Procedure

English

Adjusting the Punch Detector on Platesetters with MCU Configurations

399Z1R076A Rev C

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Adjusting the Punch Detector

This procedure describes how to adjust the punch detector on all *Kodak Lotem* platesetters and *Kodak Magnus* platesetters with MCU configurations.

Punches are available in three different widths to accommodate single, double, and triple punch requirements with either short or long punch guides.

Important: On the 400 series platesetters, install only long punch guides (supplied with the punch kit).

On the *Magnus* 800 and *Magnus* VLF platesetters only, remove the screw that secures the punch block to the punch beam and replace with the metric screw supplied with the punch kit.





Double/triple punch
69 mm (2.72")

Double/triple punch
50 mm (1.97")

Double punch
30 mm (1.18")

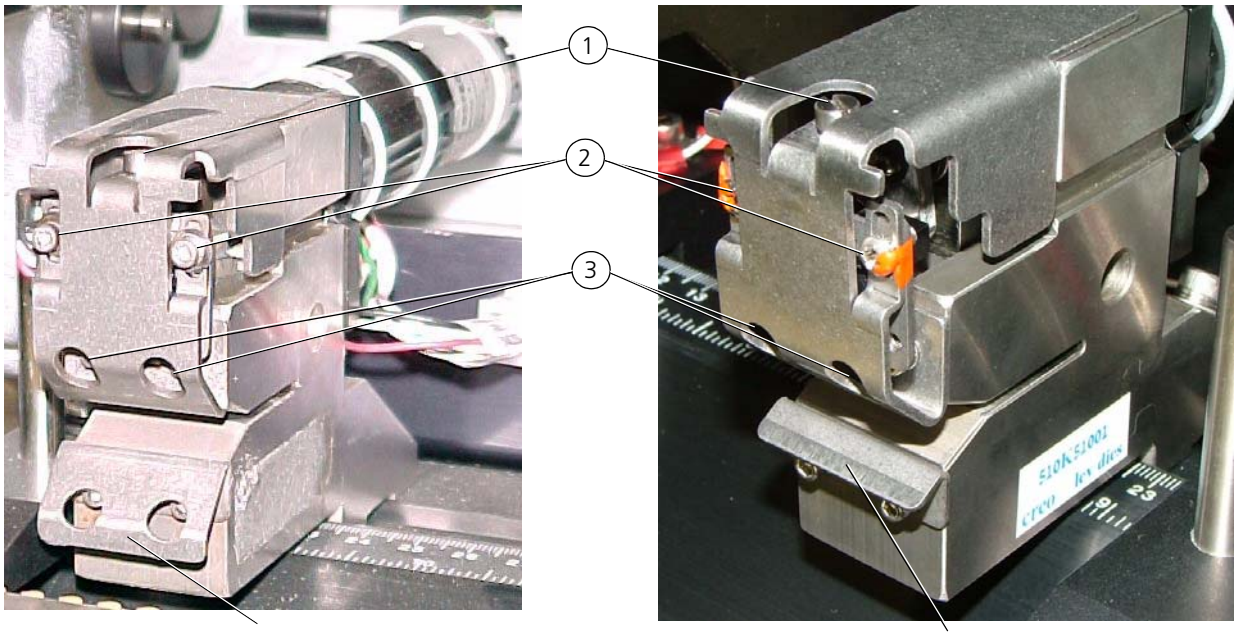
Single punch
30 mm (1.18")

Products

- *Lotem* 400 platesetter
- *Lotem* 400 Quantum platesetter
- *Lotem* 400 Xpose platesetter
- *Lotem* 800 platesetter
- *Lotem* 800 II platesetter
- *Lotem* 800 II Quantum platesetter
- *Lotem* 800 Quantum Spectrum platesetter
- *Magnus* 400 platesetter
- *Magnus* 400 Quantum platesetter
- *Magnus* 800 platesetter
- *Magnus* VLF platesetter

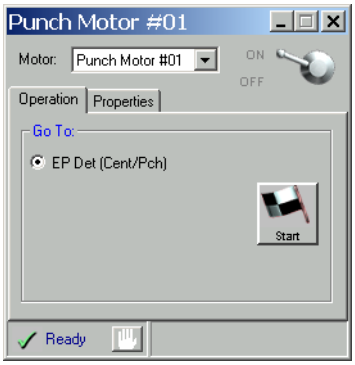
Procedure

Important: When adjusting the punch detector, do not touch the two #3 screws.



1	Screw #1
2	Screw #2
3	Screw #3

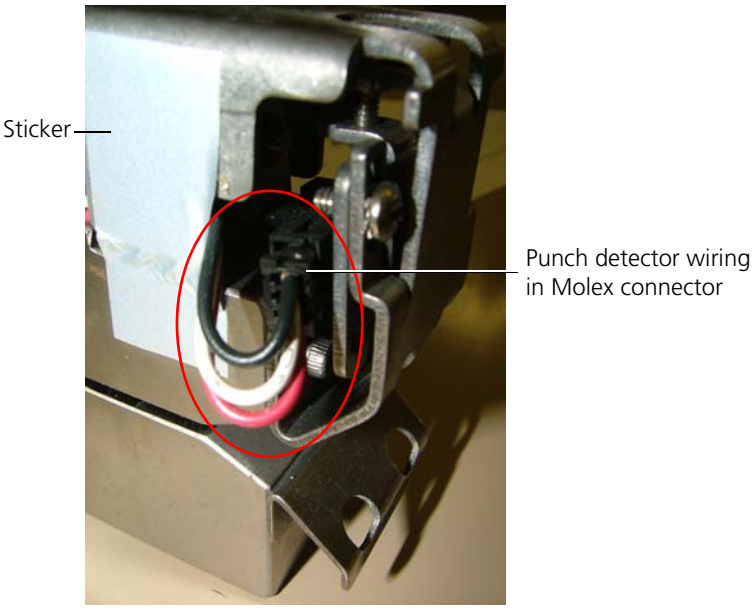
1. On the punch, loosen the two #2 screws.
2. Activate the punch.
   a. In *Lotem* or *Magnus* Controller, select **Utilities > Hardware > Punch System > Punch Motors**.
   b. Double-click the relevant punch motor and click **Start**.



3. Rotate screw #1 clockwise, until the punch motor is running smoothly without interruption, and then rotate the screw counterclockwise, until the punch motor stops.
4. After the motor stops, thoroughly rotate screw #1 counterclockwise another one and a half rotations.
5. Tighten the two #2 screws.
6. Activate the punch and verify that it is working properly. Make sure that the punch rod is not blocking the punch plate slot.

Changing the Location of the Detector Wiring

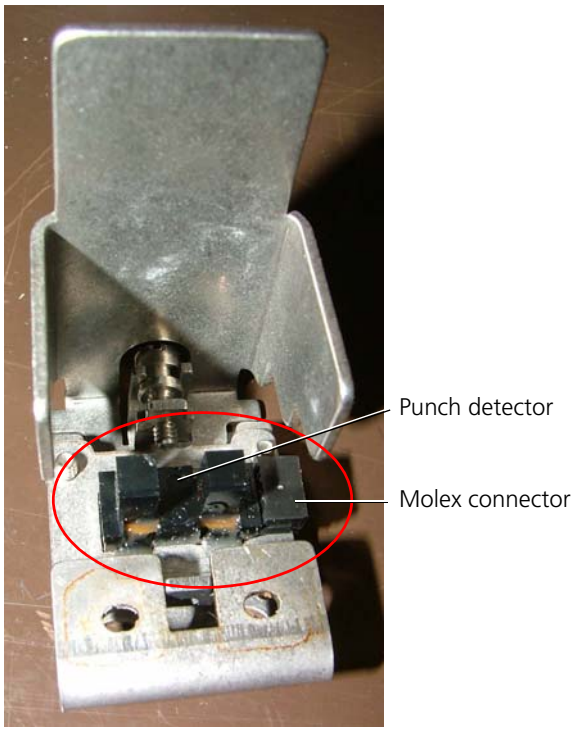
Note: Change the location of the punch detector wiring before adjusting the punch detector.



To change the location of the punch detector wiring:

1. Disconnect the Molex connector that contains the punch detector wiring from the punch detector.
2. On the punch, remove the two #3 screws that help to secure the detector holder to the punch and set aside.
3. Remove the two #2 screws that help secure the detector holder to the punch and set aside.

4. Manually turn the punch detector upside down and reconnect the Molex connector (with wiring) to the punch detector.



5. Return the two # 2 screws and tighten.
6. Return the two #3 screws and tighten.
7. (Optional) On the side of the punch, place a sticker over the exposed wires so that they do not interfere with the smooth operation of the punches.

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