



The SheetMaster® Flex document securing system

The SheetMaster Flex applies first line, laser perforated security features that give you a competitive advantage. The system is specially designed for flexibility so that you can process various types of documents.

First line security

The SheetMaster Flex applies laser perforated security features in order to protect each document in a unique way. As these security features are difficult to counterfeit, easy to verify and virtually impossible to remove, they offer secure protection against counterfeiters and forgery.

Versatility

It is easy to use the SheetMaster Flex for different documents and security elements. It can process paper sizes from A4 to A2 format and up to four

lanes of documents per sheet. The SheetMaster Flex can be equipped with additional laser heads, printing heads and cameras in order to increase throughput and functionality.

Industrial design

The system is designed for sustained high quality production in an industrial environment. The ergonomic design, the user friendly touch screen and the ease of use allow the operator to control the system easily under all circumstances.

Highlights

- **Applies first line, laser perforated security features that give you a competitive advantage**
- **No consumables**
- **High flexibility allows various documents to be processed on one system**
- **Easy and quick switch-over from one job to another**

Tilt your expectations



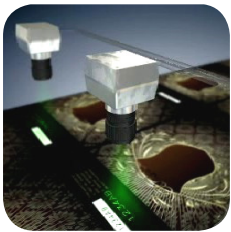
iai industrial systems



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How much flexibility do you need?

Feeder. The feeder can hold a large pile of sheets. One sheet at a time is taken from the top of the pile. A double sheet detection device assures that only single sheets are fed into the system. The sheets are processed at high speed.



Number reading

Cameras can read a preprinted number so that the perforated number can be matched.



Laser perforation

Sheets are accurately positioned to ensure that the laser perforations are applied at the correct position.

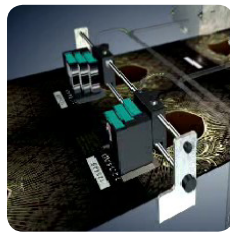


The two laser heads each apply one or more features into the document's substrate.

Different laser perforated security features can be applied, such as numbers or logos. Optionally, the Sheet-Master Flex can



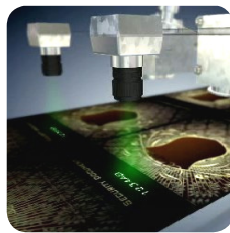
be extended up to four laser heads in order to obtain more flexibility and speed.



Inkjet printing.

The Sheet-Master Flex system can be equipped with industrial inkjet printing heads

for numbering of documents printed in sheets. Laser applied security features may again contain the printed document number.



Verification.

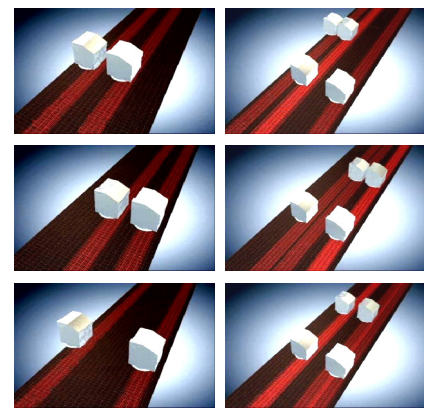
Cameras verify whether the perforations are applied correctly.

Tab inserter. This unit applies a removable marker on a sheet. The application of a marker can be used for stacking each one hundred sheets for instance, or to indicate a rejected sheet.

Stacker. Processed sheets are transported to the output stacker, where the operator can safely remove them. The stacker can hold a large pile of sheets.

Flexibility

- Sheet size from A4 to A2
- Paper grammage from 80- 120 g
- Flexible position of laser heads, cameras and print heads



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