

GLOBAL PRESENCE AND LOCAL SERVICE



2^a ed. BTR C EN 08/26

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ABOUT RULMECA

Founded in 1962, the Rulmeca Group has grown to be a leading partner to the global materials handling industry. Rulmeca Group is one of the largest suppliers of rollers, idlers, pulleys and motorized pulleys for heavy duty belt conveyors for quarries and mining applications and of Rollers, Drum Motors and 24V/48V Drive Rollers for Intralogistics.



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Find your local Rulmeca company and contact:



BTR C SERIES

PREVENTS BELT MISALIGNMENT,
ENHANCE CONVEYOR
PERFORMANCE



Ensure smooth, efficient, and reliable operation of your conveyor system with the **Carry BTR**.

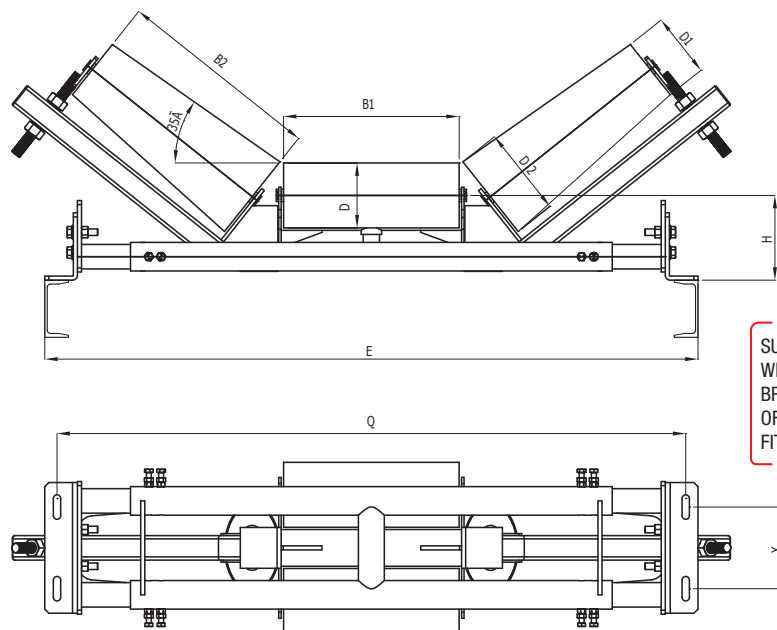
Designed to minimize belt misalignment and prevent costly downtime, this product provides precision tracking, keeping your conveyor belt centered and running at peak performance.

- 1 **Fast Reaction**
- 2 **Long life**
- 3 **Easy Installation**
- 4 **Maintenance-free**
- 5 **Reversible**

FEA TU RES

TECHNICAL DATA

Code	BW mm	D mm	B1 mm	D1 mm	D2 mm	B2 mm	H +/- mm	X mm	Q +/- mm	E mm	Weight Kg
RCNBTRC_00800_001	800	133	280	132	183	350	159,5	130	1090	1150	106
RCNBTRC_01000_001	1000	133	340	132	183	415	173,5	170	1290	1350	113
RCNBTRC_01200_001	1200	159	430	157	218	500	207,5	200	1540	1600	142
RCNBTRC_01400_001	1400	159	480	157	218	550	215,5	220	1740	1800	160
RCNBTRC_01600_001	1600	159	530	157	218	600	220	240	1990	2050	172
RCNBTRC_01800_001	1800	159	600	157	243	670	230	240	2190	2250	201
RCNBTRC_02000_001	2000	159	670	157	243	800	230	240	2420	2480	219
RCNBTRC_02200_001	2200	159	720	157	243	800	240	280	2720	2780	224
RCNBTRC_02400_001	2400	159	770	157	243	900	240	280	3020	3080	238



SUPPLIED
WITH ADJUSTABLE
BRACKETS FOR EASE
OF INSTALLATION TO
FIT ALL APPLICATIONS

BENEFITS:

- **Extends belt life:** By keeping the belt aligned, the roller minimizes friction and uneven wear, which can occur if the belt is misaligned. This can extend the life of the belt and the entire system.
- **Improves safety:** Misaligned belts can damage the surrounding structure, leading to safety hazards. Proper tracking helps reduce the risk of such issues.
- **Reduces maintenance costs:** By preventing misalignment and wear, the need for repairs or replacement of the conveyor components is reduced, saving both time and money on maintenance.
- **Reduces downtime:** Proper belt alignment ensures the conveyor system runs more smoothly and efficiently, reducing downtime and increasing throughput.
- **Prevents material spillage:** Misalignment can cause the material being transported to spill off the side of the belt. The belt tracking roller helps keep the material contained, preventing losses and ensuring consistent performance.



FEATURES AND ADVANTAGES

- 2 **Wing roller:** conical roller with diamond rubber lagging, SBR rubber 75+/-5 SHA.
- 2 **Friendly with the belt:** no contact with the edge of the belt.
- 2 **Excellent sealing performance:** Roller follow PSV sealing system.
- 2 **Designed bearing lifetime:** >50000H.
- 2 **Roller color standard:** black RAL9005 or based on specific request.
- 2 **Maintenance free:** Roller can be replaced individually when excessive wear.

INSTALLATION

Simple to install like common idler.

Dimension-Q can be adjusted to meet the conveyor installation position.

Dimension-H can be adjusted, the correct gap between top of centre roller and the belt is 10-20 mm.

Carry BTR angle need to be adjusted to be 5° more than the conveyor trough angle.