COMMERCIAL COUNTING SYSTEMS

COUNTING SYSTEMS FOR THE COMMERCIAL PRINTING AND PAPER INDUSTRY

Vacuumatic

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.

Vacuumatic 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:

Vacuumatic 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.

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

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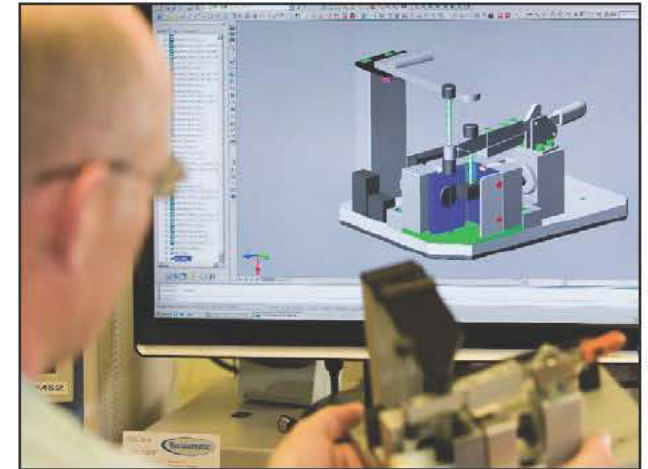
We have a clear focus on our R&D programme; regularly reviewing, upgrading and innovating our product inventory. Our history underlines our long term strategic commitment to progress in the field of paper counting - our stunning new Vicount 3 range, for example, is the latest in a fifty year line of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

Vacuumatic

Single Head Paper Counting Machines
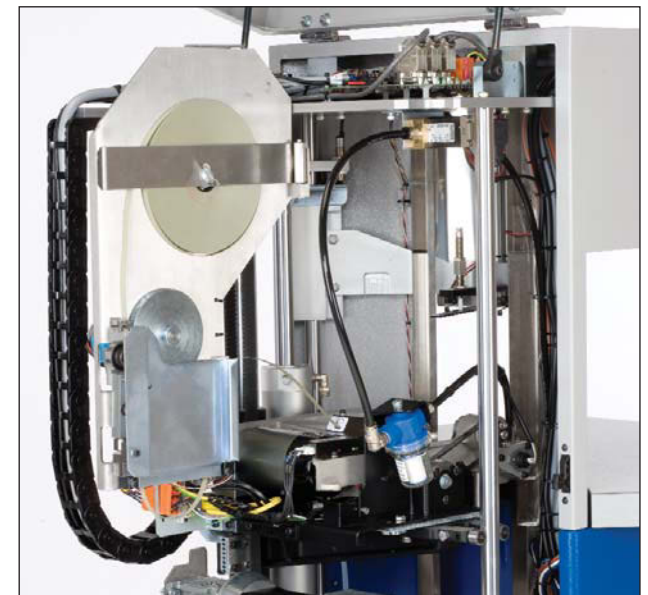
VICOUNT 3

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.

Floorstanding Vicount 3 with small table.

USB data port.

Quick change suction blade.

Easy access for tape change and maintenance.

Floorstanding Vicount 3 with large table.

Typical Applications

Commercial printing

Security printing

Tax stamp manufacturing

Padding production

Paper manufacturing

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'

Non-contact Counting Machines for Plastic and Board

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.

Count-S 450B loaded with credit card hopper.

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

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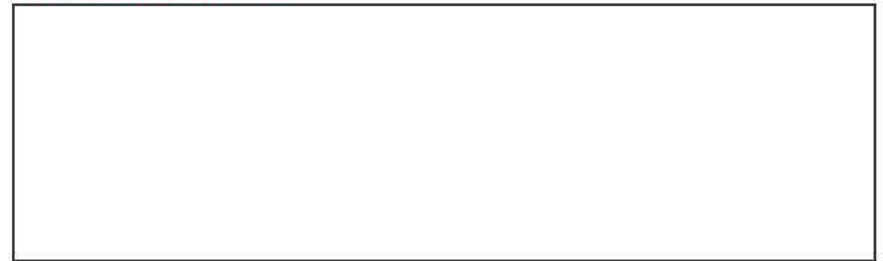
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