



tna roflo^{HM} 3 is the ultimate horizontal conveying system that moves product via a slow forward horizontal motion followed by a fast return horizontal motion. Due to no vertical element, the **tna roflo^{HM} 3** minimises flavor fall off and ensures zero flavour build up in the pan.

BENEFITS



Minimises product breakage and flavour loss, and is easy to clean, thanks to pans gateless design.



Meet the demands of manufacturing flexibility with **tna's** own switcharoo technology that tilts pans in different directions and reverses product flow as needed.



Ideal for heavy coated products with no seasoning build up on the pans.



Utilise tray lengths up to 30 metres (1181") on a single drive.



Raise the pans from the product stream to support two independent flows of product with erector lifts.



Reduce chance of failure, boost reliability and increase lifecycle with drive module that has fewer parts.

STANDARD FEATURES

- **tna** switcharoo design for total direction reversibility
- Unique gateless design
- Stainless steel pans
- Instantaneous conveyor movement
- Programmable closed-loop servo
- Drives – long stroke, low frequency
- 2.4m, 3.0m and 3.6m (95", 118" and 142") standard pan lengths
- 1 controller for up to 8 pans
- Upstream call output (UCO)
- Auto stand-by

OPTIONAL FEATURES

- Lifteroo
- Bi-directional and reversible feed
- Custom length pans
- Long pan lengths over 30m (1181")
- Proportional discharge control (pdc)
- Plant integration control (PIC)
- Product metering
- On-line seasoning
- Quick release pans

APPLICATIONS

- baked snacks
- cereals
- confectionery
- nuts
- pasta
- pet foods
- snacks

SPECIFICATIONS

tna roflo [®] HM3	standard	large	cross feeders
pan section size			
width x depth mm (in)	585 (23) x 200 (8)	735 (29) x 330 (13)	525 (21) x 150 (6)
transfer rate kg/hr (lbs/hr)			
density @55 g/L (lbs/gal)	2283 (5033)	4988 (10997)	295 (650)
density @100 g/L (lbs/gal)	4160 (9171)	9070 (19996)	536 (1241)
density @200 g/L (lbs/gal)	8320 (18342)	18140 (39992)	1072 (2363)
capacity m ³ /hr (cfm)	41.6 (24.5)	90.7 (53.4)	5.3 (3.1)
noise level dB(A) @ 1m	70	70	70
transfer speed max m/min (ft/min)	15 (49.2)	15 (49.2)	4 (13.1)
power consumption kW (hp)	**	**	0.4 (0.5)
floor loading			
pan mass kg/m (lbs/ft)	23 (15.4)	34 (22.9)	13.5 (9.1)
drive & base unit dead load kg (lbs)	321 (707.7)	321 (707.7)	110 (242.5)

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

varies depending on application load, check with **tna roflo support team

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

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