

Evolis Quantum Printer Specifications

The Quantum, a dual-sided plastic card printer, is designed specifically for high-volume badge personalization.

Printing mode Color dye sublimation and monochrome thermal transfer
Flip-over module
Edge-to-edge printing as standard

Printer specification	Integrated ribbon saver
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Printing speed 140 cards/hour in color (YMCKO), one side
110 cards/hour in color (YMCKOK), two sides
Up to 1000 cards/hour in monochrome, one side

Resolution	300 DPI
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Windows™ drivers For Windows™ 4.0/2000 and Xp

Warranty	Printer : 1 year Print head : 1 year or 500 000 passes ¹
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Ribbon Type Monochrome black ribbon: 5000 cards/roll
Other monochrome ribbons available: 1000 cards/roll (available in black, blue, red, green, white, gold, silver and scratch off)
2 panel monochrome ribbon (KO): 500 cards/roll
5 panel color ribbon (YMCKO): 1000 cards/roll
6 panel color ribbon (YMCKOK): 800 cards/roll
1/2 panel color ribbon (YMCKO): 400 cards/roll
Hologram ribbon: 350 cards/roll

Other printer models	Quantum MAG Printer with HICO / LOCO magnetic stripe encoder- ISO 7811 Quantum SMART Printer with smart card contact station - ISO 7816-2 Quantum CONTACT-LESS Printer with contact-less smart card reader / encoder (available upon study)
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1 - Clause governing the use of Evolis consumables

Other specifications

Card types:

all PVC and Composite PVC cards

Standard card format :

ISO CR-80 (53.98 mm x 85.60 mm - 3.375" x 2.125")

Card thickness:

0.76 mm (30 mil)

Card feeder capacity:

2 x 500 cards (0.76 mm - 30 mil)

Card output hopper capacity:

2 x 500 cards (0.76 mm - 30 mil)

Card reject box capacity:

2 x 25 cards (0.76 mm - 30 mil)

Printer size:

- Height: 510 mm (20.07")

- Width: 700 mm (27.55")

- Depth: 300 mm (11.81")

Printer weight:

25 Kg (55lbs)

Communication interface:

Parallel Centronics and USB (cables supplied)

Electrical:

110~230 Volts CA, 60~50 Hertz

Environmental:

- Min / Max operating temperatures:
15°C / 30°C

- Humidity:
20% to 65% non-condensing

- Min / Max storage temperatures:
-5°C to +70°C

- Storage humidity:
20% to 70% non-condensing

- Operating ventilation:
free air