



tna robag® TX series is your highly flexibly range of vertical, form, fill and seal (VFFS) packaging solutions that handle a variety of bags using rotary double single or flat jaw configurations and is capable of reaching 150 bags per minute. The tna robag delivers high speeds and at the same time reduces reject rates achieving greater than 95% efficiency and lowering wastage below 0.5%.

Includes **tna's** own "Auto Connect" and "Unload Assist" which makes changing out formers simple and quick, with less physical strain on operators so your packaging process is back up and running in no time.

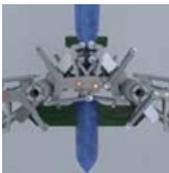
BENEFITS



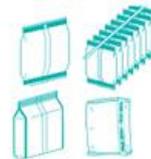
Full operator control for optimal bag presentation with minimal product loss thanks to a controlled accurate film system.



Reduces overall waste to below 1% and down to 0.1% and extreme accuracy with efficiency up to 99% of target output.



Ensure quick product changeovers with flexible, modular design.



Handles a wide range of bag formats: pillow, gusset, quattro-pack, block, bottom, string, sachet, euroslet, round hole and multipack.



Allows better product transfer and is easy to clean with **tna flo-thru®** former featuring an ultra light partial tube stainless steel design.



Long life cycle and high-level of reliability thanks to an innovative, simple design with fewer moving parts.

STANDARD FEATURES

- Mono-rail long life vacuum pull belts
- 38.1cm (15inch) colour touch screens
- Smart response film dancer
- Quick change, lightweight former
- Single pass film loading
- Seamless integration with fingertip control
- Auto positioning vacuum drives
- Servo-driven quick change jaws
- Patented product stripper/tube closer
- **tna intelli-system®** continuous motion control software

OPTIONAL FEATURES

- MODBUS/TCP interface for SCADA applications
- Full up and down stream integration options including:
 - **tna** multihead weighers®
 - **tna** intelli-detect® metal detectors
 - **tna** intelli-date® code applicator
 - **tna** intelli-read® barcode verification
 - bag collators
 - inserters
 - programmable string bag systems
 - **tna** take away conveyors
 - augers
 - check weighers

APPLICATIONS

- baked snacks
- cereals
- confectionery
- nuts
- powders
- snacks

SPECIFICATIONS

tna robag® TX3ci			rotary double jaw			rotary single jaw			rotary flat jaw		
			180	230	320	180	230	320	230	320	
performance	max running speed bpm		150	150	150	100	100	100	125	125	
utilities	average air consumption @6bar (87psi) L/min (cfm)		3 (0.11)						6 (0.22)		
	controller		CX4								
	power consumption kW (hp)		3.5 (4.7)			2.8 (3.8)			3.5 (4.7)		
	voltage		3PH 208~480VAC								
specifications	bag length	minimum mm (in)	50 (2)								
		maximum mm (in)	1000 (39.4)								
	bag width	minimum mm (in)	40 (1.6)								
		maximum mm (in)	180 (7.1)	230 (9.1)	320 (12.6)	180 (7.1)	230 (9.1)	320 (12.6)	230 (9.1)	320 (12.6)	
	film roll	maximum width mm (in)	384 (15.1)	484 (19.1)	664 (26.1)	384 (15.1)	484 (19.1)	664 (26.1)	484 (19.1)	664 (26.1)	
		diameter mm (in)	400 (15.7)								
		maximum weight kg (lbs)	50 (110.2)*								
	construction material		powder coated mild steel or stainless steel								
	tunnel guard opening mm (in)		610 (24)								
	height mm (in)	lowlander	total	1800 (70.9)							
			former	1760 (69.3)							
		midlander	total	1800 (70.9)							
			former	1835 (72.2)							
		highlander	total	1800 (70.9)							
			former	1910 (75.2)							
	jaw height mm (in)	lowlander	680 (26.8)								
		midlander	680 (26.8)								
highlander		830 (32.7)									
depth mm (in)		1950 (76.8)									
width mm (in)		900 (35.4)									
weight kg (lbs)		1000 (2204.6)									

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

* 35kg is recommended to minimise film tracking variations.

** bag length is indicative and requires testing.

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

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