

Manufacturer	Evolis	Zebra		Fargo		Datacard			Magocard	
Printer model	Pebble <sup>4</sup>	P110i	P330i	Persona C30 Single	DTC400	SP25 +	SP35 +	SP55 + Simplex	Avalon	RIO 2e
Launch date	2007	2005	2004	2005	2004	2007	2007	2007	2004	2005
Printer Retail Price										
Basic (No encoding)	2.090 \$	1.995 \$	2.895 \$	2.295 \$	2.895 \$	1.725 \$	1.936 \$	2.895 \$	2.400 \$	3.450 \$
With Mag stripe encoder	2.520 \$	2.495 \$	3.395 \$	2.894 \$	3.494 \$	2.125 \$	2.368 \$	3.395 \$	2.799 \$	3.900 \$
With Smart contact station	2.330 \$	N/A	3.095 \$	N/A	4392 \$ (incl. Encdr)	NC	2.244 \$	3.244 \$	N/A	3.825 \$
With Mifare Contactless encoder	2.710 \$	N/A	3.690 \$	N/A	4.093 \$	N/A	2.226 \$	4.154 \$	N/A	4.375 \$
Cost/card YMCKO color ribbon	0,325 \$	0,400 \$	0,375 \$	0,460 \$	0,460 \$	0,800 \$	0,425 \$	0,425 \$	0,371 \$	0,371 \$
Cost/card black mono ribbon	0,010 \$	0,030 \$	0,015 \$	0,022 \$	0,022 \$	0,180 \$	0,014 \$	0,014 \$	0,013 \$	0,013 \$
Printer warranty	3 years	1 year	1 year	2 years	1 year	2 years	2 years	2 years	2 years <sup>1</sup>	2 years <sup>1</sup>
Print head warranty	3 years Unlimited print	1 year Unlimited print	1 year Unlimited print	2 years Unlimited print	1 year Unlimited print	2 years Unlimited print	2 years Unlimited print	2 years Unlimited print	2 years <sup>1</sup> Unlimited print	2 years <sup>1</sup> Unlimited print
Different printer colors	3 different colors: Ocean Blue, Fire Red, Jungle Green	No	No	No	No	No	No	No	No	No
Technology – Resolution	Dye Sub / TT - 300dpi	Dye Sub / TT - 300dpi	Dye Sub / TT - 300dpi	Dye Sub / TT / rewritable - 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	USB	USB, Parallel & Ethernet
Optional communication interface	Ethernet (100 \$US)	N/A	USB/Ethernet (300 \$US)	N/A	Ethernet (299\$US)	No	No	Ethernet (500 \$US)	N/A	-
Supplied cables (std)	USB	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	27 sec/card up to 133 cards/hour	30 sec/card manual feed	30 sec/card up to 120 cards/hour	20 sec/card up to 180 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 sec/card 514 cards/hour	7.2 sec/card manual feed	7,2 sec/card 500 cards/hour	5 sec/card 700 cards/hour	6 sec/card 600 cards/hour	6 sec/card 600 cards/hour
Edge-to-edge printing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Visual error prompt	LED + Port Monitor display on screen	LCD Display	LCD Display	NO	LCD Display	NO	NO	LCD Display (optional)	LED	LED
Supported drivers Windows	2003/Xp/Vista	2000/Xp	2000/Xp	98/2000/Me/Xp/2003	98/2000/Me/Xp/2003	2000/Xp	2000/Xp	2000/Xp	2000 / 2003 / XP	2000 / 2003 / XP
Others	Mac OS X / Linux	-	-	-	-	Linux	Linux	Linux	-	-
Supplied software (for PC)	eMedia Card Designer Including Excel Database	No	No	Build a badge	No	ID Works	ID Works	ID Works	No	No
Supported card types	CR80 - CR79 PVC, PET, ABS <sup>2</sup> , special varnishes <sup>2</sup>	CR80 PVC, Composite PVC	CR80 PVC, Composite PVC	CR80 - CR79 <sup>1</sup> PVC, Composite PVC	CR80 - CR79 PVC, Composite PVC	CR80 PVC, Composite PVC	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)	0.51 - 0.76 mm (20-30 mil)	0,2286 - 1,397 mm	0.22-1.39mm (9-55mil)	0.22-1.39mm (9-55mil)	0.38-1.6mm (15-63mil)	0.38-1.6mm (15-63mil)
Card thickness adjustment	Manual	Manual	Manual	Automatic	Automatic	Automatic	Automatic	Automatic	NC	NC
Card feeder capacity (0,76 mm)	100 cards	100 cards	100 cards (220 optional / \$150)	100 cards	100 cards	manual feed	100 cards	100 cards or 200 cards	100 cards	100 cards
Detachable feeder (cassette)	Yes	No	No	No	No	manual feed	No	No	No	No
Output hopper capacity (0,76 mm)	50 cards	45 cards	100 cards	30 cards	30 cards	9 cards	20 cards	40 cards	50 cards	50 cards
Manual card Feeder	Yes (65 \$)	Yes (30 \$)	No	No	No	No	No	No	No	No
Operator replaceable print head	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tool required	No	No	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"	201 x 207 x 346 mm 7.9" x 8.14" x 13.62"	378 x195 x 225 mm 14.9" x 8.8" x 9.0"	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"	220 x 200 x 445 mm 8.66" x 7.87" x 17.51"	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)	3,6 Kg (8lbs)	3,6 Kg (8 lbs)	4,1 Kg (9.03lbs)	5,3 Kg (11.68lbs)	7,2 Kg (15.87lbs)	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/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	3 tracks	3 tracks
Field upgradable magnetic encoder	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes
Combined options	Yes	No	Yes	No	Yes	No	No	Yes	No	Yes
Smart Card Contact Station	Yes	No	Yes	No	Yes	Yes	Yes	Yes	No	Yes
Ribbon Capacity YMCKO	200 cards	200 cards	200 / 330 cards	250 cards	250 cards	125 cards	250 or 500 cards	250 or 500 cards	250 or 350 cards	350 cards
Ribbon Capacity Black Monochrome	1000 cards	1000 cards	1000 cards	1000 cards	1000 cards	100 cards	1500 cards	1500 cards	1000 cards	1000 cards

N/A: Feature Not Available

NC: Data Not Communicated

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<sup>1</sup> EU AND NORTH AMERICA - OTHERS = 1 YEAR  
<sup>2</sup> MONOCHROME PRINTING ONLY