

# FALCON OUTDOOR BASIC OPERATION GUIDELINES

The Falcon Outdoor Printer control panel distinguishes three operation modes:

1. Direct Access Operation
2. Shift key Operation
3. Menu Mode Operation

The **Direct Access Operation** allows users to immediately address frequently used functions. **Shift Key Operation** provides access to SPECIAL FUNCTIONS. **Menu Mode Operation** enters the menu structure and allows changes of the overall printer setup.

The numbers below refer to the accompanying illustration:

## I. Status indicator LEDs

The status indicator LEDs show the current printer status. The **DATA LED** monitors DATA status: LED ON indicates data is being received. LED FLASHING means DATA is being processed.

The **ERROR LED** is ON after an ERROR has occurred, to indicate a possible hazardous situation. The LED will go out if the error is corrected or after pressing the **CANCEL key**.

## II. Direct Access Keys

The direct access keys are indicated in Green and allow the user to immediately access specific functions:

1. Pressing **CLEANING** will start a cleaning cycle. To perform a cleaning, the media hold lever must be down and it is best that no media is loaded.
2. Pressing **QUALITY/SPEED** will change the output quality and speed. Each time the key is pressed you will notice the LED indicator showing the current status: *High Quality, Normal* and *High Speed (Economy)*. The set-up can only be changed in idle status. As soon as data is coming in and/or is being processed, pressing the key will not have any effect. When all 3 lights are on the printer prints BLACK only.
3. Pressing **RESOLUTION** will change the output resolution between 1440 Interpolated, 720 and 360 DPI. The set-up can only be changed in idle status. As soon as data is coming in and/or is being processed, pressing the key will not have any effect.
4. Pressing **MEDIA** will change the media selection between ROLL media and CUT SHEET media. Always make sure to select the correct media type, prior to loading media. Sheet mode will produce media load errors when printing on a roll.

### III. Shift Key Operation

The **SHIFT KEY OPERATION** gives access to the function block indicated in YELLOW on the control panel. Shift-Key functions are indicated below:

1. **SHIFT + HEAD Align** launches the head calibration procedure. This procedure already has been carried out in the factory. Use this function if you are changing from thinner to thicker media types. It can otherwise be left alone.
2. **SHIFT + Quality** generates a test plot for testing basic media acceptance.
3. **SHIFT + Vacuum** plots out the printer's mechanical and user definable settings. It is best to plot out these settings after your printer is set-up and fully functional. It

will help you to reset your printer to the correct settings when some parameter is changed unintentionally. Also the printer settings print is helpful to have at hand when calling your dealer or Mutoh authorized service center.

4. **SHIFT + Menu or Resolution** allows the user to manually advance or rewind the media. This function is helpful when some area of the media is dirty or damaged. In this case, feed the media forward and cut off the affected media with a knife. Please note this function will only work with ROLL MEDIA.

### IV. Menu Mode Operation

The **MENU MODE OPERATION** is used to change printer settings and parameters. All keys which are needed for the menu mode operation are enclosed in yellow. The function of the MENU-MODE keys is as follows:

1. **MENU** : Press this KEY to switch from ONLINE status to menu mode operation.
2. **MENU UP** : Press KEY go to the PREVIOUS MENU, when in menu mode.
3. **MENU DOWN** : Press KEY go to the NEXT MENU, when in menu mode.
4. **MENU BACK** : Press KEY to back out of menu levels or to switch back to ONLINE when in top menu level.
5. **VALUE +** : Press KEY to select the next menu option, or to increase a parameter value.
6. **VALUE -** : Press KEY to select the previous menu option or to decrease a parameter value.
7. **ENTER** : Press KEY to ACCEPT a new setting or ENTER a next MENU LEVEL.

### v. CANCEL Key

The **CANCEL key** is a special key, controlling both the **CANCEL FUNCTION** as well as the **ROLL MEDIA CUT** function. The table below gives an overview of the different possibilities:

Plotter Condition	Result by pressing CANCEL
Idle Status	Roll media is cut at the current position
Receiving Status	Process stops
Process Status	Buffer is cleared
Printing Status	Print is canceled, Buffer is cleared

Sometimes, roll media is damaged by packing tape. In this case use the Roll media advance function to advance the media beyond the damaged area, prior to cutting off.