

FUNCTION CONTROL

Sheet Counting Technology—BECAUSE QUALITY COUNTS



Sheet Counting Technology

Function Control is the global leader in optical sheet counting and ream marking for paper, board, corrugated and other materials. The vision-based technology measures objects at a micro level.



Compact 60

Optical sheet counter for corrugated board up to stack height:

- 1,524 mm
- 60 inches

Board caliper:

Micro flutes - double wall flutes

Stack height:

- 305 to 1,524 mm
- 12 to 60 inches

Focus range:

- 406 to 1,422 mm
- 16 to 56 inches

Accuracy: > 99.5%

Cycle time: < 9 sec

Metro 95

Optical sheet counter for corrugated board up to stack height:

- 2,400 mm
- 95 inches

Board caliper:

Micro flutes - AAA flute

Stack height:

- 400 to 2,400 mm
- 15.7 to 94 inches

Focus range:

- 340 to 640 mm
- 13 to 25 inches

Focus range MCS:

- 640 to 1,640 mm
- 25 to 64.5 inches

Accuracy: > 99.5%

Cycle time: < 10.5 sec

Metro 6M

Linear System for counting and marking one side of the skid

Board caliper:

- 0.06 to 0.50 mm
- 0.002 to 0.0196 inches

Stack height:

- 450 to 1,800 mm
- 1.77 to 70.8 inches

Stack width:

- 400 to 1,650 mm
- 15.7 to 64.9 inches

Cycle time: < 30 sec

Accuracy: > 99.5%

Marked stacks/pallet: 1 stack

Metro 6RM

6-axis robot system for counting and ream marking multiple sides of the skid

Board caliper:

- 0.06 to 0.50 mm
- 0.002 to 0.0196 inches

Stack height:

- 100 to 1,830 mm
- 4 to 72 inches

Stack width:

- 400 to 1,650 mm
- 15.7 to 64.9 inches

Cycle time: < 60 sec

Accuracy: > 99.8%

Marked stacks/pallet: 1 stack



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Function Control systems are found in a wide variety of industries, providing consistent, accurate and documented sheet count—resulting in improved quality and reduced cost.

BETTER QUALITY COUNTS

Industries

Corrugated Board



Quantity based invoicing has been around since the beginning. Customers in the value chain simply expect to get what they pay for and pay for what they get. The Function Control sheet counters for corrugated board, count your board accurately and assure that you invoice what you supply, and supply what you invoice.

Carton Board



A sustainable carton board value chain faces increasing customer and environmental efficiency demands. Accurate sheet counts and deliveries based on quantities rather than on weight can contribute to this sustainability.

Function Control systems improve the service quality in the finishing department of the carton board mill by counting the number of sheets in the skid and optionally marking reams in the preferred ream quantity.

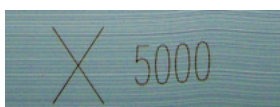
The counting results can be stored in your database management system and used for accurate invoicing to your customers or to track and trace information concerning sheet quantities for specific customer orders.

Fine Paper



The Function Control systems for fine paper are able to count even the thinnest paper calipers accurately. You are able to store the delivered number of sheets with other data in your customer database for tracking and tracing reasons, knowing exactly how many sheets you have delivered.

Additionally, you can mark the reams on the stack without touching it or inserting tabs. Laser marking gives you the advantage of permanent ream markings rather than removable tabs and they give no impression on the paper edges. Laser ream marking is clean, smooth and quick.



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Chicago Electric is a world-class system integrator offering leading technology, comprehensive capability, and extensive experience. Founded in 1910, we are family owned and proud of our long heritage of quality workmanship and outstanding customer service. We are in the business of making our customers' manufacturing... better... faster... smarter!

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FUNCTION CONTROL

Function Control specializes in sheet counting technology and is based in the Netherlands. Chicago Electric is the exclusive sales partner and system integrator for Function Control in North America.

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