



## Testing of the Device

### Description of FAT tests

#### Range of tests: 1 day

Quality of the welding - the welded joint must withstand the suspension of the sandwich in the air by any of its layers for at least 10 seconds.

Setting of collating programs (1 program for 3x5 – PC sandwich and 1 program for 3x7 – PVC sandwich).

Repeatable collating accuracy for both formats - 30 sandwiches will be collated to verify that the device still behaves the same way and has the same result.

Verification of collating speed (approx. 12 sheets in 15 minutes), dimensions and positions of punching for pins (according to a sample sheet from the current collating machine).

Verification of the possibility of setting up to 10 layers with registration crosses for 1 sandwich.

Verification of the functionality of the station for measuring the thickness of materials during collating.

The ability to weld weak foils and thick pre-laminates.

Ability to register different colors of crosses.

Ability to shine through a white sheet and register a cross printed on the underside of the sheet.

Verification of the implementation of all parameters listed in the technical specification.

### Description of SAT tests

#### Range of tests: 1 day

Quality of the welding - the welded joint must withstand the suspension of the sandwich in the air by any of its layers for at least 10 seconds.

Setting of collating programs (1 program for 3x5 – PC sandwich and 1 program for 3x7 – PVC sandwich).

Repeatable collating accuracy for both formats - 30 sandwiches will be collated to verify that the device still behaves the same way and has the same result.

Verification of collating speed (approx. 12 sheets in 15 minutes), dimensions and positions of punching for pins (according to a sample sheet from the current collating machine).

Verification of the possibility of setting up to 10 layers with registration crosses for 1 sandwich.

Verification of the functionality of the station for measuring the thickness of materials during collating.

The ability to weld weak foils and thick pre-laminates.

Ability to register different colors of crosses.

Ability to shine through a white sheet and register a cross printed on the underside of the sheet.

Verification of the implementation of all parameters listed in the technical specification.