SECTION 1 – *Getting Acquainted*
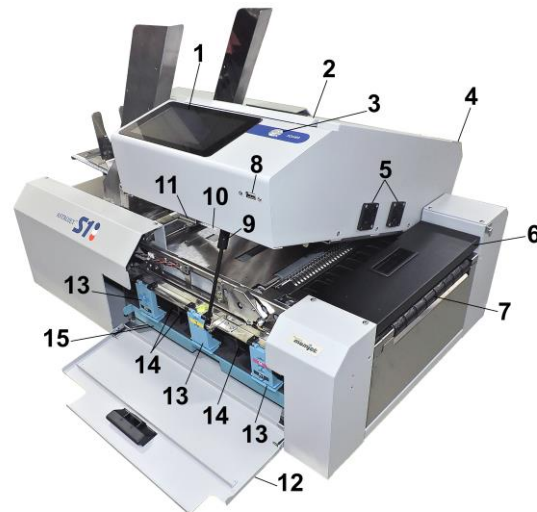
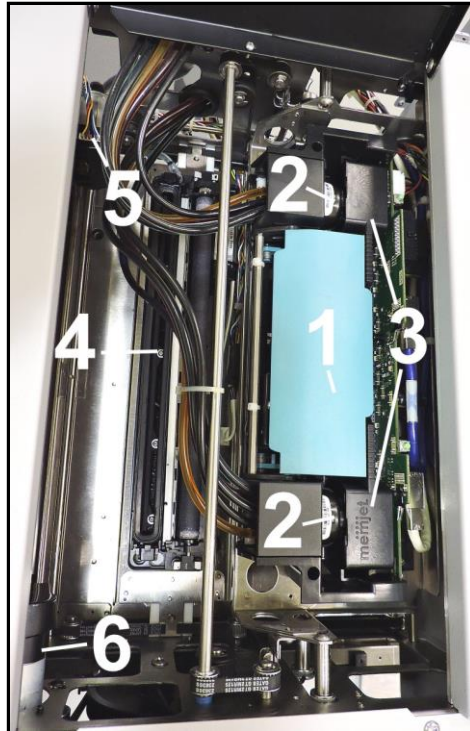## Front View

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1.	**Control Panel Touchscreen** – Displays **Menu** and information about Printer status. Controls Printer functions and setup.
2.	**Top Cover** – Provides access to Print Engine, Printhead and Service Station.
3.	**ON/OFF LED Button** – Turn power ON or OFF during idle time and maintenance.
4.	**Clamshell** – Holds upper section of Print Engine including Printhead and Service Station. Lifts up to clear media path.
5.	**Vent Fans –** Remove excess ink mist from the Printing area.
6.	**Exit Transport Cover** – Opens to provide access Media Exit Conveyor.
7.	**Exit Conveyor –** Transports media out of the Printer.
8.	**SD Card USB Port –** Use this port to back-up the Printer's SD card to a USB memory stick including any saved Print Jobs in the Printer Job Library and Printer Debug Logs for service personnel or archiving. Upload Print Jobs from other sources and printers.
9.	**Clamshell Support** – Holds Printhead Assembly up during maintenance/service.
10.	**Media Sensor Reflector –** Allows Media Sensor to track media passing through the Printer.
11.	**Clamshell Latch** – Release to raise Printhead Assembly.
12.	**Ink Tank Door** – Access to Ink Tanks. When open, disconnects Printer communication to Ink Tanks and allows safe installation and replacement.
13.	**Ink Tank Latches** – Used to hold Ink Tanks in slots. *NOTE*: Make sure both sides at bottom part of latch are engaged.
14.	**Ink Tanks** – Printer has five Ink Tanks: Cyan, Yellow, Magenta, two Black.
15.	**Ink Waste Tray** – Catches any waste ink produced by system. Tray is filled with absorbent material. Tabs located at left and right sides of tray secure tray to print engine frame. Please be sure tabs click in to secure tray.

Rear View

1.	**Envelope/Media Guide** – All printing is registered against this Guide. It has adjustable positions for envelopes and other media.
2.	**Adjustable Media Guide** – Adjusts to hold media against Envelope/Media Guide.
3.	**Top Cover** – Provides access to Print Engine, Printhead and Service Station.
4.	**ON/OFF LED Button** – Turn power ON or OFF during idle time and maintenance.
5.	**Control Panel Touchscreen** – Displays **Menu** and information about Printer status. Controls Printer functions and setup.
6.	**SD Card USB Port** – Use this port to back-up the Printer's SD card to a USB memory stick including any saved Print Jobs in the Printer Job Library and Printer Debug Logs for service personnel or archiving. Upload Print Jobs from other sources and printers.
7.	**Adjustable Feed/Media (Entry) Sensor** – Senses when media is moving, not feeding or jammed. Adjusts to accommodate varying media widths.
8.	**Sheet Separators** – Separates each piece of media as it is fed.
9.	**Feed Rollers** – Move media into print area.
10.	**Rear Media Guide** – Holds media against Front Plate.
11.	**Rear Media Guide Support** – Supports the paper/media.
12.	**Network Port** – Ethernet cable plugs in here.
13.	**USB Port** – USB cable attaches to Printer here.
14.	**Interface Port** – DB-9 Interface to connect Printer with other equipment.
15.	**Main Power Switch, Receptacle and Fuse** – Plug in power cord here. Switch turns main power ON/OFF. (*Use Control Panel LED Power switch to turn off machine for cleaning and maintenance*). Fuse protects Printer's electronic circuits.

Works Cited:
FP. "Operator Manual." Edge Pro Support, 12 Mar. 2019, download.fp-usa.com/product_docs/EDGE-Print-Series/m1_operator_manual.pdf.

Print Engine View

1.	**Printhead Latch** – When closed, connects Ink Revolver Couplings with Printhead Cartridge. When opened, retracts Ink Couplings from Printhead Cartridge and provides access to Printhead Cartridge for cleaning and replacement. **WARNING!** Never attempt to open Printhead Latch manually, severe damage will result. Use the **Printhead Release** in the **Touchscreen "Service"** drop-down menu when no ink is in system. Use **System Deprime** when ink is in system.
2.	**Ink Revolver Couplings** – Connect ink hoses to Printhead Cartridge. Printhead Latch extends and retracts couplings from Printhead.
3.	**Printhead Cartridge** – Memjet® Printhead produces an 8.77" wide full color print area.
4.	**Service Station** – Cleans Printhead Cartridge of excess ink and debris, keeps Printhead hydrated and protected when not in use, captures and removes ink used to keep nozzles clear, and moves out of the way of the Printhead during printing.
5.	**Service Station Inspection Motor** – Moves the Service Station in and out from under the Printhead Assembly for inspection, cleaning or service.
6.	**Printhead Assembly Lifter Motor** – Lifts and lowers the Printhead Assembly over the Service Station for Service Station access and Printing.
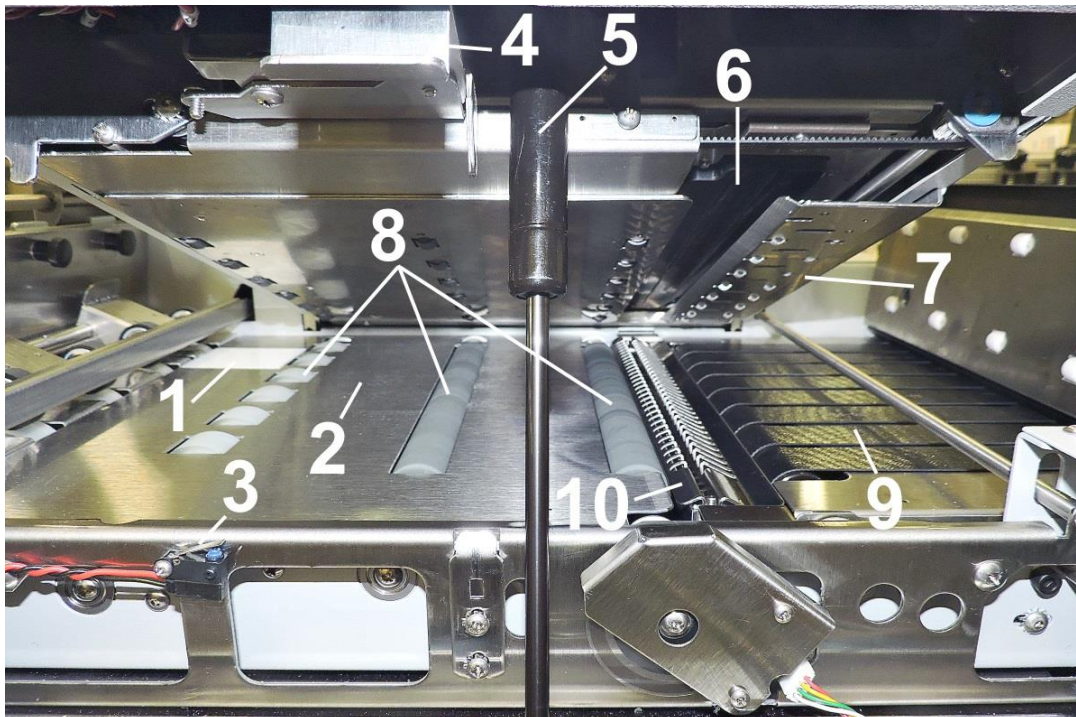
Print Area View (Under Clamshell)

1.	**Media (Entry) Sensor Reflector** – Reflects beam back to Entry Sensor to indicate next piece of media is coming into printing position.
2.	**Print Platen** – Flat surface helps media transport smoothly through Print Area.
3.	**Clamshell "Open" Switch** – Signals Printer when the Clamshell Latch is released and Clamshell is opened. Shows on Touchscreen display and in Toolbox System Status icon.
4.	**Clamshell Latch** – Release to raise Clamshell to clear media jams or for cleaning and other maintenance.
5.	**Clamshell Support** – Holds up Printhead Assembly during maintenance and service.
6.	**Service Station** – Cleans Printhead Cartridge of excess ink and debris, keeps Printhead hydrated and protected when not in use, captures ink used to keep nozzles clear and directs it to the Waste Ink Tray. Service Station moves out of the printing path during printing.
7.	**Exit Starwheel Assembly** – Helps media exit smoothly from the Printer.
8.	**Transport Rollers** – Keep media moving through Print Area.
9.	**Media Exit Conveyor** – Moves printed media out of the Printer.
10.	**Ink Drip Cover and Tray** – Located under Printhead. Catches any excess ink coming from Service Station and Printhead.
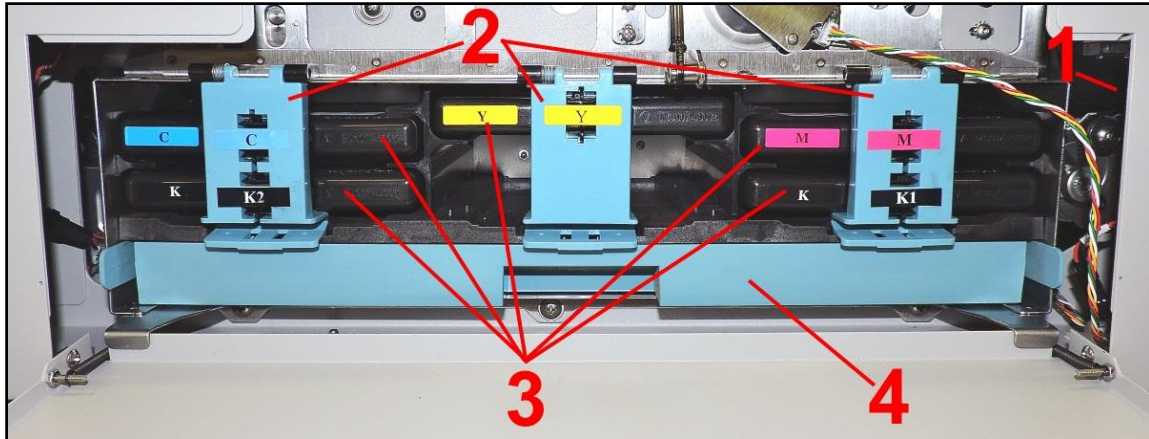
Ink Tank Door View

1.	**Ink Tank Disconnect Switch** – When Ink Door is opened, Switch shuts down communication between Printer and Ink Tanks for safe removal and replacement.	
1.	**Ink Tank Securing Latches** – Used to hold Ink Tanks in slots. *NOTE*: Make sure both sides at bottom part of latch are engaged.	
3.	**Ink Tanks** – Printer has 5 Ink Tanks: Cyan, Yellow, Magenta, Black, Black	
4.	**Ink Waste Tray** – Catches any waste ink produced by system. Tray is filled with absorbent material. Pull on tab to remove Tray.	

Control Panel Button/LED Indicators

Control Panel has three buttons with LED indicators.

POWER (ON/OFF) – Turns Printer power ON and OFF.
Turn off power for cleaning and maintenance.

Works Cited:
FP. "Operator Manual." Edge Pro Support, 12 Mar. 2019, download.fp-usa.com/product_docs/EDGE-Print-Series/m1_operator_manual.pdf.