



tna roflo[®] VM 3 is the ultimate vertical conveying system that moves product via vibratory motion. Due to both the horizontal and vertical transportation method, the **tna roflo[®] VM 3** is well suited to even out product highs and lows, and offers the most efficient method for in-line storage.

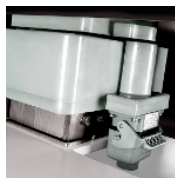
BENEFITS



Suits any production needs with versatile design that includes many pan options to choose from.



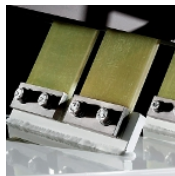
Incline capability up to 10 degrees with no limit on distance.



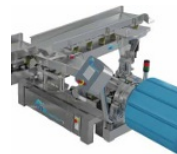
Ensure a constant amplitude is maintained regardless of the load on the tray with closed loop control.



Choose from gateless proportional or gated pan options that are very easy, simple and quick to clean.



Low energy consumption that works on natural frequency and no wearing parts for a longer lifecycle and reduced maintenance requirements.



Seamless integration with **tna intelli-flav[®]** seasoning system to enhance performance, efficiencies and energy savings for any food production line.

STANDARD FEATURES

- Compact microprocessor controller
- Built in feedback sensor into the electromagnetic coil
- Connectivity via a plug and socket
- Continuous welded construction

OPTIONAL FEATURES

- Gated formats
- Wet wash and dry environment designs (available on the full range)
- Vibratory scarf feeders
- Seasoning solutions
- Fully automated multipack systems at high speed
- Custom pans

APPLICATIONS

- baked snacks
- cereals
- confectionery
- dairy
- fresh produce
- frozen
- meat & poultry
- nuts
- pasta
- pet foods
- Seafood
- snacks

SPECIFICATIONS

tna roflo [®] VM3	standard	large	cross feeders
pan section size			
width x depth mm (in)	450 (17.7) x 150 (5.9)	750 (29.5) x 200 (7.9)	300 (11.8) x 150 (5.9)
transfer rate kg/h (lbs/hr)			
density @55 g/L (lbs/gal)	1114 (2456)	3713 (8186)	743 (1638)
density @100 g/L (lbs/gal)	2025 (4464)	6750 (14881)	1350 (2976)
density @200 g/L (lbs/gal)	4050 (8929)	13500 (29762)	2700 (5952)
capacity m ³ /hr (cfm)	20 (11.8)	68 (40)	14 (8.2)
noise level dB(A) @ 1m	70	70	70
transfer speed max m/min (ft/min)	15 (49.2)	15 (49.2)	15 (49.2)
power consumption kW (hp)	0.25 (0.3)	0.4 (0.5)	0.1 (0.1)
floor loading			
conveyor mass kg/m (lbs/ft)	200 (134)	350 (235)	150 (101)

all above specifications are subject to change and may differ according to product, please confirm when placing your order

TO FIND OUT HOW YOU AND YOUR TEAM CAN GET THE MOST FROM YOUR TNA SOLUTIONS, CONTACT US

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