vertical form fill & seal (VFFS) system

tna >> robag°TX 3e

industry leading vertical form fill and seal packaging machine

The tna robag® TX 3e is an industry leading high-performance vertical form fill and seal (VFFS) packaging machine, delivering the latest in automation with real-time EtherCAT connectivity. Reaching up to 150 bags per minute*, the tna robag® TX 3e also offers superior flexibility thanks to its rotary double, single and flat jaw configurations. With an integrated display controller CXE, smart diagnostics system and enhanced serviceability, the tna robag® TX 3e is the system of choice to bag just about any type of snack (or food application) quickly and efficiently. No matter what type of bag you need, changing out formers is quick and simple with our patented tna robag® auto-connect and unload-assist features.

key benefits

» The fastest - packs up to 150 bags per minute*

» Up to 99% target output efficiency and wastage as low as 0.1%*

» Small footprint, featuring TNA's patented stripper tube closer and advanced film control features

» Quick and easy product changeover due to TNA's patented unload assist, auto-connect and

» one-touch recipe change function

Reduces maintenance costs with:

• Drives and controls common to the tna roflo® and tna intelli-flav® systems

• Smart diagnostics and remote connectivity

• Up to 20% reduced cabling with EtherCAT® connectivity

*subject to bag type, film and product

CXE integrated controller

tna robag® TX 3e introduces the future-proof, integrated display controller CXE that is extremely easy to operate, maintain and service. It features easy and quick software and firmware updates. This integrated unit is also very easy to swap, reducing the maintenance downtime. Another innovative feature is the ability to mirror/extend the controller screen to a tablet/mobile device.

flexible jaw options

rotary single jaw moderate speed for any bag size format

rotary flat jaw specialist for complex bag types and difficult film types

rotary double jaw high speeds for any bag size or format

baked snacks   **cereals**   **confectionery**   **nuts**   **pasta**   **powders**   **snacks**

standard features

» Mono-rail long-life vacuum pull belts

» 38.1cm (15in) colour touch screen

» 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

» Product-in-seal (PISD) speed regulating software

» Full upstream and downstream integration options including:

- tna intelli-weigh® multihead weighers
- tna hyper-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

Scan the QR code for more details!

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Google Play users, simply use your QR code app

customer care program

customer service · your team · technical services · project management · training · customer portal · remote assist · product testing

tnasolutions.com

Contact us anywhere, anytime: tnateam@tnasolutions.com

With presence in over 30 locations our global experts are available to support you anytime, anywhere!