

Bosspak RTC

Tablet/Capsule Counting



Packaging - Processing

Bid on Equipment

1-847-683-7720

www.bid-on-equipment.com

 **Romaco**
EXCELLENCE THROUGH INNOVATION



Counting accuracy at it's best

The RTC 15/30 electronic tablet counter offers a proofed technology for electronic counting. RTC 15 and RTC 30 are ideal for medium and small batch production and also for clinical trial use. User can choose between semi and fully automatic operation.

Every tablet or capsule is positively spaced in the sorting disk ensuring positive separation of tablets or capsules before counting. An optical matrix counter or Quad Count has been specifically designed for this application and represents an approved counting technology for highest accuracy.

The quad count detects tablets or capsules around four sides of the counting head increasing the count zone by 100% on conventional counters. The quad count can detect most broken or chipped tablets or capsules. It also incorporates fail-safe monitoring of all count sensors. The new generation of Bosspak tablet counters are equipped with special coated whells which avoid any statics.

PACKAGING 2
▶ **RTC 15**

Schering GmbH & Co Produktions KG set very high standards for the validation of its Bosspak RTC 200 tablet counter. Romaco had to conduct three complete trial runs of 6.500 bottles with a count of 10 tablets per bottle – and there was not to be a single under- or overcount. This meant a total test involving 19.500 bottles or 195.000 counts. The testers completed the first run and selected 500 bottles at random for verification. All bottles were counted and checked by operators and found to be in order. This procedure was repeated until all runs were validated. Further proof of Romaco excellence was evident, in that not a single broken tablet was discovered in the entire run.

Production Department
Schering GmbH & Co Produktions KG, Germany



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Bottle transport



Counting head



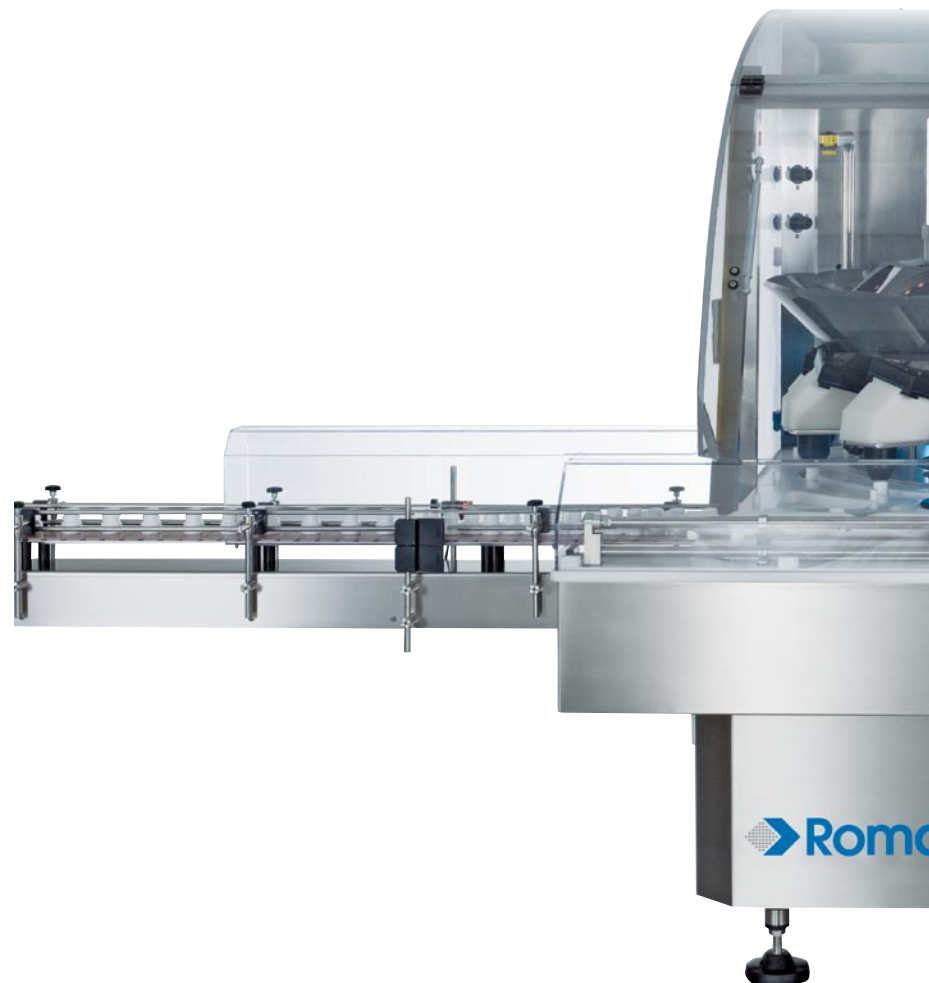
Feed screw

Outstanding design, excellent performance

The RTC 200 rotary tablet counter represents a highly efficient technology for medium and high speed tablet counting.

The rotary design offers positive container handling for tablet and/or capsule filling and counting. This is facilitated by transferring containers from the conveyor onto a central bottle starwheel set below a rotary counting turret.

Each bottle is positively located under each count head, filling and counting tablets and capsules while the bottle are rotating around the turret. After bottles are accurately filled, they exit back onto the conveyor. Tablet or capsule sorting is achieved via 12 rotating disks mounted within the main turret hopper.



The RTC 200 rotary tablet counter is supplied with an integrated touch-screen which features programmability, storage of set-ups and the collection of statistics for batch reconciliation. The experienced and highly skilled Bosspakteam will provide you with individual solutions to reach best performance. The range of tablet counting solutions include complete counting lines from sorting machines until end-of-line equipment.

Advantages RTC

- Positive tablet / capsule separation before counting
- Quad Count – matrix counter for high accuracy
- Rotary continuous motion container filling
- Tool-free changeover
- Semi automatic or fully automatic operation
- Dust control through extraction points
- Vibration free stream filling ensuring products fall one by one into bottle
- Programmability of parameters
- RTC 30 extendable to a 4 head solution for higher speeds



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RTC 200



Reasons to consider the RTC

1. Unique tablet separation via sorting disk offers absolute control of each and every tablet or capsule from sorting disk to counter to bottle.
2. Vibration free stream filling instead of dump filling ensures increased speed, especially with larger capsules to small neck containers with less dust generation and gentle product handling.
3. Rotary continuous motion tablet or capsule separation and counting in conjunction with rotary continuous motion container filling offers higher speed with greater container stability.
4. Screw infeed solution for high speed applications.
5. Quad count via optical matrix counter offers superior detection of broken tablets or capsules and assures high counting accuracy.
6. Fail-safe automatic detection of sensors ensures shut-down of machine if sensors are blocked.
7. Dust control through extraction points strategically positioned on sorting disk and elevator ensures that tablets are dedusted before counting and filling.
8. Dust cleaning for Quad counts through individual air curtain system to avoid cleaning downtimes.
9. User friendly touchscreen control for easy programmability and storage of variables.
10. No tool quick release changeover and quick clean design offers reduced downtime between batches.

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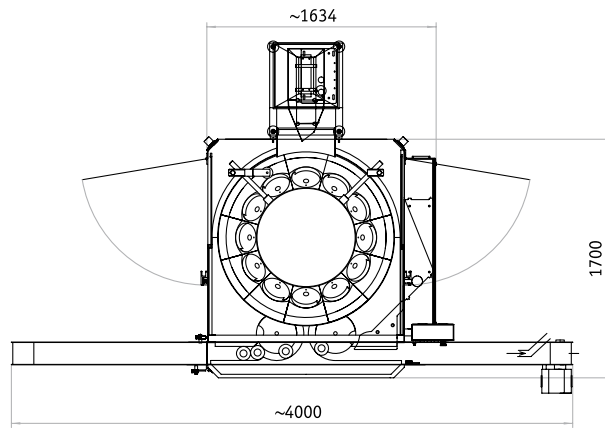
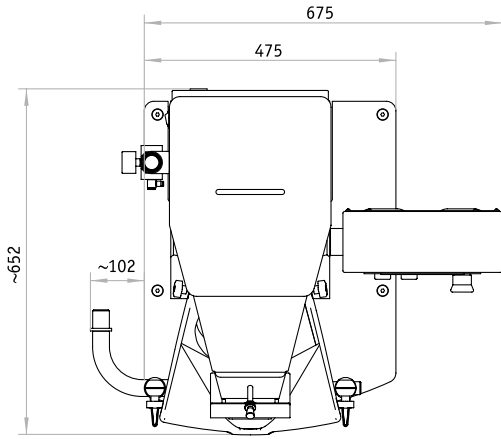
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BOSSPACK



Technical Data RTC

	RTC 15	RTC 30	RTC 200
Speed max count BPM/100	15	30	200
Container specification	–	–	–
Diameter max, mm	100	100	100
Dimensions [LxWxH], mm	100x100x220	100x100x220	100x100x220
Tablet/capsule size	–	–	–
Diameter min – max, mm	2.5–22	2.5–22	3–22
Width min – max, mm	3–22	3–22	3–22
Length min, mm	2.5	2.5	3
Counting stations	1	2	12
Machine size [DxWxH], mm	650x720x620	800x1.200x1.400	2.300x1.760x2.250

The Bosspak tradition of building flexible, robust und easy-to-operate tablet / capsule counting machines has established the company as supplier of choice to the contract and generics markets, where fast change-over, reliability and high utilization are essential. The changing nature of the pharmaceutical sector means that these ideals are now applicable in every pharmaceutical

plant in every part of the world. As such, the appeal of the Bosspak philosophy is now universal. Since Bosspak launched its first machine for the newly emerging packaging market, the company has offered a unique blend of innovation and traditional values, established a loyal following in the packaging sector. Bosspak doesn't just deliver machines: we deliver performance too. Our extensive menu of aftermarket service is designed

to fit seamlessly with your in-house engineering resource, assuring maximum performance and a long life for all your Bosspak machines.

- ◇ Tooling service
- ◇ Spare parts delivery
- ◇ Training programs
- ◇ IQ-/OQ-assistance
- ◇ Pre audit machine inspections

Romaco
Bosspak

Romaco Pharmatechnik GmbH
Am Heegwald 11
76227 Karlsruhe
Germany

Phone +49 (0)721 4804 0
Fax +49 (0)721 4804 225

bosspak@romaco.com
www.romaco.com

A Unit of Robbins & Myers, Inc.

