

Retransfer Printers - 600 dpi



	HID FARGO HDP6600	Zebra ZXP Series 9	Magicard Prima 8	Entrust Datacard CR805	Dascom DC-7600	Seaory R600
	PRINTER FEATURES					
Single-Side Printing	Standard	Standard	Standard	Standard	Standard	Yes
Dual-Side Printing Available	Yes	Yes	Yes	Yes	Yes	Standard
Printer Warranty	3 Years** (1-year free loaner printer support - US)	2 Years	3 Years	3 Years	3 Years	3 Years
Printhead Warranty	Lifetime**	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime
	PERFORMANCE STANDARDS					
Print Resolution	600 dpi Dye	600 dpi or 300 dpi Dye	600 dpi or 300 dpi Dye	600 dpi Pigment	600 dpi Dye	600 dpi Dye
Single-side(YMCK) Print Speed*	230 cph / 16 seconds per card	125 cph (600 dpi) /29 seconds per	100 cph / 36 seconds per card	100 cph / 36 seconds per card	144 cph / 25 seconds per card	144 cph / 25 seconds per card
Dual-side(YMCKK) Print Speed*	126 cph / 29 seconds per card	140 cph (600 dpi) / 26 seconds per card	N/A	66 cph / 55 seconds per card	68 cph / 53 seconds per card	86 cph / 42 seconds per card
	COMMUNICATION STANDARDS					
Interface	USB 2.0, Ethernet (Single-wire Ethernet option available), (100 Mbps) with internal print server (IPv4- and IPv6-compatible; with support for SNMPv3)	USB 2.0 & Ethernet Standard (wireless Ethernet option)	USB 2.0 & Ethernet Standard	USB 2.0 & Ethernet Standard	USB 2.0 & Ethernet Standard	Standard USB2.0 & Ethernet, WIFI (optional)
Supported Software Drivers	Windows® 10 / 11 / Server 2016 / 2019 / 2022	Windows® 7 / 8 / 8.1 / 10 / Server 2008 (32 and 64 bit), Server 2012 (64 bit)	Windows® 10 (32 and 64 bit)	Windows® 7 / 8.1 / 10 (32 and 64 bit) / Server 2008 (64 bit) / Server 2012 R2 (64 bit) / Server 2016	Windows® 7 / 8 / 10 (32 and 64 bit)	Windows® 7 / 8 / 10 / 11 / XP / Server 2003 / 2008 / 2012 / 2016, Linux, NeoKylin, Kylin, UOS and other made-in-China operating systems
	USER INTERFACE STANDARDS					
Display	Graphical OLED	LCD	LCD	LCD	LED	Color touch-screen
	CARD STANDARDS					
Card Input Hopper Capacity	100	150	100	125	250	200
Dual Input Hopper Capability	Optional	No	No	No	N/A	N/A
Card Output Hopper Capacity	200	100	100	25 (125 Optional)	250	200
Card Thickness	30-40 mil	30-40 mil	10-40 mil	30-40 mil	10-40 mil	10-40 mil
	RIBBON STANDARDS					
Ribbon Loading Method	Cartridge	Cartridge	Cartridge	Cartridge	Cartridge	Cartridge
Fluorescing/UV Ribbon	Yes	Yes	Yes	Yes	N/A	Yes
Full-Color – YMCK (maximum images per roll)	750	625	1,000	1,000	500	500/1000
Full-Color – YMCKK (maximum images per roll)	600	500	750	750	400	500
Retransfer Film (maximum images per roll)	1,500	1,250	1,000	1,000	500	1000
	LAMINATE STANDARDS					
1.0 mil Clear Patch (maximum images per roll)	1,000	625	600	300	N/A	N/A
	PHYSICAL CHARACTERSITICS					
Dimensions	13.0" H x 14.5" W x 12.0" D (330mmH x 368mmW x 305mmD)	13.2" H x 18.75" W x 20.4" D (334mmH x 476mmW x 519mmD)	12.6" H x 13.5" W x 13" D (320mmH x 210mmW x 330mmD)	21.4" H X 10.1" W X 15.6" D (543mmH X 255mmW X 397mmD)	17"H X 13.3"W X 12.2"D (431mmH X 339mmW X 311mm D)	15.7"H X 22.4"W X 10.7"D (398mmH X 568mmW X 272mmD)
Weight (printer only)	Single-sided 21.0 lbs. / 9.5 kg; Dual-sided 24.6 lbs. / 11.2 kg	Single-sided: 27.5 lbs. / 12.5 kg	Single-sided: 34 lbs. / 15.5 kg	Single-sided: 28 lbs. / 12.7 kg	Dual-sided: 48.5 lbs. / 22 kg	Dual-sided: 44.7 lbs. / 20.3 kg
	OPTIONS					
Dual-Sided Printing	Yes (Field Upgradeable)	Yes	Yes	Yes	Yes, only DS	Yes, only DS
Single-Sided Lamination	One-Material Lamination (Field Upgradeable)	Yes	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes DC-5000	No
Dual-Sided Lamination	Two-Material Lamination (Field Upgradeable)	Yes	Yes (Field Upgradeable)	Yes (Field Upgradeable)	N/A	No
Card Flattener	Optional	No	No	Yes	Yes Standard	N/A
Security Resin Scramble	Yes	Yes	No	Yes		
Data Encryption	Yes	Yes	No	Yes	Yes	Yes
ISO Magnetic Encoding	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes	Yes	Yes (Field Upgradeable)	Yes (Field Upgradeable)
Contact Smart Card Encoding	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes	Yes	Yes (Field Upgradeable)	Yes (Field Upgradeable)
Contactless Smart Card Encoding	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes	Yes	Yes (Field Upgradeable)	Yes (Field Upgradeable)

*Print speed indicates an approximate print speed and is measured from the time a card drops into the output hopper to the time the next card drops into the output hopper. Print speeds do not include encoding time or the time needed for the PC to process the image. Process time is dependent on the size of the file, the printhead resolution, the CPU, amount of RAM and the amount of available resources at the time of the print.

** Three-year warranty available on printers and lifetime warranty available on printheads with completion of online printer registration. (Two-year warranty standard on both printer and printheads without online printer registration.)

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	HID FARGO HDP6600	Nisca PR-C201	Evolis Avansia	Matica EDIsecure MC660
	PRINTER FEATURES			
Single-Side Printing	Standard	Yes	Yes	Yes
Dual-Side Printing Available	Yes	Standard	Standard	Standard
Printer Warranty	3 Years** (1-year free loaner printer support - US)	5 Years	3 Years	3 Years
Printhead Warranty	Lifetime**	Lifetime	Lifetime	Lifetime
	PERFORMANCE STANDARDS			
Print Resolution	600 dpi Dye	600 dpi Dye	600 dpi Dye	600 dpi Dye
Single-side(YMCK) Print Speed*	230 cph / 16 seconds per card	145 cph / 22.5 seconds per card	144 cph / 25 seconds per card	170 cph / 21 seconds per card
Dual-side(YMCKK) Print Speed*	126 cph / 29 seconds per card	100 cph / 36 seconds per card	96 cph / 37.5 seconds per card	N/A
	COMMUNICATION STANDARDS			
Interface	USB 2.0, Ethernet (Single-wire Ethernet option available); (100 Mbps) with internal print server (IPv4- and IPv6-compatible; with support for SNMPv3)	*USB 2.0 & Ethernet Standard	USB 2.0 & Ethernet Standard	USB 2.0 & Ethernet Standard
Supported Software Drivers	Windows® 10 / 11 / Server 2016 / 2019 / 2022	Windows® 2000 / XP / Vista / 7 / 8 / 10	Windows® 8.1 / 10 / 11	Windows® 7 / 8 / 10 (32 and 64 bit) / Vista (32 bit) / Server 2008 R2
	USER INTERFACE STANDARDS			
Display	Graphical OLED	LCD	LCD	LCD
	CARD STANDARDS			
Card Input Hopper Capacity	100	250	250	250
Dual Input Hopper Capability	Optional	No	No	No
Card Output Hopper Capacity	200	250	250	250
Card Thickness	30-40 mil	25-50 mil	30 mil	30 mil
	RIBBON STANDARDS			
Ribbon Loading Method	Cartridge	Cartridge	Cartridge	Cartridge
Fluorescing/UV Ribbon	Yes	Yes	Yes	Yes
Full-Color – YMCK (maximum images per roll)	750	500	500	1,000
Full-Color – YMCKK (maximum images per roll)	600	410	400	1,000
Retransfer Film (maximum images per roll)	1,500	500	500	1,000
	LAMINATE STANDARDS			
1.0 mil Clear Patch (maximum images per roll)	1,000	250	NA	N/A
	PHYSICAL CHARACTERSITICS			
Dimensions	13.0" H x 14.5" W x 12.0" D (330mmH x 368mmW x 305mmD)	17.13" H x 13.39" W x 12.6" D (435mmH x 340mmW x 320mmD)	17.16" H x 13.38" W x 11.69" D (436mmH x 340mmW x 297mmD)	7.16" H x 13.38" W x 11.69" D (436mmH x 340mmW x 297mmD)
Weight (printer only)	Single-sided 21.0 lbs. / 9.5 kg; Dual-sided 24.6 lbs. / 11.2 kg	Dual-sided: 33 lbs. / 15 kg	Dual-sided: 44.09 lbs. / 20 kg	Single-sided: 44.09 lbs. / 20 kg
	OPTIONS			
Dual-Sided Printing	Yes (Field Upgradeable)	Yes	Yes	Yes
Single-Sided Lamination	One-Material Lamination (Field Upgradeable)	Yes	NA	Yes
Dual-Sided Lamination	Two-Material Lamination (Field Upgradeable)	Yes	NA	Yes
Card Flattener	Optional	No	Yes	Yes
Security Resin Scramble	Yes	No	No	No
Data Encryption	Yes	No	Yes	No
ISO Magnetic Encoding	Yes (Field Upgradeable)	Yes	Yes	Yes
Contact Smart Card Encoding	Yes (Field Upgradeable)	Yes	Yes	Yes
Contactless Smart Card Encoding	Yes (Field Upgradeable)	Yes	Yes	Yes

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	HID FARGO HDP6600	Matica EDIsecure XID 8300	Matica EDIsecure XID 8600	Toppan CP500
	PRINTER FEATURES			
Single-Side Printing	Standard	Yes	Yes	Yes
Dual-Side Printing Available	Yes	Yes	Standard	Yes
Printer Warranty	3 Years** (1-year free loaner printer support - US)	3 Years	3 Years	2 Years
Printhead Warranty	Lifetime**	Lifetime	Lifetime	Lifetime
	PERFORMANCE STANDARDS			
Print Resolution	600 dpi Dye	300 dpi Dye	600 dpi Dye	600 dpi Pigment
Single-side(YMCK) Print Speed*	230 cph / 16 seconds per card	120 cph / 30 seconds per card	120 cph / 30 seconds per card	144 cph / 25 seconds per card
Dual-side(YMCKK) Print Speed*	126 cph / 29 seconds per card	N/A	N/A	87 cph / 41 seconds per card
	COMMUNICATION STANDARDS			
Interface	USB 2.0, Ethernet (Single-wire Ethernet option available); (100 Mbps) with internal print server (IPv4- and IPv6-compatible; with support for SNMPv3)	USB 2.0 & Ethernet Standard	USB 2.0 & Ethernet Standard	USB 2.0 & Ethernet Standard
Supported Software Drivers	Windows® 10 / 11 / Server 2016 / 2019 / 2022	Windows® 7 / 8 / 10 (32 and 64 bit)	Windows® 7 / 8 / 10 (32 and 64 bit)	Windows® 7 / XP / Vista / Server 2008
	USER INTERFACE STANDARDS			
Display	Graphical OLED	LCD	LCD	LCD
	CARD STANDARDS			
Card Input Hopper Capacity	100	250	250	250
Dual Input Hopper Capability	Optional	No	No	No
Card Output Hopper Capacity	200	100	100	250
Card Thickness	30-40 mil	10-40 mil	10-40 mil	10-40 mil
	RIBBON STANDARDS			
Ribbon Loading Method	Cartridge	Cartridge	Cartridge	Cartridge
Fluorescing/UV Ribbon	Yes	Yes	Yes	Yes
Full-Color – YMCK (maximum images per roll)	750	500	1,000	500
Full-Color – YMCKK (maximum images per roll)	600	750	750	350
Retransfer Film (maximum images per roll)	1,500	1,000	1,000	500
	LAMINATE STANDARDS			
1.0 mil Clear Patch (maximum images per roll)	1,000	550	550	NA
	PHYSICAL CHARACTERSITICS			
Dimensions	13.0" H x 14.5" W x 12.0" D (330mmH x 368mmW x 305mmD)	14.17" H x 13.5" W x 12.68" D (360mmH x 343mmW x 322mmD)	14.17" H x 13.5" W x 12.68" D (360mmH x 343mmW x 322mmD)	17.1" H x 13.4" W x 11.7" D (435mmH x 340mmW x 297mmD)
Weight (printer only)	Single-sided 21.0 lbs. / 9.5 kg; Dual-sided 24.6 lbs. / 11.2 kg	Single-sided: 30.6 lbs. / 13.9 kg	Single-sided: 30.6 lbs. / 13.9 kg	Dual-sided: 42.9 lbs. / 19.5 kg
	OPTIONS			
Dual-Sided Printing	Yes (Field Upgradeable)	Yes	Standard	Yes
Single-Sided Lamination	One-Material Lamination (Field Upgradeable)	Yes (Field Upgradeable)	Yes (Field Upgradeable)	NA
Dual-Sided Lamination	Two-Material Lamination (Field Upgradeable)	Yes (Field Upgradeable)	Yes (Field Upgradeable)	NA
Card Flattener	Optional	Yes (Optional)	Yes (Optional)	No
Security Resin Scramble	Yes	Yes	Yes	No
Data Encryption	Yes	Yes	Yes	No
ISO Magnetic Encoding	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes
Contact Smart Card Encoding	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes
Contactless Smart Card Encoding	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes

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