packaging, custom-shaped cards and labels without physical dies required. The PFI Blade will cut, kiss cut and score a range of substrates including paper, laminates, adhesives and synthetic stocks up to 1000 mm per second and up to 6 mm thick. It's an affordable and versatile solution for prototyping designs and short run production.

PFI BLADE CONNECT



PFI Connect software



CCD Registration System



EASY JOB PREP AND SETUP

Create the cutting file in vector programs such as Adobe Illustrator and CorelDRAW to define the cuts, kiss cuts and scores desired. Export the cutting file in a number of supported formats, then upload it onto the PFI Connect software (PC sold separately) when the job is ready to run. Prepare the printed artwork files by adding registration marks on each corner of the sheet as well as a QR code. During operation, the CCD registration system will read the QR code and automatically pull up the matching cutting file on the PFI Connect software. It will also read the registration marks and compensate for any image shifting to ensure each sheet is accurately finished.

NO DIES REQUIRED

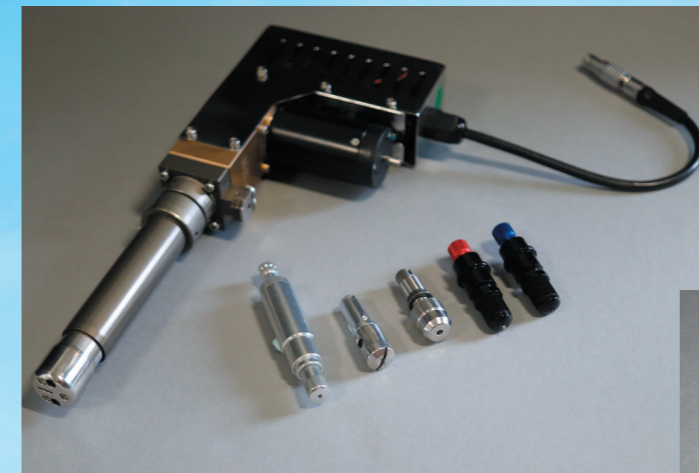
Utilising the PFI Blade Connect software, the triple tooling head follows the lines sketched on the cutting file to finish applications into any shape desired. Media is held in place on the flatbed through a suction zone, below the conveyor belt as the tooling head moves throughout the sheet.



Triple Tooling Head

STANDARD TOOLS

The PFI Blade comes included with four cutting tools and a scoring wheel, and up to 3 tools can be added in the tooling head. Set them to cut intricate shapes, kiss cut labels and stickers, and score fold lines to avoid toner cracking on packaging and folded pieces.



Feed Tray -
with Sheet Separation

AUTOMATED FEED SYSTEM

With a stack height of 100mm, the PFI Blade maintains a productive operation. Each sheet is vacuum fed with the air knife aiding in separation, then transported onto the cutting table. The feed tray elevates as sheets are fed and it can be reloaded without interrupting operation.

