

Manufacturer	Evolis	Zebra		Fargo			Datacard	Magocard
Printer model	Dualys ³	P120i	P430i	Persona C30 Dual	DTC400 Dual	DTC550 Dual	SP55 + Duplex	Tango 2e
Launch date	2006	2005	2006	2005	2004	2006	2007	2005
Printer retail price								
Basic (No encoding)	2.995 \$	2.895 \$	3.895 \$	3.221 \$	3.895 \$	5.095 \$	3.895 \$	4.700 \$
With Mag stripe encoder	3.095 \$	3.395 \$	4.395 \$	3.704 \$	4.494 \$	5.694 \$	4.395 \$	5.150 \$
With Smart contact station	3.695 \$	N/A	4.095 \$	N/A	4.494 \$ (?)	5.694 \$	4.244 \$	5.075 \$
With Mifare Contactless encoder	3.995 \$	N/A	4.690 \$	N/A	4.494 \$	7.089 \$	5.154 \$	5.625 \$
Cost per card color ribbon YMCKO / YMCKO-K	0.325 / 0.40 \$	0.40 / 0.606 \$	0.375 / 0.558 \$	0.460 / 0.50 \$	0.314 / 0.4225 \$	0.44 / 0.50 \$	0.425 / 0.613 \$	0.371 / 0.52 \$
Cost per card Black Monochrome ribbon	0.010 \$	0,025 \$	0,011 \$	0,022 \$	0,022 \$	0,023 \$	0,014 \$	0,013 \$
Printer warranty	3 years	1 year	1 year	2 years	1 year	1 year	2 years ¹	2 years ¹
Printhead warranty	3 years Unlimited # of passes	1 year Unlimited # of passes	1 year Unlimited # of passes	2 years Unlimited # of passes	1 year Unlimited # of passes	1 year Unlimited # of passes	2 years ¹ Unlimited # of passes	2 years ¹ Unlimited # of passes
Printing 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 ports	USB	USB	USB	USB	USB	USB	USB	Parallel Centronics/USB/Ethernet
Optional communication ports	Ethernet (100 \$)	N/A	Ethernet (300 \$)	N/A	Ethernet (299 \$)	Ethernet (249 \$)	Ethernet (500 \$)	-
Supplied cables (std)	USB	USB	USB	No	No	No	USB	NC
Print speed YMCKO - 1 side	150 cards/hour	120 cards/hour	128 cards/hour	133 cards/hour	133 cards/hour	144 cards/hour	Up to 190 cards/hour	163 cards/hour
Print speed YMCKO-K - 2 sides	125 cards/hour	90 cards/hour	102 cards/hour	102 cards/hour	102 cards/hour	109 cards/hour	Up to 155 cards/hour	80 cards/hour
Print speed monochrome - 1 side	Up to 1000 cards/hour	720 cards/hour	720 cards/hour	514 cards/hour	514 cards/hour	514 cards/hour	Up to 1000 cards/hour	600 cards/hour
Print speed monochrome - 2 sides	Up to 350 cards/hour	NC	NC	NC	NC	NC	Up to 450 cards/hour	N/A
Edge-to-edge printing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Printer status notification	LED + Port Monitor display on screen	LCD Display	LCD Display	N/A	LCD Display	LCD Display	LCD Display	LED & LCD Display
Supported drivers	Windows 2003/Xp/Vista Mac OSX. Linux	Windows 2000/Xp	Windows 2000/Xp	Windows 98 SE/Me/2000/Xp/Server 2003	Windows 98 SE/Me/2000/Xp/Server 2003	Windows 2000/Xp/Server 2003	Windows 2000/Xp Linux	Windows 2000/Xp/Server 2003 user mode
PC software included (free of charge)	eMedia Card Designer Including Excel Database	No	No	Photo Id	No	No	ID Works	No
Supported card types	CR80 PVC, PET, ABS ² , special varnishes ²	CR80 PVC, Composite PVC	CR80 PVC, Composite PVC	CR80 PVC, Composite PVC	CR80, CR79 PVC, Composite PVC	CR80, CR79 PVC, Composite PVC	CR80 PVC, Composite PVC	CR80 PVC, Composite PVC
Card thickness (min/max)	0,25 -1 mm 10 – 40 mil	0,76 mm 30 mil	0,25 -1,5 mm 10 – 60 mil	0,5 - 0,76 mm 20 – 30 mil	0,5 - 0,76 mm 20 – 30 mil	0,5 - 1,25 mm 20 – 50 mil	0,23 - 1,39 mm 9 – 55 mil	0,38 - 1,6 mm 15 – 63 mil
Card thickness adjustment	Manual	N/A	Manual	Automatic	Automatic	Automatic	Automatic	NC
Card feeder capacity (0,76 mm / 30 mil)	100 cards	100 cards	100 (220 cards optional / \$150)	100 cards	100 cards	2 x 100 cards	100 (200 cards optional)	100 cards
Feeder cassette (removable)	Yes	No	No	No	No	No	No	No
Hopper capacity (0,76 mm / 30 mill)	100 cards	45 cards	100 cards	30 cards	30 cards (100 cards optional)	100 cards	40 cards	50 cards
Manual card feeder option	Yes (65 \$)	Yes (30 \$)	No	No	No	No	No	No
On-site printhead replacement	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tooling required	No tool required	No tool required	No tool required	No tool required	No tool required	No tool required	No tool required	No tool required
Printer size (H x D x W)	235 x 237 x 447 mm 9.25" x 9.33" x 17.59"	216 x 328 x 201 mm 8.5" x 12.9" x 7.9"	256 x 239 x 660 mm 10.1" x 9.4" x 26"	201 x 207 x 464 mm 7.9" x 8.1" x 18.3"	201 x 207 x 464 mm 7.9" x 8.1" x 18.3"	273 x 279 x 470 mm 10.75" x 11" x 18.5"	546 x 198 x 241 mm 21.5" x 7.8" x 9.5"	232 x 193 x 471 mm 9.15" x 7.6" x 18.56"
Printer weight	7,4 Kg (16.31 lbs)	4,3 Kg (9.5 lbs)	9,1 Kg (20 lbs)	5,3 Kg (11.5 lbs)	5,3 Kg (11.5 lbs)	9,1 Kg (20 lbs)	5,3 Kg (11 lbs)	8,3 Kg (18.3 lbs)
Mag stripe encoder HICO/LOCO # of tracks	Yes - HICO/LOCO 3 tracks	Yes - HICO/LOCO 3 tracks	Yes - HICO/LOCO 3 tracks	Yes - HICO/LOCO 3 tracks	Yes - HICO/LOCO 3 tracks	Yes - HICO/LOCO 3 tracks	Yes - HICO/LOCO 3 tracks	Yes - HICO/LOCO 3 tracks
Encoding mix (Mag, Smart, Contactless)	Yes	N/A	Mag + Smart	N/A	Yes	Yes	Yes	Yes
Smart card contact station	Yes	N/A	Yes	N/A	Yes	Yes	Yes	Yes
Ribbon capacity YMCKO	200 cards/ribbon	200 cards/ribbon	200 or 330 cards/ribbon	250 cards/ribbon	250 cards/ribbon	500 cards/ribbon	500 cards/ribbon	350 cards/ribbon
Ribbon capacity YMCKO-K	200 cards/ribbon	165 cards/ribbon	170 cards/ribbon	200 cards/ribbon	200 cards/ribbon	400 cards/ribbon	250 cards/ribbon	300 cards/ribbon
Ribbon capacity Black Monochrome	1000 cards/ribbon	1000 cards/ribbon	1000 or 1500 cards/ribbon	1000 cards/ribbon	1000 cards/ribbon	3000 cards/ribbon	1500 cards/ribbon	1000 cards/ribbon

N/A: Feature Not Available

NC: Data Not Communicated

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