

SPECIFICATIONS

Constant advances in technology and trends in the wider society, make today's print environment a challenging place, where the printer that stands still is soon overtaken by the competition. Duplo's range of slitter/cutter/creasers have become the ideal solution to a wide range of these challenges, perfectly complementing the finishing needs for cut sheet digital colour print. The DC-648 delivers new levels of speed, durability, and versatility, together with increased automation, ease of use and connectivity into the user's workflow, creating efficiency that brings multiple benefits across the customer's business.

Automated Precision lies at the heart of the DC-648; not only in the ability to set up and manage jobs without operator intervention, but also in the integration with pre-press workflow that ensures jobs are created efficiently and accurately, first time. This is further enhanced by supporting the Industry 4.0 initiative, collecting and

sharing production data with the customer's MIS. These tools create efficiency and drive down waste, increasing sustainability.

Ease of use is an essential feature for any printshop and the DC-648 has the capabilities for anyone in the workforce to easily create and manage jobs, reducing dependency on key personnel and the resource required to perform what would previously have required multiple staff and finishing devices. A range of options extend the system's versatility to handle a wide variety of short runs at once, all controlled through the central Windows PC.

Digital print has a higher proportion of retained profit compared to jobs printed by offset. The speed and efficiency of the DC-648 allows you to increase the volume of work that you can transfer to printing digitally, avoiding the bottleneck created by manual intensive steps like a guillotine. The DC-648 has what it takes to help you become a lean, dynamic business and see your profits grow.

DC-648		
Speed (SRA3)		
21-up Business Cards	12.2 sheets/min	15,372 cards/hr
4-up x A6 Greeting Cards	25.5 sheets/min	6,120 cards/hr
8-up x A6 Postcards	20 sheets/min	9,600 cards/hr
1-up x A3 Brochure	35.3 sheets/min	2,118 brochures/hr
<i>Theoretical, not allowing for reloading</i>		
Max Sheet W x L	370 mm x 710 mm (1200 mm *) * With optional Banner Feed Tray	
Min Sheet W x L	210 mm x 210 mm	
Paper Weight	110 gsm to 400 gsm	
Min Finished Size W x L	48 mm x 49 mm (28 mm*) * Extended Feature	
Tolerance	± 0.3 mm business cards; ± 0.2 mm on programmed position * * Can be more with long sheet	
Delivery Tray Capacity	150 mm	
Elevator Stacker Capacity	90 mm	
Slits	6 (8 optional)	
Maximum Cuts	30	
Maximum Creases	20	
Crease Depth Adjustment	Automatic	
Perforation (options)	Automatic positioning Strike up/down in X & Y direction	
Standard Features	Air knife, Side Air, Ultrasonic double feed detection sensor, Automatic Barcode Job Recall, Image Registration (including skew and shrinkage), Batch separation, Elevator Card Stacker, PC Controller software, PC pole mount	
Power	230 VAC, 50/60 Hz, 2.7 A	
Weight	348 kg	

Operation	MS Windows™ Operator GUI, plus LCD
Memory (jobs)	250 + PC memory
Export Layout to Prepress	Yes Compatible software dependent
Import Layout from Prepress	Yes Compatible software dependent
Industry 4.0	Yes via XML export

OPTIONS	
PC & PC Arm	MS Windows™
Rotary Tool Module	Perforation, Micro-Perf, Score, Slit-Score
Cross Tool Module	Perforation, Micro-Perforation, Slit-Score
Up-Crease Module	Reversible tool, 110 gsm to 400 gsm
Banner Feed Tray	Maximum 1200 mm sheet
Conveyor Stacker	For fixed size applications
Waste Conveyor	Not compatible with Banner Feed Tray

