

Manufacturer	Evolis	Zebra		Fargo	Datacard	Magocard		
Printer model	Pebble ⁴	P110i	P330i	Persona C30e Single	SP35 +	SP55 + Simplex	Enduro	RIO 2e
Launch date	2007	2005	2004	2008	2007	2007	2008	2005
Printer Retail Price								
Basic (No encoding)	2 090 \$	1 995 \$	2 895 \$	2 295 \$	2 195 \$	2 895 \$	2 295 \$	3 450 \$
With Mag stripe encoder	2 520 \$	2 495 \$	3 395 \$	2 750 \$	2 690 \$	3 390 \$	2 695 \$	3 900 \$
With Smart contact station	2 330 \$	N/A	3 095 \$	3 044 \$	3 044 \$	3 244 \$	N/A	3 825 \$
With Mifare Contactless encoder	2 710 \$	N/A	3 690 \$	3 044 \$	2 860 \$	3 580 \$	N/A	4 375 \$
Cost/card YMCKO color ribbon	0,325 \$	0,450 \$	0,425 \$	0,340 \$	0,425 \$	0,425 \$	0,370 \$	0,371 \$
Cost/card black mono ribbon	0,010 \$	0,030 \$	0,015 \$	0,022 \$	0,014 \$	0,014 \$	0,013 \$	0,013 \$
Printer warranty	3 years	2 years	2 years	2 years	2 years	2 years	2 years ¹	3 years ¹
Print head warranty	3 years Unlimited print	2 years Unlimited print	2 years Unlimited print	2 years Unlimited print	2 years Unlimited print	2 years Unlimited print	2 years Unlimited print	3 years ¹ Unlimited print
Different printer colors	3 different colors: Ocean Blue, Fire Red, Jungle Green	No	No	No	No	No	No	No
Technology – Resolution	Dye Sub / TT - 300dpi	Dye Sub / TT - 300dpi	Dye Sub / TT - 300dpi	Dye Sub / TT - 300dpi	Dye Sub / TT - 300dpi	Dye Sub / TT - 300dpi	Dye Sub / TT - 300dpi	Dye Sub / TT - 300dpi
Standard communication interface	USB	USB	USB	USB	USB	USB	USB	USB, Parallel & Ethernet
Optional communication interface	Ethernet (100 \$)	USB/Ethernet (300 \$)	USB/Ethernet (300 \$)	Ethernet (299 \$)	No	Ethernet (395 \$)	N/A	-
Supplied cables (std)	USB	USB	USB	-	USB	USB	-	-
Print speed (YMCKO)	24 sec/card up to 150 cards/hour	30 sec/card up to 120 cards/hour	25 sec/card up to 144 cards/hour	27 sec/card up to 133 cards/hour	23 sec/card up to 160 cards/hour	20 sec/card up to 190 cards/hour	35 sec/card Up to 102 cards/hour	22 sec/card up to 163 cards/hour
Print speed (monochrome)	3.6 sec/card 1000 cards/hour	4 sec/card 900 cards/hour	4 sec/card 900 cards/hour	7 sec/card 514 cards/hour	7.2 sec/card 500 cards/hour	5 sec/card 700 cards/hour	7 sec / card 500 cards/hour	6 sec/card 600 cards/hour
Edge-to-edge printing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Visual error prompt	LED	LCD Display	LCD Display	NO	NO	LCD Display (optional)	LCD Display	LED
Supported drivers Windows	Xp/Vista	2000/Xp	2000/Xp	Win 98/2000/Me/Xp/2003	2000/Xp/ Vista	2000/Xp/ Vista	2000 / 2003 / XP / Vista	2000 / 2003 / XP / Vista
Others	Mac OS X / Linux	Vista compatible	Vista compatible	Vista compatible / Linux	Linux	Linux	-	-
Supplied software (for PC)	eMedia Card Designer Including Excel Database	No	No	Build a badge	ID Works	ID Works	No	No
Supported card types	CR80 - CR79 PVC, PET, ABS ² , special varnishes ²	CR80 PVC, Composite PVC	CR80 PVC, Composite PVC	CR80 - CR79 ¹ PVC, Composite PVC, Rewritable	CR80 PVC, Composite PVC	CR80 PVC, Composite PVC	CR80 PVC	CR80 PVC
Card thickness min/max	0.25-1mm (10-40mil)	0.76mm (30mil)	0.25-1.5mm (10-60mil)	0.51 - 0.76 mm (20-30 mil)	0.22-1.39mm (9-55mil)	0.22-1.39mm (9-55mil)	0.51-1.02mm (20-40mil)	0.38-1.6mm (15-63mil)
Card thickness adjustment	Manual	Manual	Manual	Automatic	Automatic	Automatic	NC	NC
Card feeder capacity (0,76 mm)	100 cards	100 cards	100 cards (220c optional / 150 \$)	100 cards	100 cards	100 cards 200c option (143\$)	100 cards	100 cards
Detachable feeder (cassette)	Yes	No	No	No	No	No	No	No
Output hopper capacity (0,76 mm)	50 cards	45 cards	100 cards	30 cards	20 cards	40 cards 200 cards option (120 \$)	30 cards	50 cards
Manual card Feeder	Yes (65 \$)	Yes (30 \$)	No	No	No	No	Yes	No
Operator replaceable print head	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tool required	No	No	No	No	No	No	No	No
Printer size (H x D x W)	186 x 225 x 386 mm 7.32" x 8.85" x 15.19"	216 x 328 x 201 mm 7.08" x 11.92" x 7.16"	256 x 239 x 462 mm 10.1" x 9.4" x 18.2"	201 x 207 x 346 mm 7.9" x 8.14" x 13.62"	412 x 198 x 229 mm 16.49" x 7.79" x 9.01"	546 x 198 x 241 mm 21.49" x 7.79" x 9.48"	233 x 206 x 453 mm 9.2" x 8.1" x 17.8"	232 x 194 x 370 mm 9.13" x 7.64" x 14.57"
Printer weight	5,9 Kg (13lbs)	4,3 Kg (9.5lbs)	7 Kg (15.5lbs)	3,6 Kg (8lbs)	4,1 Kg (9.03lbs)	5,3 Kg (11.68lbs)	5,5 Kg (12lbs)	8,3 Kg (18.3lbs)
HICO/LOCO mag stripe encoding	Yes - HICO/LOCO	Yes - HICO/LOCO	Yes - HICO/LOCO	Yes - HICO/LOCO	Yes - HICO/LOCO	Yes - HICO/LOCO	Yes - HICO	Yes - HICO
Number of track(s)	3 tracks	3 tracks	3 tracks	3 tracks	3 tracks	3 tracks	3 tracks	3 tracks
Field upgradable magnetic encoder	Yes	No	No	Yes	Yes	Yes	Yes	Yes
Combined options	Yes	No	Yes	Yes	No	Yes	No	Yes
Smart Card Contact Station	Yes	No	Yes	Yes	Yes	Yes	No	Yes
Ribbon Capacity YMCKO	200 cards	200 cards	330 / 200 cards	250 cards	250 or 500 cards	250 or 500 cards	300 cards	350 cards
Ribbon Capacity Black Monochrome	1000 cards	1000 cards	1000 cards	1000 cards	1500 cards	1500 cards	1000 cards	1000 cards

N/A: Feature Not Available

NC: Data Not Communicated

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¹ EU AND NORTH AMERICA - OTHERS = 1 YEAR
² MONOCHROME PRINTING ONLY