THE SMART PRINT FINISHER

DC-646iPRO

The **DC-646iPRO** is a guillotine, a 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 three separate machines, it also automatically reduces the multiple handling of printed sheets, from one machine to another.

RECOMMENDED FOR

- **Medium to high volume digital printers**
- **Short run, high number of jobs**
- **Near-line to digital press**

FEATURES & BENEFITS

Easy to use
- PC controlled for ease of use
- Automated job setup from barcode
- No dedicated operator
- Reject tray for continual running

Precision
- Registration mark compensates for image drift down & across the sheet
- Image stretch and shrinkage compensation

Flexibility – down & across the sheet
- Perforation
- Micro-perforation
- Skip perforation
- Scoring
- Slit-scoring

Reliability
- Dependable sheet feeding
- Open design for easy jam clearing
- Integrated bin for waste collection

Up to 8 slits, 30 cuts and 20 creases in a single pass

Up to 30 sheets per minute

Swappable modules

100mm feed capacity

Card stacker for small finished applications

JDF compatible

Integrated Folding system

SPECIFICATION

Paper weight	Minimum: 110gsm – Maximum: 350gsm
Paper size	Minimum: 210mm x 210mm Max: 370mm x 999mm
Finished size	Minimum: 48mm x 28mm Maximum: 370mm x 999.9mm
Dimensions	Height: 1110 mm, Width: 2510 mm Depth: 1005 mm

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COMPARISON CHART

Function	DC-616 PRO	DC-646i PRO	DC-746
Speed: SRA3 Business Cards (21-up)	4.4	7.5	18
Speed: A4 to A5 Leaflets	9.6	25	35
Speed: 4up Greetings Cards	6.7	14	30
Max Sheet Length (mm)	999.9*	999.9*	999.9*
Max Sheet Width (mm)	330.5	370	370
Min Finished Size (mm)	48 x 45*	48 x 28*	48 x 28*
Min Paper Weight (gsm)	110	110	110
Max Paper Weight (gsm)	350	350	350
Business Card Module	N/A	N/A	N/A
Max Creases	20	20	20
Crease Depth Adjustment	Push-button	Push-button	Push-button
Perforation Positioning	Manual	Automatic	Automatic
Part Perforation (strike/skip)	No	Yes	Yes
Perforation: Max Paper Weight (gsm)	300	350	350
Simultaneous Creasing and Perfing	Yes	Yes	Yes
Tool-less Changeover for Perforating	No	Yes	Yes
Feed Capacity (mm)	100	100	150
Tool-less Air Blow Adjustment	Yes	Yes	Yes
Double Sheet Detection	Ultrasonic‡	Ultrasonic‡	Ultrasonic‡
Programming	PC Controller	PC Controller	PC Controller
Memory (jobs)	80 + PC	250 + PC	250 + PC
Automatic Barcode Job Recall	Yes	Yes	Yes
Image Registration Detection	Across & Down	Across & Down	Across & Down
Image Shrink Compensation	Yes	Yes	Yes
Business Card Stacker Capacity	500 cards	500 cards	500 cards
Stacker Full Sensor	Yes	Yes	Yes
Job Pause for Business Card Stacker	Yes	Yes	Yes
Minimum Gutters (mm)	5	5	5
Maximum Size of Trail Edge (mm)	Any	Any	Any
Integrated Folding System available	No	Yes	Yes
Net Weight (Kg)***	150	285	555

*   Extended Feature

**   Max speed possible. In the user manual, Uchida recommend that heavy weight stocks are not run at high speeds. Typically, these are run at half speed.

***   As with guillotines, a solid construction is imperative to ensure that movement and vibrations do not compromise quality

‡   Unlike light sensors, Ultrasonic sensors are impervious to stock grades, weights, density and colour coverage. The Aerocut measure s the sheet length, if it detects a longer sheet, it assumes a double feed

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