

Tray 3 – Paper Handling Module

Blower Operation

The two blowers fluff the paper to aid pick up by the feed head assembly. They are controlled by the machine software but can manually be turned off and on, with or without heat selected by the operator. The blowers are not designed to dry the paper.

- The IOT PWB controls the blowers, but can be overridden by operator.
- Blower 1 (closest to feed assembly) has a heated air supply, by default this blows cold air but using algorithms, depending on the paperweight, humidity and temperature the heater is turned on to supply hot air. Hot air aids separation of heavy weight and glossy paper at high humidity.
- Blower 2 only blows cold air. Like blower 1, the software or operator enables it when the paper length is greater than 297mm in the process direction.
- In front of each blower a shutter moves up and down, the purpose of this is to vary the angle of the air and ensure the paper is separated more efficiently. The same motor drives both shutters. (See next page for component locations).
- In front of Shutter 1 is a home sensor, which detects the start position of the shutter.

NOTE: There is no sensor in front of shutter 2. If a shutter is broken, the IOT PWB will not detect it.

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Blower Operation (continued)

