



**tna roflo<sup>®</sup> VMCS 3** is a one-of-a-kind chip sizer that uses vibratory motion and a unique chip-sizing pan to separate potato and other root vegetable chips, as well as fruit chips, into larger and smaller sizes. Using vibratory motion means there's little-to-no product breakage and little-to-no maintenance requirements.

The innovatively designed pan on the **tna roflo<sup>®</sup> VMCS 3** features a range of variable chip-sizing screens with a quick-release function for quick and easy cleaning. These screens won't get blocked, allowing product to run through without getting stuck or damaged. The **tna roflo<sup>®</sup> VMCS 3** pan can also be used when you don't need to separate chips by size thanks to product-divert gates – a specially designed bypass feature.

Perfect for flexible packaging options, the **tna roflo<sup>®</sup> VMCS 3** ensures that the right size product ends up in the right size bag – larger chips in larger bags, smaller chips in smaller bags – to maximise your packaging efficiency. This unique, yet simple solution is exclusively offered by **tna**.

## BENEFITS



Sizes chips into smaller and larger chip streams, continuously without product breakage



No wearing parts for longer lifecycle and almost no maintenance requirements



Allows easy cleaning thanks to simple construction of chip-sizing screens featuring quick-release



Use same pan for chip sizing or general conveying of product

Ensure a constant flow is maintained, regardless of the load on the tray, with closed loop control

Quick release trays to control small vs. large chips

## STANDARD FEATURES

- Vibratory motion conveyor
- Pan designed with chip-sizing screen as well as product-divert gates for general conveying
- Stainless steel execution (exception springs and base)
- Compact microprocessor controller
- Continuous welded construction
- Built-in feedback sensor into the electromagnetic coil
- Connectivity via a plug and socket

## OPTIONAL FEATURES

- Chip-sizing screens for different sizing dimensions

## APPLICATIONS

- snacks

## SPECIFICATIONS

tna roflo® VMCS 3		
	standard	large
pan section size		
width mm (in)	600 (24)	750 (30)
depth mm (in)	200 (8)	
total throughput rate kg/h (lbs/hr)		
density 55 g/L (lbs/ft <sup>3</sup> )	630 (1388)	790 (1741)
density 75 g/L (lbs/ft <sup>3</sup> )	864 (1904)	1080 (2380)
capacity m <sup>3</sup> /hr (ft <sup>3</sup> /m)	11.5 (6.79)	14.4 (8.48)
noise level dB(A) 1m (3.28ft)	70	
transfer speed max m/min (ft/min)	15 (49.2)	
power consumption kW (hp)	0.25 (0.3)	0.4 (0.5)
mass kg (lbs)	1500 (3300)	1750 (3860)
floor loading kg/m (lbs/ft)	200 (134)	350 (235)

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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