



Controlled Flow Gravity Conveyor

Low cost and reliable accumulation



No conveyor is more economical or maintenance free than TGW Systems Controlled Flow Gravity roller conveyor. With gravitational pull causing product movement, and pneumatic components providing control, this is the most efficient and reliable decline accumulation conveyor available. It eliminates expensive decline belt conveyors while still providing controlled accumulation. Gravity conveyor is easy to install and without motors is much less expensive and much quieter than powered equipment.

TGW Systems Controlled Flow Gravity conveyor can provide either minimum-pressure accumulation for stable products or non-contact accumulation for delicate products. As products accumulate behind the brake zones, they activate an electronic sensor, arming the next upstream brake zone. This minimizes build-up of back pressure on the products. Some applications may require non-contact zero-pressure accumulation with a brake zone and sensor for each product.

Technical Data

- > Min. Product Length 9"
- > Standard Widths (6) 13" - 40" between frames
- > Roller Coating Certain rollers in each 10' frame may require high friction coating for effective braking
- > Roller Brakes Steel channel with pad to stop coated rollers
- > Brake Control Electronic sensors w/valving to control speed of product descent and facilitate accumulation



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This workstation utilizes speed-controlled descent, and non-contact zero-pressure accumulation.

Features

Benefits

Gravity accumulation	Low cost
Electronic sensing	Senses wide product range and weights
Use standard components	Proven reliability
No motors	No associated control, installation or power costs
Rollers rotated only by product movement	Quiet
Fail-safe spring loaded air brakes in each zone	Holds product if air pressure is lost

TGW Systems (formerly ERMANCO) manufactures high quality conveyor, sortation and automated material handling technologies. As one of the world's largest material handling companies, we support a network of authorized Distributors, by providing equipment and engineering support, along with the industry's best warranty. TGW solutions and material handling equipment offer increased efficiency and higher productivity. TGW is a global company with more than 1,680 employees worldwide. Learn more at www.tgw-group.com.



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