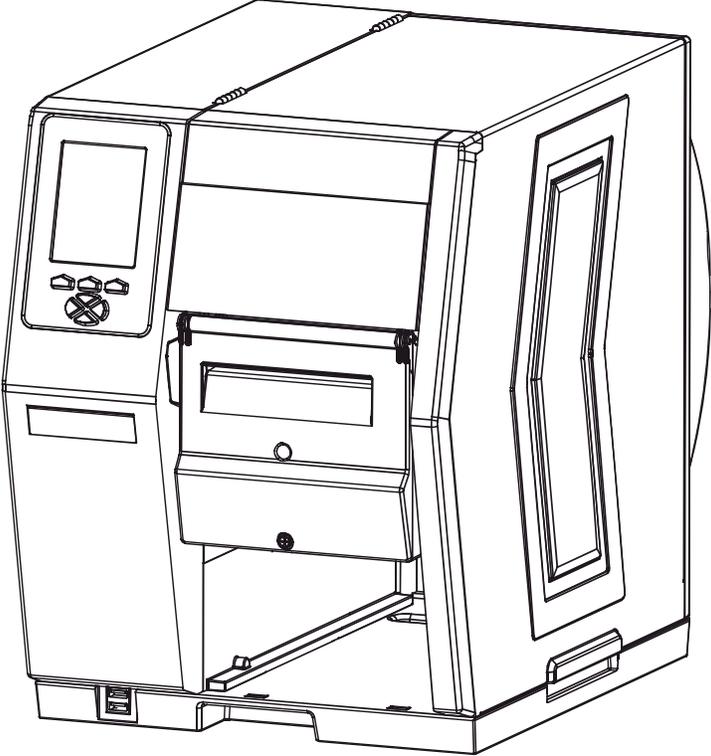


H-Class™

Cutter Option ■■■



right by our customers. ■■■



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Overview

This document describes the contents, installation, and use of the Cutter option for the H-Class printer. After verifying the contents of the kit and the tools needed, follow the steps below to install and begin using the cutter. A maintenance procedure and a parts list are also included, so keep this documentation for future reference.



For your safety and to avoid equipment damage, always turn 'Off' power and unplug the printer's power cord before beginning this installation and when performing service.

Contents of the Cutter Kit

This kit contains the following item:

Cutter Assembly

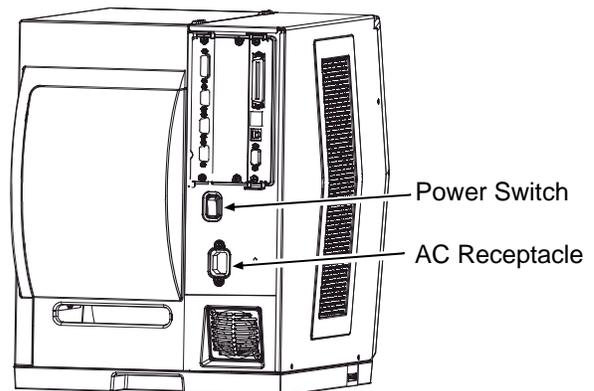


Tools Required

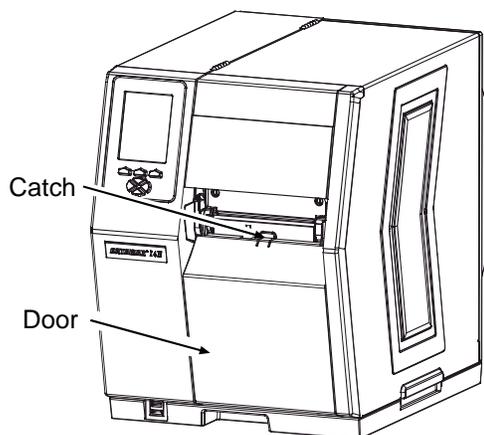
To install this option, you will need a standard screwdriver (and to perform maintenance, you will need a Philips screwdriver).

Step 1: Preparing the Printer

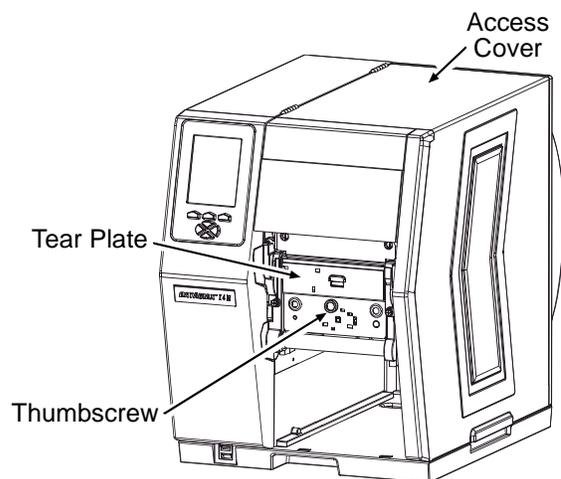
A) Turn 'Off' the **Power Switch** and unplug the power cord from the **AC Receptacle**.



- B)** Press down on the **Catch**, then pull forward to remove the **Door**.



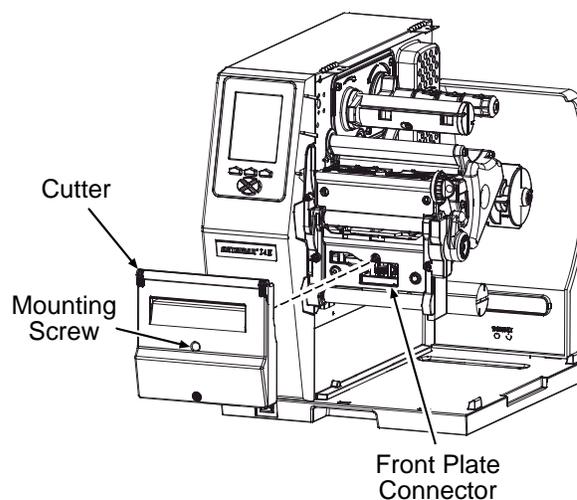
- C)** Raise the **Access Cover** and remove your media from the printer.



- D)** Remove the **Thumbscrew** and **Tear Plate**.
(Alternately, if equipped with an Arc Plate, Present Sensor, or Peel and Present option, remove that device.)

Step 2: Installing the Cutter Assembly

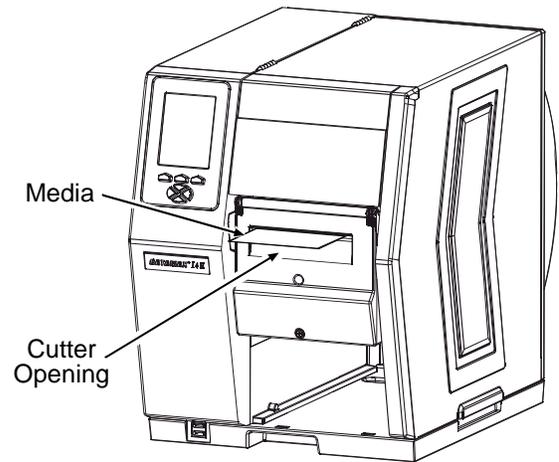
Carefully press the **Cutter** into the **Front Plate Connector** and tighten the **Mounting Screw** to secure the **Cutter** to the printer.



Step 3: Using the Option

During operation, cut labels will be dispensed after printing. Begin using the option as follows:

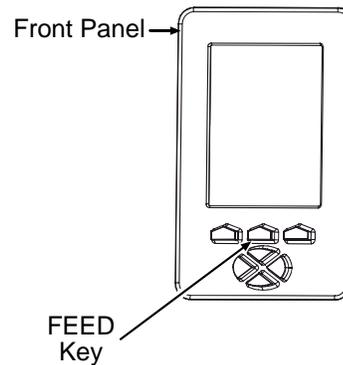
A) Load **Media** (see the *Operator's Manual* for details). Then, route the **Media** out the **Cutter Opening**.



B) Plug the power cord into the AC Receptacle and turn 'On' the Power Switch.

C) Ensure that **READY** is displayed on the **Front Panel** then press the **FEED Key**, and proceed according to your observations:

- If a cut label is dispensed, this completes the installation; or,
- If the label feeds forward without being cut, proceed to Step 4: "Configuring the Printer."



Note: The operation of the Cutter can also be controlled by host software commands, so ensure that your labeling program is properly configured for use, and for cutting labels to the desired size.

Step 4: Configuring the Printer

While the Cutter option is a plug and play device, this step may be necessary if the printer's default configuration has been changed. Follow the steps below to configure the printer:

Note: *In the following procedure, consult the Operator's Manual for detailed front panel instructions.*

- A)** Press the **MENU Button** on the printer's front panel.
- B)** Using the **DOWN Button**, scroll to **PRINTER OPTIONS** then press the **RIGHT Button**.
- C)** Using the **DOWN Button**, scroll to **CUTTER** then press the **ENTER Key**.
- D)** Using the **DOWN Button**, scroll to **AUTO** then press the **ENTER Key**.
- E)** Press the **EXIT Key** then, at the **SAVE CHANGES?** prompt, select **YES**.
- F)** Turn the **Power Switch** 'Off' and 'On' to reset the printer and complete the configuration.

Maintaining the Cutter

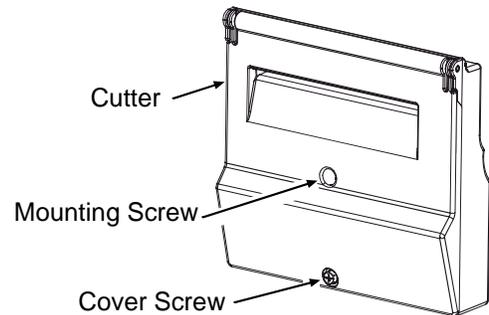
To ensure trouble free operation, the Cutter should be cleaned after printing each roll or box of labels. Additionally, if the cutting action becomes sluggish, immediate cleaning is recommended. Clean the Cutter as follows:



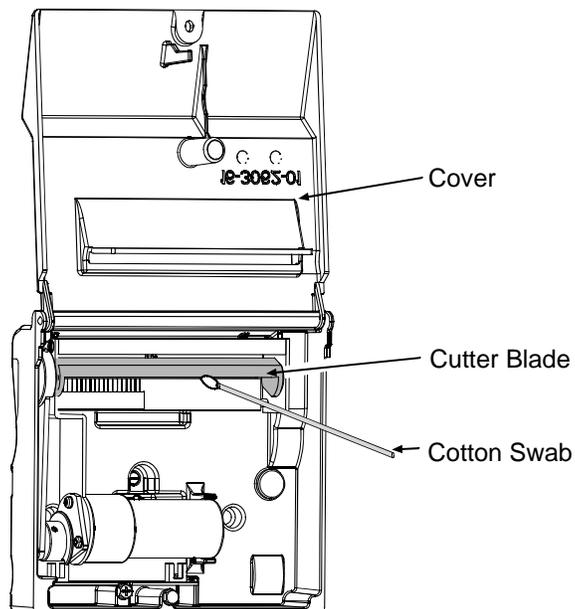
Cutter Blades are SHARP: Keep body parts away from the cutting surfaces. Never use metal objects on the cutting surfaces. Take proper precautions when using isopropyl alcohol, a flammable liquid.

1. Turn 'Off' the Power Switch and unplug the power cord from the AC Receptacle. Raise the Access Cover and remove the media from the printer.

2. Loosen the **Mounting Screw**, remove the **Cutter** from the printer, and then remove the **Cover Screw** from the **Cutter**.



3. Open the **Cover**. Using compressed air, remove any debris inside the mechanism, and then using a **Cotton Swab dampened** with alcohol, wipe the **Cutter Blade** surfaces clean. Allow the blade to dry.



Note: For cleaning heavy deposits from the blade, WD-40 or another non-damaging adhesive remover can be substituted – provided it is carefully and sparingly applied using a cotton swab. Never spray WD-40 directly onto the assembly; severe damage can result.

4. Close the Cover, then reinstall and tighten the Cover Screw.

5. Carefully press the Cutter Assembly into the Front Plate Connector and, using the Mounting Screw, secure the assembly to the printer.

6. Reload media and close the Access Cover to complete the procedure.

Cutting Requirements

Table 1, below, lists the media requirements for use with the cutter option. For a complete listing of media requirements, see the *Operator's Manual*.

Description	Minimum		Maximum	
	Inches	Millimeters	Inches	Millimeters
Media Width	1.0	25	4.5	114
Media Weight Maximum	180 g/m ² (see note below)			

Table 1

The values in the following tables are only provided as a guide and should not be used as specifications since variances within the same basis weight can occur due to the characteristics of the stock. In addition, similar weight stocks can vary between manufacturers.

Note: The cutter may be able to cut heavier media than indicated, but it is recommended that cutting performance be verified by testing the cutter with the intended stock.

- Table 2 shows the approximate media thickness in mils (thousands of an inch) relative to the metric weight for that media.
- Table 3 shows the different basis weights for the differing media types, which are “equivalent” in weight when compared to the metric weight.

Metric Weight to Thickness in Mils					
Metric Weight (g/m ²)	Copy Paper (mils)	Business Card Stock (mils)	Ticket Stock (mils)	Label w/ Liner Stock (mils)	Linerless label stock (mils)
50	2.7	2.8	2.1	2.0	1.8
60	3.2	3.4	2.5	2.4	2.2
70	3.7	3.9	2.9	2.8	2.6
80	4.3	4.5	3.3	3.2	2.9
90	4.8	5.0	3.7	3.6	3.3
100	5.3	5.6	4.2	4.0	3.7
110	5.9	6.2	4.6	4.4	4.0
120	6.4	6.7	5.0	4.8	4.4
130	6.9	7.3	5.4	5.2	4.8
140	7.5	7.9	5.8	5.7	5.1
150	8.0	8.4	6.2	6.1	5.5
160	8.5	9.0	6.6	6.5	5.9
170	9.1	9.5	7.1	6.9	6.2
180	9.6	10.1	7.5	7.3	6.6

Table 2

Metric Weight to Equivalent Weight in Lbs			
Metric Weight (g/m ²)	Basis Weight (Copy Paper)	Basis Weight (Card Stock)	Basis Weight (Tag stock)
60.0	16.0	22.0	37.0
66.6	18.0	24.0	41.0
74.0	20.0	28.0	45.0
88.8	24.0	33.0	55.0
103.6	28.0	39.0	64.0
118.4	31.0	44.0	73.0
131.7	35.0	48.0	82.0
135.5	36.0	50.0	83.0
148.0	39.0	54.0	91.0
150.5	40.0	56.0	93.0
161.8	43.0	60.0	100.0
165.6	44.0	61.0	102.0
175.8	47.0	65.0	108.0
199.4	53.0	74.0	122.0

Table 3

