

# OC 100 Offset printing system



Brilliant printing quality at a competitive price for small and mid-size single card runs. Perfectly suited for printing of phone, advertising, smart, chip, magnetic stripe, loyalty, payback, gift cards etc.. Single-person operation of the OC 100 due to its simple but state-of-the-art technology and only little space required due to its compact design.

KBA-Metronic's OC100 offset printing system is mainly designed for small and mid-size single card runs offering an outstanding 4 colour printing quality at a competitive price. It meets even the most demanding customer requirements. The KBA-Metronic OC 100 provides for extremely high functionality, user-friendly operation and an attractive cost-effectiveness.

Its technology is based on the principle of waterless offset printing. KBA-Metronic's patented short-ink press with anilox rollers guarantees even ink transfers for brilliant printing throughout the whole run – at 200 lpi.

## Technical Data

Printing system:	waterless offset printing
Printing units:	2 units with 2 split-ink chambers for 4 colour offset printing
Inks:	UV-curing inks
Performance:	12,000 prints/hour 2 colours / 6,000 prints/hour 4 colours
Card material:	all types of materials : ABS, PVC, PET, PS, etc.
Card size:	ISO standard 3.4" x 2.1" (85,5 x 54 mm)
Material thickness:	20 mil - 47 mil (0.5 – 1.2 mm), thin card printing down to 14 mil (0.35 mm)
Registration:	accuracy +/- 0.004" (0.01 mm)
Consumables:	standard waterless inks, printing plates, blankets
Main drive:	heavy duty 3 phase AC motor (2.2 kw)
Power connection:	max. 20 kVA; TNS 400 / 230 V, 30 A/phase, 50 Hz, backup fuse 32 A
Dimensions:	15.1 x 2.3 x 3.2 ft (4,640 x 700 x 980 mm), L x W X H
Weight:	3,400 lbs (1,560 kg)

Subject to technical modification

## Technical features

The OC100 offset printing system is comprised of the following modules:

- 1 feeding module ①
- 1 card cleaning system ②
- 2 printing units, ③  
each with split-ink chamber,  
register adjustment,  
UV dryer and  
antistatic device
- 1 output module ④

