

vibratory motion chip sizer





a motion chip sizer with a difference

A motion chip sizer with a difference – the tna roflo® VMCS 3 uses vibratory motion, alongside a unique chip-sizing pan to separate potato and other root vegetable, as well as fruit chips, into a variety of sizes. The use of vibratory motion to transport the chips means there's little-to-no product breakage and reduced maintenance requirements.

The chip-sizing pan features a range of variable chip-sizing screens with a quick-release function, for fast and easy cleaning. Designed to enable seamless product flow with fewer stoppages, the tna roflo® VMCS 3 pan also includes product-divert gates, allowing chips to bypass the sizing pan when required.

key benefits

- » Achieve accurate performance at high speeds with unique chip sizing screens and vibratory motion to sort root vegetable chips, potato, and fruit chips into various sizes.
- » Maximise packaging efficiencies by ensuring the right product is allocated to the correct bag size.
- » Increase profits with a cascading chip-sizing screen that minimises product breakages.
- » Reduce maintenance costs and increase equipment life-cycles thanks to the system's continuously welded stainless-steel design.
- » Optimise uptime with easy-to-clean stainless-steel design and reduced maintenance requirements.
- » Enhance food safety with hygienic stainless-steel construction, quick release, and easy-clean chip-sizing screens.





snacks

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

specifications

tna roflo [®] VMCS 3		
	standard	small
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 ³)	630 (1388)	790 (1741)
density 75 g/L (lbs/ft ³)	864 (1904)	1080 (2380)
capacity m ³ /hr (ft ³ /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.

