

## FB8000PRO Generation 2 Frequently Asked Questions



**Question: What's the maximum sheet size I can use?**

The auto feeder can accept sheets up to 335mm x 487mm. However, if you need to cut a larger sheet you can manually place this directly onto the cutting table which accepts a maximum size sheet of 500mm x 700mm.

**Question: Does the system cut and crease at the same time?**

Yes. The FB8000PRO cuts and creases in one operation for maximum productivity.

**Question: What's the maximum thickness I can cut and crease?**

For cutting, we recommend typical usage of a maximum of 450gsm/600 micron. Naturally, this is dependent on the material being used. Technically the machine can accept up to 1.5mm thick and therefore can be used with media that is thicker but soft such as light foam board, air freshener board or some beer mat boards.

For creasing, the system uses an industry leading creasing pressure of up to 1kg (960g). This is suitable for folding box board and packaging cartons or greeting cards up to 450 micron. However it is also quite dependant on the media type as some business cards stocks (Ivory Board) are not suitable for folding so care should be taken to select the appropriate media.

**Question: How fast is the FB8000 Pro?**

Depends on the type of media and the complexity of the required cut and crease. The FB8000PRO can cut and crease an SRA3 sheet in 30-60 seconds. You can find timed examples of jobs on our speed test information sheet.

**Question: How do I create my designs?**

Cut files are produced in either Adobe® Illustrator® or CorelDRAW® so there is no new drawing programme to learn. The Intec ColorCut Pro software supplied with the FB8000PRO is a plug in, so simply create your cut layer, add the smartmarks and QR Codes instantly by the click of a button and away you go!

**Question: Can I easily cut and crease repeat jobs?**

Yes. The ColorCut Pro plugin enables you to do this very easily. In Adobe® Illustrator® OR CorelDRAW® the ColorCut Pro plugin will ADD a QR code to the side of your job file and at the same time save your job to the cut server library.

The FB8000's registration sensor will read the QR code when the sheet is placed onto the cutting belt and instantly retrieve the appropriate cutting file for the job from the QR code on the sheet.

**Question: What happens if I put mixed jobs in the feeder?**

No problem, you can set the FB8000 to check the QR code on each sheet. It will load the appropriate cutting file for each and EVERY QR code that it reads, therefore you can place a random mix of jobs and all will be cut correctly. In addition, if a sheet is placed into the cutter in the wrong orientation then the cutter will be able to determine this from the QR code and auto rotate the cutting file to ensure ALL sheets even rotated sheets cut correctly.

### **Question: How many sheets can I cut?**

The FB8000 auto sheet feeder will accept up to 25Kg of media or a stack height of 225mm. This is roughly 2,000 sheets of 100gsm paper or over 750 sheets of 400 micron folding box board. The feeder can be set to cut a single sheet, a set number of copies or 'Continuous mode' where it will keep cutting all sheets until the feeder is empty.

### **Question: Can I use any type of media and can it be laminated?**

The FB8000 feeder was designed to enable you to use the widest range of media. The FB800 Pro Generation 2 has 4 suction pick up fingers enabling even tricky gloss laminated stocks to be handled perfectly. In addition an adjustable air blade applies a blast of air into the front of the sheet stack at the point of pickup which helps separating difficult or static prone sheets. Stainless steel fingers hold down any sheets that have a tendency to lift and finally an air pulse forces any loose sheets back into position. All of the above processes are adjustable to ensure your media, even difficult media such as laminated sheets can be handled quickly and easily.

### **Question: Can I cut stickers and labels (Kiss Cut)?**

Yes. There are two tools on the FB8000, they can be used to crease and cut. The cutting tool can be set for Cut through or Kiss-Cut. In addition you can actually fit blade holders (cutting tools) to both positions enabling you to set one tool to Cut-through and the other to kiss cut. This is ideal for applications where part of the sheet needs to be kiss cut while the remainder of the sheet needs to be cut through (A range of blades are supplied with the FB8000 Generation 2, and 3 different fine blades are included for Label media).

### **Question: Can I apply perforation cuts or add tabs (so cut elements don't fall out)?**

Yes. All of these functions are available and easy to apply.

### **Question: How is the sheet held in position during cutting?**

The FB8000 Pro Generation 2 has a dual zone vacuum system that is generated by a powerful 750W vacuum pump (included). In normal mode the entire cutting table has vacuum applied, however for difficult sheets or lightly curled sheets more vacuum may be necessary. In this case users can select mode 2 (Focused mode) where the entire 750W vacuum is focused on only the auto feed area and this ensures difficult sheets lay flat and in position.

### **Question: How accurate is the system?**

The FB8000PRO Generation 2 incorporates a high speed Vision3 CCD camera registration system. The Vision3 system accurately locates the page registration marks, adjusting for job position on the cutting table and also any print scale, skew or rotational issues instantly adjusting and adapting your cut line for perfect cutting. The Vision3 CCD camera also reads the QR code and retrieves your cut file from the job library.

### **Question: What accessories are supplied?**

The system comes complete with all items you need to start using the system including:

- ColorCut Pro software, with 2 licenses for use on 2 separate computers (PC and/or Mac)
- 750w Vacuum system (for the vacuum bed – sheet hold down)
- Air compressor (for the auto-sheet feeder)
- Dual head creasing tool for Wide creasing - papers and Narrow creasing – laminated media
- Blade holder to insert required blades for cutting
- 9 assorted cutting blades comprising of; 3 x kiss cut blades at 30°, 45° & 60° (0.9mm blades) plus 3 x 45° circlip industrial cutting blades and 3 x 60° circlip industrial cutting blades (1.4mm)
- Calibration pen tool

### **Question: How long do the blades last?**

The life of the blade depends very much upon the settings you use and the substrate being cut. A well-adjusted blade on a typical 335 micron folding Box board can last up to 2,000 sheets per blade.

However, it should be noted that there are a number of factors that can influence blade life such as; the adjustment of the blade (a poorly adjusted blade with too much blade extended will blunt quicker on the cutting mat) or the media used. Thicker, laminated, metallic or hard polyester based materials may reduce the life of the blade.

However 9 blades are supplied with the system which provides a good period of production before additional blades are required. Blades are not expensive and start at £79 for a pack of 3 (£26 each).

**Question: What options should I consider and why?**

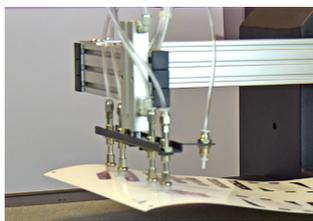
The FB8000 is supplied with everything you need to get going, however there are a few options to consider that may make life easier.

If you plan to switch between cutting through CARD items and labels you will need to adjust the blade depth. To avoid this you can purchase an additional Blade Holder, this way you have one ready for kiss cutting labels and the other ready for cutting through card. This will help you significantly by increasing productivity.

Another popular option is the Intec ColorCut Pro Job server. This is a separate Workstation in an ergonomic stand which can be positioned next to your FB8000. All files created by the graphic designers are generated and sent to the ColorCut Pro Job server allowing them to continue designing new jobs whilst the operators use the Standalone ColorCut Pro Job Server workstation to start the cutting and production of your jobs (ideal where the person finishing or cutting jobs is not the graphic designer).



Auto feeding flatbed cutter



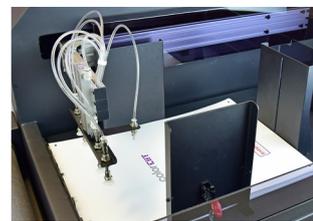
Synchronised feeding



QR code reading file retrieval



Dual tool head 1kg force



High capacity stacker