

Gentle, hygienic horizontal conveying of fragile snack foods

Key Technology, Beusichem, the Netherlands, has introduced the Horizon™ horizontal-motion conveyor which provides gentle, quiet and sanitary handling of fragile, seasoned, coated and frozen snack foods and confectionery. Thanks to its powerful and efficient drive system, this CE-marked and UL-certified conveyor is capable of moving products at speeds up to 13m/min on a single continuous conveyor up to 30m long. The vibratory horizontal motion produces a continuous self-cleaning action, preventing build-up of coatings, oils or seasonings as the product slides along the pan. The sliding action also prevents mixing and size separation of the product. The entire conveyor system, including the drive mechanism, is in motion. This reduces the risk of residual deposits that can otherwise accumulate on stationary components. The drive, which has been fine-tuned to maximise horizontal forces and limit transmitted vibration, can be mounted anywhere along the conveyor pan, including underneath, at the rear to 'push' the conveyor or at the front to 'pull' it. The versatile Horizon can be mounted to the floor or on top of other machinery, or it can be suspended from the ceiling. www.key.net



Key Technology's Horizon conveyor