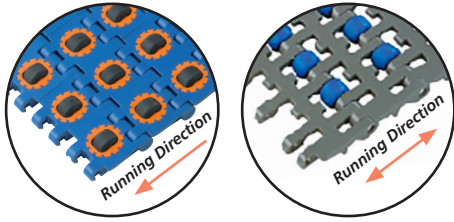


Application Guide (Roller Accessories)



- Industry > All
- Application > Packaged Products
- Description > Rollers and Application Examples

Rollers are used for accumulation or transferring product across a belt. They are also utilized for reducing friction for long or heavily laden conveyors. The RTB (M1 & M2) are specifically designed with rollers; however other belts have a roller option (Figures 2 & 3). For reducing friction the use of rollers is relatively simple; the challenge how and when rollers are activated to move a product relative to the belt direction.

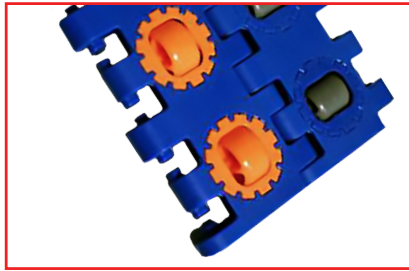


Figure 1: RTB M1 (Top Part) & M2 (Bottom Part)

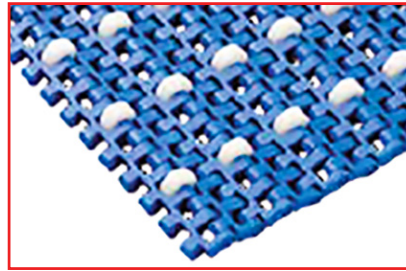


Figure 2: M-TTB with Rollers

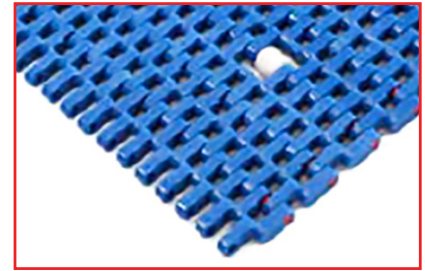


Figure 3: SNB - M2 with Rollers

The RTB – M1 is a passive roller usually used for accumulation or moving a product from one side of the belt to the other with a diverting arm during transit. The reason it is called passive is that the roller does not extend below the belt — only the top is exposed. It can also be used in 90 degree transfer for easy push/pull of the product.

The RTB – M2 part of the roller exposed below the module surface is activated by a static wear strip (preferred). The best means of activation is a PVC (synthetic) belt attached to the carryway.

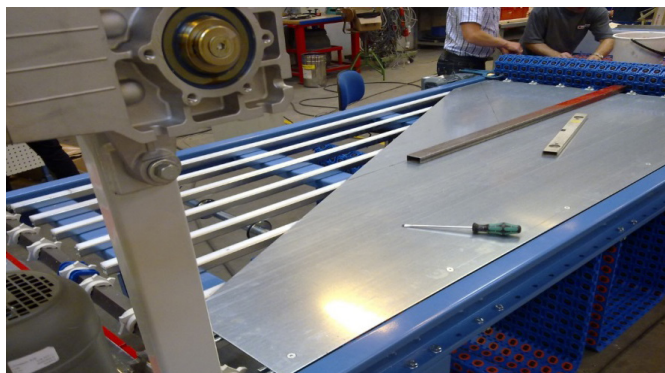


Figure 4: Tapered Activation Strip to move product from side to side

CAUTION

When Applying RTB (M1 & M2)

- > Product can be applied, Intellectual Property (IP) rights with completion must be reviewed by TSS department and Product Manager.
- > Complete RTB Application Form.
- > Be as precise as possible with the application movement on belt.

M-TTB, SNB, ASB, ASB-L, BLB all have a roller option (non-standard). Rollers are installed by removing a hinge. In all cases the roller option with these belts extends above and below the belt. Therefore, when rollers are not to be activated the wear/ activation strips must be removed. By turning on and off the rollers while the belt is moving, one can take a standing stack of material and pace it down the length of another conveyor in even intervals.

Please contact the Technical Sales and Service Team at 610-372-1800 with your questions or customer's concerns.