

COUNTING SYSTEMS FOR THE COMMERCIAL PRINTING AND PAPER INDUSTRY



# The World Counts on Vacuumatic

For over half a century the world has been enjoying the benefits of Vacuumatic's pioneering paper counting technology.

We are global leaders in the production of state-of-the-art paper counting, batch marking and tabbing equipment, from benchtop to flow-line units.

Vacuomatic supplies the security and commercial print industries, paper mills and converters with highest quality products.

When you are working long term with the world's central banks, security and commercial printers, government departments, pharmaceutical houses and paper mills there is no room for error and certainly no room for complacency.

Our machines are designed, developed and manufactured in-house, in the UK, for distribution worldwide from our Colchester HQ, via Vacuumatic companies in the US and Germany and through our comprehensive global network of professional distributors.



## What it all adds up to:

Vacuomatic exports equipment to customers in over ninety countries and is the only supplier in the world offering multiple counting technologies; pin-&-blade, rotary disc, optical and tabbing.

Vacuomatic has earned its reputation for precision and reliability; our customers know they can count on us to deliver.

[www.vacuomatic.com](http://www.vacuomatic.com)

The future always brings fresh challenges. At Vacuumatic we enjoy the opportunity of finding viable solutions to the accuracy and security demands faced by our customers.

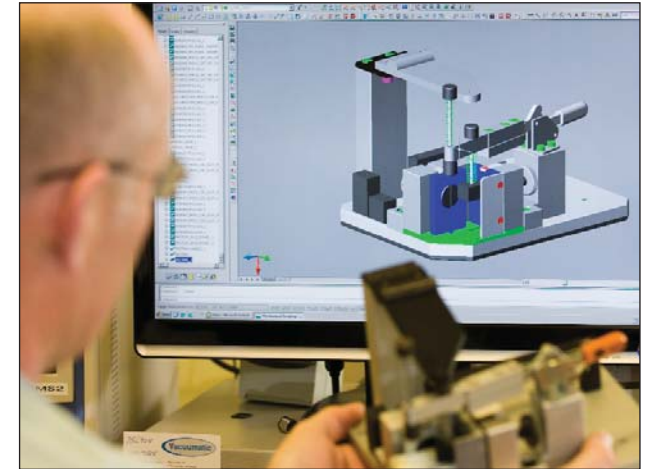
We have a clear focus on our R&D programme; regularly reviewing, upgrading and innovating our product inventory. Our history underlines our long term strategic commitment to progress in the field of paper counting - our stunning new Vicount 3 range, for example, is the latest in a fifty year line of commercial counting machines from Vacuumatic.

Vacuumatic has built its name around quality, accuracy, efficiency and reliability. But more than that, we back up our mission statement to supply the world with pioneering, robust and competitively priced counting technology with the added value of unrivalled after sales service and spare parts support.

Vacuumatic consider customers to be long term partners rather than simply clients. We have a dedicated team of technical experts and spare parts coordinators working alongside a comprehensive network of distributors, covering the globe.

At Vacuumatic our entire product range is produced in-house, from initial concept, design and development, to manufacturing. Not just the mechanics and hardware; we also develop our own electronic components and software solutions.

We can offer a range of customisation options, enabling us to manufacture the highest quality machinery to our customers' exact specifications. We are the only supplier that can offer both security and commercial clients a 'best practice' consultation to identify specific requirements.



## In-house Creativity, Dedicated Support and Customised Solutions



# Single Head Paper Counting Machines

## VICOUNT 3

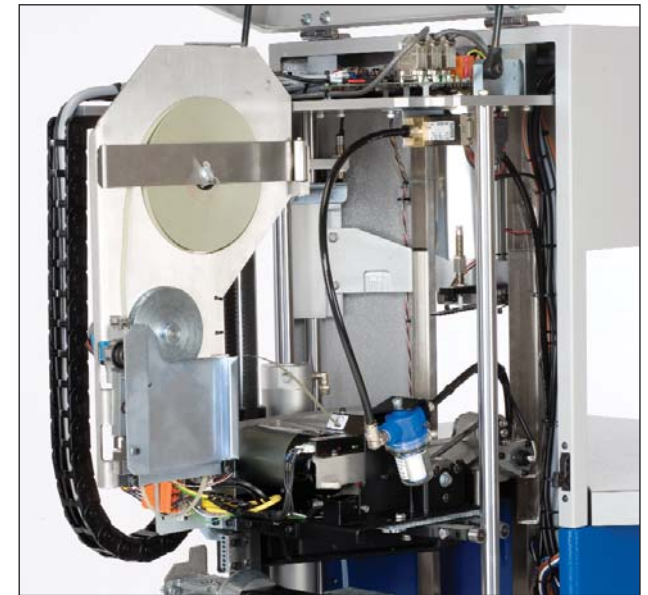
Vicount 3 is Vacuumatic's new generation of single-head paper counting machines for the Security and Commercial Printing industries. Drawing on over 50 years of experience, the Vacuumatic Vicount 3 is the new benchmark for accurate, efficient paper counting and batching.

Available with either Disc or Pin-&-Blade counting technology and a range of formats and options to suit the widest range of applications, Vicount 3 is without doubt the most flexible paper counting machine on the market. The colour touchscreen with icon-based graphics ensures that even inexperienced users can operate the machine efficiently. Options such as Airfloat tables, coupon attachments and a wide variety of Discs and suction blades extend the range of papers and materials that can be accurately counted.

From the basic benchtop machine to the top-of-the-range industrial version, from gift wrap to tax stamps, Vicount 3 is already exceeding the demands of clients around the world.



*Benchtop Vicount 3 showing colour touch screen.*



*Easy access for tape change and maintenance.*



*Floorstanding Vicount 3 with small table.*



*USB data port.*



*Quick change suction blade.*

## Typical Applications

Commercial printing

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Security printing

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Tax stamp manufacturing

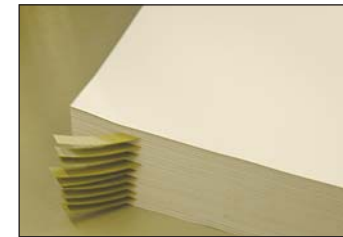
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Padding production

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Paper manufacturing

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*Paper showing inserted tabs.*

### Features

- Choice of counting technologies
- Colour touchscreen with icon based settings
- Range of standard table formats
- Short count cycle times
- Tab insertion as standard

### Benefits

- Suitable for counting a wide range of applications and materials
- Accurate count results guaranteed
- User friendly operation
- Eliminates inconsistencies in batch quantities
- Efficient to run, minimised downtime
- Helps avoid 'overs' and 'unders'



*Floorstanding Vicount 3 with large table.*

# Non-contact Counting Machines for Plastic and Board



Count-S 450B loaded  
with credit card hopper.

## COUNT-S

Count-S is Vacuumatic's solution to the challenge of counting sheets or products made from materials that are too thick or heavy to count mechanically. Count-S incorporates cutting edge optical technology which captures, reads and counts an image of the stack edge, using Vacuumatic's unique software.

By using this method, Count-S is capable of reading a stack of products up to 450mm high and returning an accurate count result within seconds.

Selected for use by the manufacturers of Security, ID and Credit cards, as well as by packaging companies around the world, Count-S is leading the way in the field of optical counting equipment.

## Typical Applications

Security and credit card manufacturing

Packaging production

Pharmaceutical insert production



## Features

- Fast, accurate stack quantification
- Non-contact counting technology
- Counts a wide range of materials
- Colour touchscreen
- Flexible modular construction

## Benefits

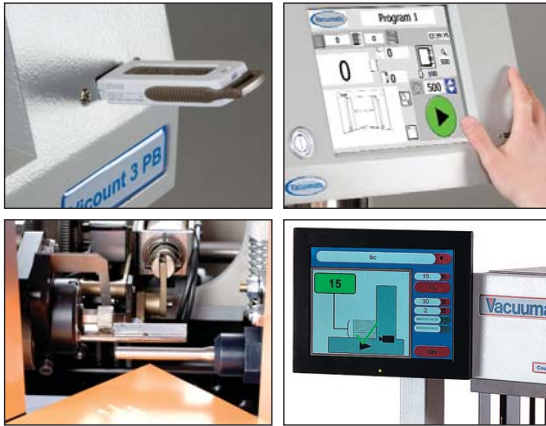
- Optimised productivity
- No marking or damage to products
- User friendly operation
- Can be integrated to existing process lines

# Technical Information

Specification	Vicount 3 PB BT	Vicount 3 PB FS	Vicount 3 D	Count-S
<b>Counting technology</b>	Pin-&-Blade	Pin-&-Blade	Disc	Optical
<b>Maximum counting speed*</b>	2,500 spm	2,500 spm	5,000 spm	450 mm stack in 7.5 secs
<b>Maximum counting speed with tabbing*</b>	2,500 spm	2,500 spm	3,000 spm	n/a
<b>Count cycle time*</b>	3 x 500 sheets in 60 secs	3 x 500 sheets in 60 secs	4-5 x 500 sheets in 60 secs	3 stacks of 450 mm in 60 secs
<b>Maximum pile height</b>	220 mm	220 mm	150 mm	450 mm
<b>Material weight range*</b>	25-200 gsm	25-240 gsm	60-210 gsm (3 discs)	0.1mm to 10mm
<b>Batch size</b>	5-9,999	5-9,999	5-9,999	n/a
<b>Airborne noise</b>	up to 78dB(A)	up to 78dB(A)	up to 78dB(A)	n/a
<b>Maximum total count</b>	999,999	999,999	999,999	999,999
<b>Table format S</b>	600 x 400 mm	600 x 400 mm	600 x 400 mm	640 x 525 mm
<b>Table format M</b>	n/a	760 x 760 mm	760 x 760 mm	n/a
<b>Table format L</b>	n/a	1060 x 760 mm (Airfloat)	1060 x 760 mm (Airfloat)	n/a
<b>Table format Industrial</b>	n/a	2040 x 800 mm (Airfloat)	2040 x 800 mm (Airfloat)	n/a
<b>Electrical specification</b>	230v/50Hz or 115v/60Hz	230v/50Hz or 115v/60Hz	230v/50Hz or 115v/60Hz	230v/50Hz or 115v/60Hz
<b>Net weight</b>	Approx. 200 kg	Dependent on selected table format		64 kg

\* All counting speeds, cycle times and paper weight ranges stated are the results of tests carried out under factory conditions. Actual results may vary depending on paper weight, quality and presentation. Other variables such as batch size, disc type or blade selection may also affect performance.

Vacuomatic have made every effort to ensure the accuracy of the information contained within this brochure. Vacuomatic operate a research and development programme which drives continuous product improvement. The services and product specifications contained within this brochure may change without notice.



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