

Retransfer Printers - 300 dpi



	HID FARGO HDP5000e	HID FARGO HDP5000	Swiftpro K30D	Matica XID-M300	IDP SMART-81 Series	Magicard Ultima	Seatory R300
PRINTER FEATURES							
Single-Side Printing	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Dual-Side Printing Available	Yes	Yes	Yes	Yes	Yes	Yes	Standard
Printer Warranty	3 Years (1-year free loaner printer support - US)	3 Years (1-year free loaner printer support - US)	3 Years	3 Years	3 Years	3 Years	3 Years
Printhead Warranty	Lifetime	Lifetime	Lifetime	Lifetime	Information not available	Lifetime	Lifetime
PERFORMANCE STANDARDS							
Print Resolution	300 dpi Dye	300 dpi Dye	300 dpi Dye	300 dpi Dye	300 dpi Dye	300 dpi Dye	300 dpi Dye
Single-side (YMCK) Print Speed*	133 cph / 27 seconds per card	124 cph / 29 seconds per card	120 cph / 30 seconds per card	Up to 165 cph / 22 seconds per card	144 cph / 25 seconds per card	100 cph / 36 seconds per card	180 cph / 20 seconds per card
Dual-side (YMCKK) Print Speed*	109 cph / 33 seconds per card	90 cph / 40 seconds per card	67 cph / 54 seconds per card	Information not available	84 cph / 43 seconds per card	Information not available	95 cph / 38 seconds per card
COMMUNICATION STANDARDS							
Interface	USB 2.0 & Ethernet Standard	USB 2.0 & Ethernet Standard	USB 2.0 & Ethernet Standard	USB 2.0 & Ethernet Standard	USB & Ethernet Standard	USB 2.0 & Ethernet Standard	USB 2.0 & Ethernet Standard
Supported Software Drivers	Windows® 10 / 11 / Server 2016 / 2019 / 2022	Windows® 10 / 11 / Server 2016 / 2019 / 2022	Windows® 7 / 8 / 10 / 11 / Server 2008 R2 (SP1) / XP Server 2012	Windows® 7 / 8.1 / 10 / 11 / Server 2012 / 2016 / 2019 / 2022	Windows® 7 / 8 / 10 / 11, Mac OS, Linux	Windows® 7 (SP1) / 8.1 / 10 / 11 / Server 2003 R2 (SP2) (32 bit) / 2008 R2 (SP1) (64 bit) / 2012 (64 bit) / Server 2016 (64 bit), macOS Mojave 10.14.6 onwards, Linux w/CUPS support	Windows® XP / 7 / 8 / 10 / 11, Server 2003 / 2008 / 2012 / 2016, Linux, NeoKylin, Kylin, UOS and other made-in-China operating system
USER INTERFACE STANDARDS							
Display	Graphical OLED	Graphical OLED	LCD	LCD	LCD	LCD	LCM
CARD STANDARDS							
Card Input Hopper Capacity	100	100	100	200	200	200	200
Card Output Hopper Capacity	200	200	100	200	100	200	200
Card Thickness	30-50 mil	30-50 mil	30-40 mil	10-50 mil	30-64 mil	20-50 mil	20-40 mil
RIBBON STANDARDS							
Ribbon Loading Method	Cartridge	Cartridge	Information not available	Cassette	Cartridge	Cartridge	Cartridge
Fluorescing/UV Ribbon	Yes**	Yes	Yes	Yes	No	Yes	Yes
Full-Color – YMCK (maximum images per roll)	500	500	1000	700	500	1,000	500
Full-Color – YMCKK (maximum images per roll)	500	500	750	550	500	750	500
Retransfer Film (maximum images per roll)	1,500	1,500	1,000	700	500	1,000	500
LAMINATE STANDARDS							
1.0 mil Clear Patch (maximum images per roll)	250	250	N/A	Information not available	500	N/A	Information not available
PHYSICAL CHARACTERISTICS							
Dimensions	12" H x 16.5" W x 11" D (30.5cmH x 41.9cmW x 27.9cmD)	11.5" H x 12.25" W x 9.25" D (29.2cmH x 31.3cmW x 23.5cmD)	13.19" H x 13.5" W x 12.68" D (33.5cmH x 34.3cmW x 32.2cmD)	13.8" H x 16.8" W x 11" D (35.1cmH x 42.8cmW x 27.9cmD)	18.1" H x 8.8" W x 12.2" D (46.0cmH x 22.4cmW x 31.0cmD)	16.96" H x 18.03" W x 13.14" D (43.1cmH x 45.8cmW x 33.4cmD)	15.77" H x 22.36" W x 10.71" D (39.8cmH x 56.8cmW x 27.2cmD)
Weight (printer only)	Single-sided: 18.7 lbs. / 8.5 kg Dual-sided: 28.6lbs. / 13 kg	Single-sided: 16 lbs. / 7.3 kg Dual-sided: 22lbs. / 10 kg	Single-sided: 29.76 lbs. / 13.5 kg Dual-sided: 30.20 lbs. / 13.7 kg	Single-sided: 36.6 lbs. / 16.6 kg Dual-sided: Information not available	Single-sided: 25.13 lbs. / 11.4 kg Dual-sided: Information not available	Single-sided: Information not available Dual-sided: 36.9 lbs. / 16.74 kg	Dual-sided: 44.8 lbs. / 20.3 kg
SECURITY FEATURES							
Resin Scramble Data Protection	Yes**	Yes	Yes	No	No	No	No
Data Encryption	Yes	Yes	Yes	No	No	No	No
AVAILABLE OPTIONS							
Dual-Sided Printing	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes	Yes	Yes	Yes	Standard
Single-Sided Lamination	Yes (Field Upgradeable)**	Yes (Field Upgradeable)	No	Yes (Field Upgradeable)	Yes	No	Yes
Dual-Sided Lamination	Yes (Field Upgradeable)**	Yes (Field Upgradeable)	No	Yes (Field Upgradeable)	Yes	No	Yes
ISO Magnetic Encoding	Yes (Field Upgradeable)**	Yes (Field Upgradeable)	Yes	Yes	Yes	Yes	Yes
Contact Smart Card Encoding	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes	Yes	Yes	Yes	Yes
Contactless Smart Card Encoding	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes	Yes	Yes	Yes	Yes
Dual Input Hopper Capability	Yes (Field Upgradeable)**	Yes (Field Upgradeable)	No	Yes	No	No	No
200-card Input Hopper	Yes (Field Upgradeable)	Yes (Field Upgradeable)	Yes (Capacity: 250)	No	No	No	No
Physical Locks	Yes**	Yes	Yes	Yes	Yes	No	Yes

*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.

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