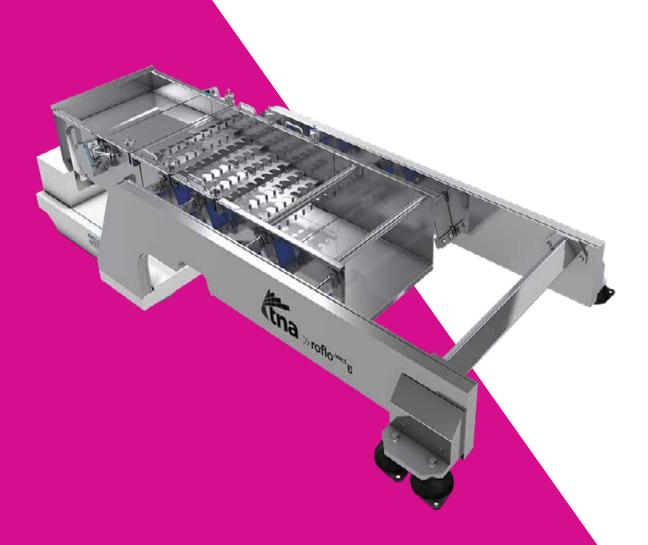


vibratory motion chip sizer







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 stainlesssteel design and reduced maintenance requirements.
- >>> Enhance food safety with hygienic stainlesssteel construction, quick release, and easyclean chip-sizing screens.



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/ft³)	630 (1388)	790 (1741)
density 75 g/L (lbs/ft³)	864 (1904)	1080 (2380)
capacity m³/hr (ft³/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.











