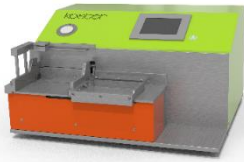


HPC – HIGH PERFORMANCE COUNTING

HPC Counting Machines



köster
Maschinen- und Werkzeugbau



B03 Single Head Counting Machine

Recommended for small format cutsizes from 9x32mm.

Machine dimensions (mm):	630	562	323
Smallest format size (mm):		9	32
Max. ream height (mm):			168
Supplies	Single Phase 240V~50Hz		



B04 Single Head Counting Machine

Recommended for 100 notes bundles amount checking.

Machine dimensions (mm):	495	350	453
Smallest format size (mm):		80	60
Max. ream height (mm):			40
Supplies	Single Phase 240V~50Hz		



B06 Single Head Counting Machine

Counting direction from bottom to top.

Recommended for fast and accurate amount batching.

Machine dimensions (mm):	680	790	1370
Smallest format size (mm):		80	60
Max. ream height (mm):			260
Supplies	Single Phase 240V~50Hz		

B07 Single Head Counting Machine



Recommended for small and medium format cut sizes. Table options can be easily fitted to customer needs.

Machine dimensions (mm):	850	750	770
Smallest format size (mm):		80	60
Max. ream height (mm):			200
Supplies	Single Phase 240V~50Hz		

B10 Double Head Counting Machine



Recommended for sheets ream counting, inline or offline use as part of a production line. Corner or Edge counting positions possible.

Machine dimensions(mm):	1680	1265	2030
Smallest format size (mm):		158	80
Double corner counting without optionally tab inserter			
Max. ream format(mm):	1300	900	200
Supplies	Single Phase 240V~50Hz		

B11 Single Head Counting Machine



Recommended for medium and large format cut sizes. Highly variable counting head position ensuring best ergonomics within the requested table size upon customer order.

Machine dimensions (mm):	1150	1110	1610
Smallest format size (mm):		80	60
Max. ream height (mm):	900	800	200
Supplies	Single Phase 240V~50Hz		



B12 Single Head Counting Machine

Recommended for medium format cut sizes. Variable counting head position ensuring best ergonomics straight and 45° right turned upon customer order.

Machine dimensions (mm):	1640	850	1800
Smallest format size (mm):		80	60
Max. ream height (mm):			200
Supplies	Single Phase 240V~50Hz		

Counting Discs

Corner or edge counting discs.



∅	min. / max. (mm):	112	158
gsm	min. / max. (g/m ²):	35	600
rpm	min. / max. (rpm):	300	3000
seg.	min. / max.:	3	6

Featuring:

State of the art HPC Disc Counting Machines

Counting machines for flexible use on different locations within the production:

- High speed - Up to 300 sheets / second – Fastest machines on the market!
- High flexibility - GSM range 35 – 600 g/m² – Widest Disc range on the market!
- High efficiency - No compressed air required
- High accuracy - 99%

State of the art HPC Disc Counting Technology

Available counting directions:

- Top to bottom
- Bottom to top
- Right to left

Available counting positions:

- Corner counting
- Edge counting

Disc technology provides:

- No damages to the sheet corner or sheet edge
- No folding to the sheet corner or sheet edge
- No marks to the sheet corner or sheet edge
- Sheet to sheet misalignment within high tolerances can be processed
- Up and down corner curl within high tolerances can be processed

All kinds of substrates used in the global printing industry can be damage-free counted on highest speed and highest accuracy:

- Cotton based substrates
- Coated substrates
- Hybrid substrates
- Laminated substrates

The low impact disc design allows the operator to avoid critical security zones on the substrates as security threads, holographic, applications, codes, intaglio printing, etc.

State of the art HPC Recognition System

The built-in recognition system assures that the disc starts and stops accurate depending on the different counting operations definitely to avoid miscounting or mismatching due to non counted but already separated next sheet.

Featuring:

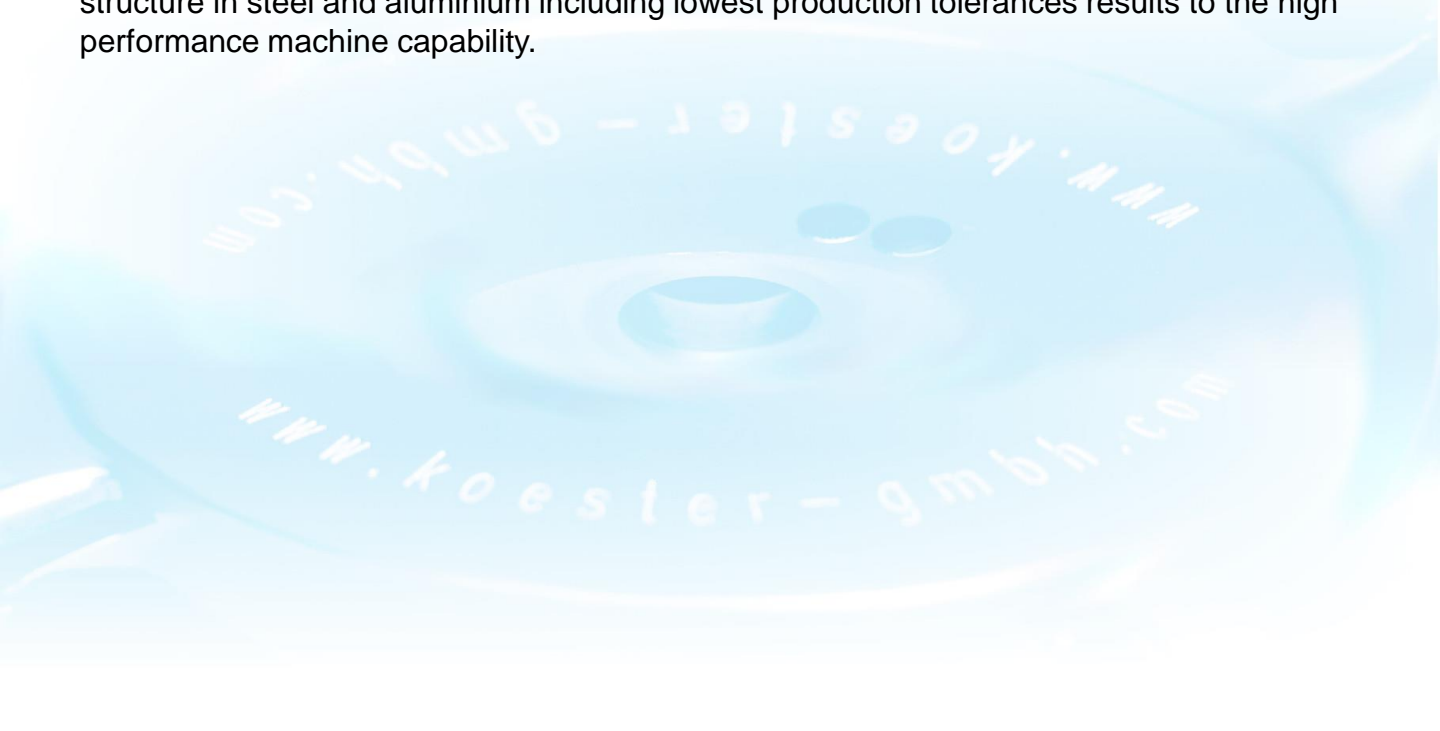
State of the Art HPC PLC Control

Integrated various range of counting operations and equipment functions:

- **Security Counting**, results are compared with presetted value, on mismatch the product is not automatically released.
- **Layers batching**, (not available on all machines) a preselected amount of sheets can be easily batched to a layer. The counting disc is used as separation to provide the operator a gap for easy layer unloading.
- **Tabbing using the optionally available HPC Tab Inserter**, (not available on all machines) high speed tabbing of a preselected amount of sheets with by competitors unreached precision. Due to the special design of the tabbing unit damage-free tabbing is assured. Easy to handle change of the tabbing magazine included tabbing stripe reel monitoring. Tabbing can be independently activated an deactivated.
- **USB firmware or program update**, updates of firmware or program version are very easily performed using an USB memory stick.

State of the Art HPC Machine Design .

- All supplied components are high class products from global manufacturers, mostly available ex stock.
- The non-sophisticated machine design assures easy to handle maintenance, lowest grade and costs as well as highest production availability.
- The counter head is guided on hardened shafts with recirculating ball bushings, the precision-ground drive shaft is mounted in generously dimensioned ball bearings. The robust and precise structure in steel and aluminium including lowest production tolerances results to the high performance machine capability.



HPC – HIGH PERFORMANCE COUNTING

Basic information concerning HPC- Equipment

Counting Machines:

- Maximum counting speed refers generally to the rated maximum rpm value and the machine design.
- It is not granted that maximum speed can be attended using all kind of substrates / materials.
- Warranty time 12 months upon issuing of the acceptance certificate.
- Warranty extension 24 months optionally available.
- Warranty coverage except wear parts.

Counting Discs:

- The details of the GSM values are based on experience and tests. Depending on the product rigidity, these values may differ.
- Older produced counting discs for corner position are designated by 1xx,x for the diameter in "mm" and / or "V8 - V15" depending on the type.
- Newly produced counting discs for corner position are designated by "C1-Cx" depending on the type.
- Newly produced counting discs for edge position are designated by "S1-Sx" depending on the type.
- Warranty for the lifetime of the counting discs is not granted as the abrasive wear depends highly to the processed product.

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