LAYTON SYSTEMS

Food Handling & Processing Solutions

CONVEY
ELEVATE
FEED
BLEND
INTEGRATE

SPIKEZILLA™

IQF PRODUCT BREAKER

Good Vibrations for Frozen IQF Product



FROZEN TOGETHER?

PUT VIBRATION TO WORK.

Spikezilla brings 24 rounded stainless-steel vibratory spikes down into the product, using controlled vibration to help loosen and separate frozen-together IQF product inside the tote.

LOWER.
SPIKES DESCEND INTO THE PRODUCT.

VIBRATE.
CONTROLLED VIBRATION LOOSENS THE FROZEN MASS.

SEPARATE.
PRODUCT BREAKS APART FOR DOWNSTREAM PROCESSING.

BUILT FOR A STRONGER FOOD SUPPLY CHAIN™

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SPIKEZILLA™ FAMILY

TWO SIZES. ONE PRINCIPLE.

SPIKEZILLA

IQF TOTE PRODUCT BREAKER



For bulk totes up to 2,000 lbs.

SPIKEZILLA JR.™

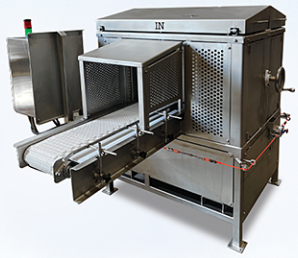
COMPACT IQF PRODUCT BREAKER



For boxes and smaller batches.

A PERFECT PARTNER

Pair Spikezilla Jr. with the Layton Box Crusher.



When crushing isn't enough, add vibration. Spikezilla Jr. helps separate stubborn frozen product that remains clustered after the initial breakup.

SPIKEZILLA SPECIFICATIONS (Preliminary)	
Maximum tote dimensions	48" x 48" x 46" high
Maximum loaded tote weight	2,000 lbs
Typical cycle time	Approximately 4 minutes
Overall machine dimensions	80" x 80" x 136" high
Spikes	24; 7/8" diameter; 304 SS
Vertical travel	50 inches
Construction	304 stainless steel
Electrical	460 VAC, 3-phase, 60 Hz, 50 amps
Controls	NEMA 4X enclosure with 7" HMI
Guarding / safety	Fully guarded with light curtain
Sanitation	Washdown rated
Loading method	Forklift or pallet jack (top of tote must be fully open)

SPIKEZILLA JR. SPECIFICATIONS (Preliminary)	
Maximum box dimensions	16" x 16" x 16" high
Maximum product weight	100 lbs
Typical cycle time	Approximately 1 minute
Overall machine dimensions	30" x 48" x 86" high
Spikes	24; 3/8" diameter; 304 SS
Vertical travel	20 inches
Construction	304 stainless steel
Electrical	460 VAC, 3-phase, 60 Hz, 20 amps
Controls	NEMA 4X enclosure; manual operator controls
Guarding / safety	Fully guarded with light curtain
Sanitation	Washdown rated
Loading method	By hand or conveyor (top of box must be fully open)

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LET'S SOLVE YOUR FROZEN PRODUCT CHALLENGE.