

## Specifications

<b>Speed:</b>	25ppm ( A4 LEF 2 cut & 1 crease)
<b>Operation:</b>	Multi-language windows based PC controller software and control panel
<b>Job Memories:</b>	80 Unlimited memories on PC Controller
<b>Feeder:</b>	Capacity 100mm Air knife plus vacuum separation, skew adjustment
<b>In-feed paper size:</b>	Width 210-370mm Length 210-670mm (999mm*)
<b>Minimum finished size:</b>	Width 48mm Length 50mm**
<b>Paper weight:</b>	110-350gsm
<b>Tolerance:</b>	+/-0.2mm
<b>Slits (length of sheet):</b>	Six (standard) Eight (with the optional module)
<b>Slitter details:</b>	Side margin slit width: 3.2-55mm Gutter slit width: 5-15mm > 15mm delivers to stacker
<b>Creases:</b>	Max. 20 per sheet
<b>Cutter (cross knife):</b>	Max. 25 per sheet
<b>Cutter details:</b>	Lead edge margin: 3mm (0.1mm*) Gutter cut between cards: 3mm (0.1mm*) Trail edge margin: 5.0mm (0.1mm*)
<b>Receiving stacker:</b>	140mm
<b>Card stacker capacity:</b>	60mm
<b>Noise level:</b>	Less than 80db during a continuous operation
<b>Power:</b>	230 VAC 50/60Hz 1.9A 400W
<b>Weight:</b>	285kg

\* Extended specification

\*\* 28mm minimum length is possible but may affect accuracy.

## Optional Modules

<b>Rotary Tool:</b>	Minimum distance between tools 48mm Accuracy +/- 0.2mm
<b>Slitting:</b>	Minimum distance between tools 48mm Accuracy +/- 0.2mm
<b>Cross Perforation:</b>	Max. 20 per sheet Minimum distance between perforations 0.1mm

### Rotary Tool Module

<b>Document weight:</b>	Perforation tool 15tpi: 110-350 gsm Micro perforation tool 25tpi: 110-180 gsm Score tool: 110-350 gsm Slit-score tool: 270-350 gsm
<b>Module weight:</b>	8.0kg

### Cross Perforation Module

<b>Document weight:</b>	Perforation tool 15tpi: 110-350 gsm Micro perforation tool 25tpi: 110-180 gsm Slit-score tool: 270-350 gsm
<b>Module weight:</b>	7.0 kg



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Production rates are based on optimal operating 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.



Ref: 646PRO/01/14

# DC-646

## SLITTER/CUTTER/CREASER

THE FOUNDATION FOR SMARTER FINISHING

**Speed of up to 30 sheets per minute**  
**Automatically positioned tooling**  
**8 slits, 25 cuts and 20 creases in a single pass**

*Direct mail, Menus, Business cards, Post cards, Greeting cards ,*



One look at the powerful, heavy duty build of the DC-646 is enough to reveal its innovative design and efficient dynamics. Together with its high-quality and motorised tooling, it is the most versatile finishing system available in the market today. The result of analysing the current market trends and anticipating future demands of digital printers, the DC-646 is the perfect solution for a mid to high volume digital printer.



#### **Advanced Feeding Mechanism. Superior Air Management System.**

The DC-646 has a unique feeding mechanism for precise and accurate feeding. This reduces the risk of damaging the printed sheet by using a combination of multiple air vents to lift and separate the sheets from the top of the 100mm high capacity unit. The top sheet is picked up and fed by vacuum using a super wide feed head and registers to a side lay that is adjustable for image skew.



#### **Intelligently designed. Intelligently integrated.**

The feature rich DC-646 is a guillotine, creaser and a perforator in one highly efficient and compact footprint. Not only does it save on labour, time, space and the cost of purchasing 3 machines, it also dramatically reduces the multiple handling of printed sheets from one machine to another.



#### **Exhilarating experience. Ease of operation.**

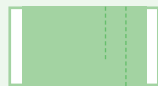
#### **Finishing Process**



Feeding



Slit



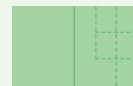
Cross-Perforation



Perforation



Crease



Cut



Stack



Option modules



Advanced feeding



### All new design. Packed with advanced technology.

The DC-646 comes equipped with a marginal slitter module, 2 centre slitter modules, a creaser tool and a cross knife tool, as standard. Add further optional modules and it can perf, slit-score, micro-perf/score in both directions and skip perf multiple times, all in a single pass. This enables operator to produce up to 8 slits through the length of the sheet, 25 cross-cuts and 20 creases in a single pass.



### Slitting Modules

Each slitting module comes with a pair of independently controlled slitting tools. The operator can produce up to 21-up full bleed business cards on SRA3 without the use of an additional business card module.



### Rotary Tool Module (RTM)

The RTM offers two independently controlled tools which allow users to easily switch between combinations of scoring, perforating, micro-perforating and slit-scoring. In addition, the RTM has the ability to automatically raise and lower the tools, creating a non-continuous strike or skip perforations along the sheet.



### Cross-Perforating Module (CPM)

The CPM can perforate across the width of the sheet. It can automatically raise or lower the tools creating variable cross-perf along the sheet. Users can also switch between micro-perforation, perforation and slit-score. The CPM can be programmed to create a wide variety of perforation patterns without ever changing the tool.



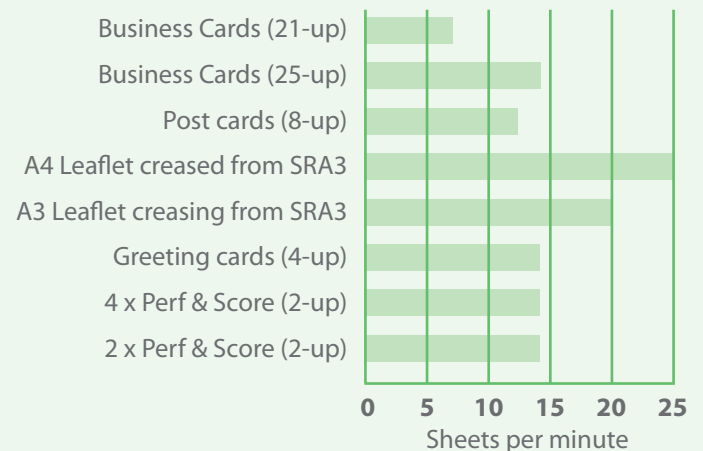
### Brilliant Design. Open Architecture

When designing the DC-646 Duplo wanted to ensure that it minimizes operator intervention and system downtime. The DC-646 therefore has an open architecture to prevent any clogging. The waste from the sheet passes through to the large bin to allow longer runs between unloading. Additional modules are neatly stored on hangers on the outer body of the DC-646. This will not only increase the life of the modules but also keep your finishing room organised and tidy.



### Applications have never been so easy to create. And of course finished.

### Speed Chart



Large waste bin



Card staker