

# Duplo

## SAVE TIME

## REDUCE COSTS

## IMPROVE EFFICIENCY

### BRING MORE EFFICIENCY TO YOUR FINISHING

**Easy to use and fully automated, the DC-20K system follows Duplo's 'load it and leave' approach, freeing operators to focus on other jobs.**

The DC-20K System reduces bottleneck from:

- Small short-run jobs
- Jobs requiring multiple cuts
- Jobs requiring other finishing such as creasing and perforating

Part of our Duplo Multifinisher range, our DC-20K B2 Cutter Creaser System will enable print companies to:

- SAVE TIME:** remove manual touchpoints
- IMPROVE EFFICIENCY:** free staff to focus on other tasks
- SAVE COSTS:** One operator can handle both digital print and finishing.

By removing the bottleneck to production and physical effort required when relying on a guillotine to finish printed sheets or prepare them for a further step if finishing, it enables you to free up staff and redeploy them to other tasks.



### MAKE SHORT RUNS MORE VIABLE

The DC-20K has optional modules to tackle a wide variety of applications, plus ensure that you are optimising your finishing. In addition the DC-20K retains the ability to continue to accept SRA3 format sheets.



# Duplo

## DUPLO DC-20K B2 Cutter Creaser System

**The DC-20K enables the commercial print provider to benefit further from the productivity advantages possible when using the B2 cutsheet format on the latest digital presses. A system that removes the guillotine bottleneck and brings flexibility and automation to your finishing operation.**

Engineered to remove complex manual processes, the system can

**Reduce production costs**

**Increase productivity**

**Enable more jobs to be routed through B2 presses**

**Save time and costs by removing the need to guillotine**



### VERSATILE

**Versatile, the DC-20K will adjust automatically to accommodate a wide range of jobs, bringing the flexibility of its B3 format DC systems to the B2+ cut sheet size.**

Systems created for finishing work from offset print are designed for long runs at fixed sizes, but the attraction for digital presses is that they suit shorter run lengths, quick turnarounds, personalization, and just-in-time manufacturing. Duplo offers a B2 multifinisher capable of handling a wide range of jobs automatically.

From smaller than a business card, to 750mm long, any variation in print is handled firstly by a camera in the B2 cutter, which automatically adjusts for any skew. Then again by a second camera to ensure the tools are correctly aligned with the print.

Cut, Crease and Perforate in one system.

### SAVE TIME WITH OUR GREEN BUTTON TECHNOLOGY

**Intelligent and intuitive, the DC-20K B2 Cutter Creaser system allows one operator to be quickly trained and run the complete system**

Programming of complex jobs is made easy by the operator GUI, which will calculate the most efficient layout for the job and help guide prepress staff to select whether to use portrait or landscape format.

The latest B2 digital presses still enable the commercial printer to offer reduced delivery time, reduced stock holding, the flexibility to make updates and changes at short notice, and 1:1 personalisation. A B2 digital press with B2 finishing enables a wider range of print products and new business opportunities.

The DC-20K B2 Cutter Creaser System has been engineered to help print providers produce a wide variety of jobs quickly, efficiently, and with no manual intervention.

It can be used to address many different requirements.

Come and talk to us to find out what DC system is best suited for your needs.



# Duplo

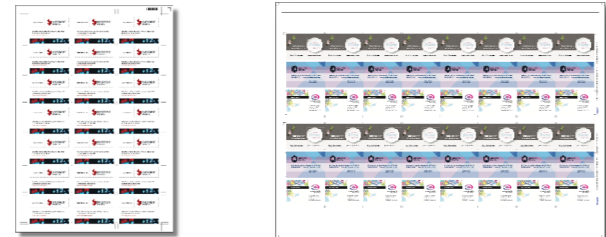
The DC-20K system further enables Duplo to bring our automated slitter/cutter/creaser expertise into B2+ finishing. By making operational efficiency at the core of the solution, it is designed to complement your wider growth strategy, enabling more jobs to be routed through your B2 press, saving time and work by removing guillotining, thereby reducing production costs and increasing productivity.

## APPLICATIONS

### Business Cards

21 / SRA3. B2 = 48 / sheet. 15% more

Cutting



### Greeting Card

2 / SRA3 sheet. B2 = 6 / sheet = 50% more

Cutting and rotary score



### A4 landscape Brochure

Not possible on SRA3, demonstrating the broader range of applications possible by printing on this larger format. 6 page leaflets, book jacket covers, etc. all become possible with B2.

Cutting / creasing / cross perforation / strike perforation - forming an extra flap including integrated business card



### A6 folded leaflet

4 / SRA3 sheet. B2 = 9 / sheet = 12% more

DC-20K cuts sheet unequally into one piece of 3 and one piece of 6, using all of the available tools to process each partial sheet as efficiently as possible.

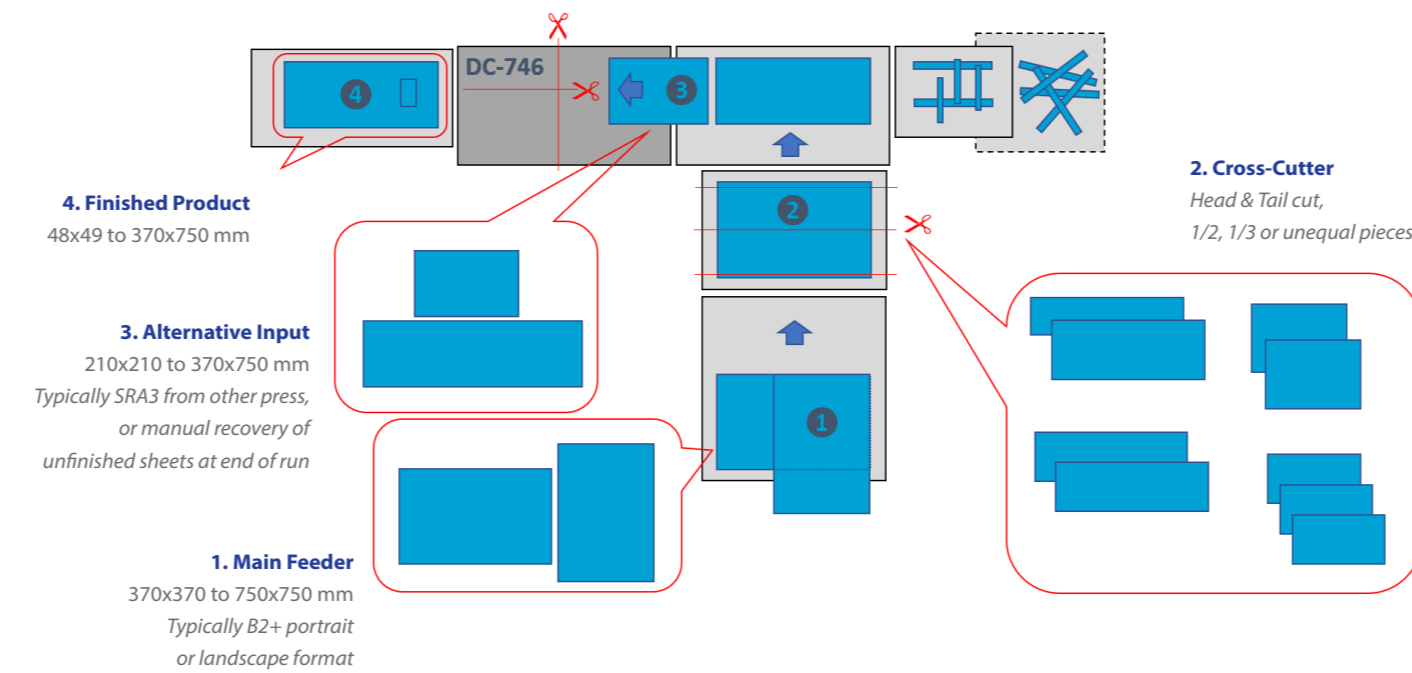
Cutting / creasing



## SPECIFICATIONS

SYSTEM		DC-746	
<b>In-feed Paper Size</b>	Min: 370 x 370 mm Max: 750 x 750 mm	<b>Paper Size In-line from B2 Cutter</b>	190 to 370 Width 370 to 750 Length
<b>Paper Weight</b>	110 - 400 gsm (350gsm scoring & creasing)	<b>Paper Size Direct Loading to Feed Tray</b>	210 to 370 Width 210 to 750 Length Capacity 70 mm
<b>Feed Capacity</b>	254 mm	<b>Finished Size</b>	Min: Width 48 x Length 49* mm * 28mm extended specification Max: 370 mm x 670* mm Length * 750 mm extended specification
<b>Print Skew Tolerance</b>	Automatic adjustment +/- 1.0°	<b>Slitter Module (option)</b>	Two slitter tools (Max = 8 slits)
<b>Job Memories</b>	80	<b>Rotary Tool Module (option)</b>	Two tools (types as CTM) plus Score tool : 110 - 350 gsm
<b>Receiving Capacity :</b>		<b>Cross Tool Module (option)</b>	Perforation tool 15tpi : 110 - 350 gsm Micro-perf. tool 25tpi : 110 - 180 gsm Slit-score tool : 270 - 350 gsm
<b>Tray (long pieces)</b>	150 mm		
<b>Business Card Stacker</b>	90 mm		
<b>Conveyor (pieces &lt;200mm length)</b>	Continuous unloading		
<b>Footprint</b>	7060 mm Width (plus waste bin) 2360 mm Depth		

SPEED		
FORMAT	B2/HOUR	FINISHED ITEMS/HOUR
<b>A6 x 16</b>	450	7200
<b>A5 X 9</b>	360	3240
<b>A6 greetings card/ leaflet x 8</b>	234 Crease 390 Score	2100 Crease 3480 Score
<b>A5 greetings card/ leaflet x 4</b>	420 Crease 534 Score	1680 Crease 2136 Score
<b>A4 greetings card/ leaflet x 2</b>	480	960
<b>Business card x 48</b>	402	19,296



# Duplo DC-20K

B2 Cutter Creaser System



WWW.DUPLINTERNATIONAL.COM

UNLEASH  
PRODUCTIVITY

Duplo International Limited  
Automated Precision House  
Hamm Moor Lane  
Addlestone  
Surrey KT15 2SD

Tel +44(0) 1932 263 900  
Fax +44(0) 1932 263 901  
info@duplointernational.com  
www.duplointernational.com

Duplo is a trade mark of the Duplo Corporation.  
Duplo has a policy of continuous improvement and reserves the right to amend the above specification without prior notice.  
Production rates are based on optimal operating conditions and may vary depending on stock and environmental conditions.



Ref: DC20K/0922

IT'S NOT FINISHED UNTIL IT'S DUPLO.