

**Duplo**

# DUSENSE DDC-810 PRO

Spot UV Coater



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**DISCOVER A WORLD OF POSSIBILITIES.**

## SPECIFICATIONS

<b>Paper size</b>	Width: 279 to 364 mm Length: 210 to 750 mm	<b>Noise</b>	Equivalent continuous A-weighted sound pressure level : 73 dB , peak : 91 dB (both conditions reduced to less than 72 dB when air duct extraction is fitted)
<b>Paper quality</b>	Coated paper: 160 to 450 g/m <sup>2</sup> OPP corona treated** laminate or printable PET laminate. No film running off the edge on the registration (non-operator) side. Maximum with curl 2mm	<b>Power</b>	3 phase, 16Amp + Neutral and Earth supply, commando type socket (AC/380 to 415 V AC, 50/60 Hz) For PC : Single phase 208 to 240 V AC, 50/60 Hz
<b>Print head</b>	Piezo method Resolution 600 x 600 dpi	<b>Power consumption</b>	6000 W
<b>Head cleaning</b>	Automated cycles of purge and wipe during normal operation	<b>Operating environment</b>	Recommended Temperature 20 to 25 C, maximum range 15 to 30 C. Humidity 30 to 70% RH with No condensation. Out light 1,500lx or less
<b>Cleaning frequency</b>	Maximum idle for 5 days before flush cleaning is required	<b>Ventilation extraction</b>	Connection to 200mm diameter pipe 400cfm (680 m3/hr) rated booster fan required if extraction distance exceeds 4 metres
<b>Printing area</b>	Maximum printing width: 322.5 mm Minimum margin 10 mm on all sides	<b>Dimensions</b>	L x W x H 3,553 x 1519 x 1,909 mm
<b>Print data format</b>	PDF, TIFF single layer	<b>Weight</b>	540.5 kg
<b>Print correction</b>	Automatic camera correction by reading Image Register Marks. Image distortion in length, width, skew, scaling, twist @ max. ±2 mm in the horizontal and vertical directions. XY offset @ ±5 mm in the horizontal and vertical directions Correction in Real time, Lead & trail edge, Lead only, Fully manual	<b>Printing Width</b>	maximum print width 322.5 mm
<b>Print accuracy</b>	± 0.2 mm or less (with correction)	<b>Processing speed</b>	Up to 56 sheets/minute (Paper length: 279mm, Varnish thickness: 15 – 20 µm) Up to 28 sheets/minute (Paper length: 279mm, Varnish thickness: 14 – 40 µm) Up to 16 sheets/minute (Paper length: 279mm, Varnish thickness: 50 – 80 µm)  Up to 36 sheets/minute (Paper length: 480mm, Varnish thickness: 15 – 20 µm) Up to 18 sheets/minute (Paper length: 480mm, Varnish thickness: 25 – 40 µm) Up to 9 sheets/minute (Paper length: 480mm Varnish thickness: 50 – 80 µm)  Up to 25 sheets/minute (Paper length: 740mm, Varnish thickness: 15 – 20 µm) Up to 12 sheets/minute (Paper length: 740mm, Varnish thickness: 25 – 40 µm) Up to 6 sheets/minute (Paper length: 740mm Varnish thickness: 50 – 80 µm)
<b>Print thickness</b>	15* to 80 µm ± 10 µm depending on paper quality		
<b>Feed tray capacity</b>	150 mm		
<b>Paper feeding</b>	Belt suction from top of stack		
<b>Sheet separation</b>	Front and side air separation		
<b>Cleaning</b>	Dust removal cleaning roller		
<b>Sheet alignment</b>	Side lay on non-operator's side plus sheet skew correction		
<b>Stacking capacity</b>	150 mm		

\* Results for 15 µm are subject to conditions

\*\* Surface tension is within 40-44 dyne/cm

The information on this data sheet only applies to Duplo international sales regions