

upgrade safety. reduce risk. stay compliant.

Boost safety compliance without replacing your tna robag®

A high safety rating is a requirement for modern manufacturing. The TNA Category 3 Safety Kit is a retrofit solution designed to upgrade your tna robag® from Category 2 to Category 3, in accordance with ISO 13849-1.

This upgrade introduces fault tolerance, automatic safety checks, and built-in redundancy - helping you meet compliance standards and reduce operational risk without the need for new equipment.

Why upgrade to Category 3?

- » Regulatory bodies increasingly require higher safety performance levels.
- » Redundant channels with fault detection – if one fails the other can maintain safety
- » Insurance and audit requirements favour Category 3 systems
- » A single safety fault in a Category 2 system can cause major downtime or injury risk

With the TNA Category 3 Safety Kit, you're investing in the safety, reliability, and future-readiness of your operations.

How it works

By upgrading to a Category 3-rated system, the kit builds on Category 2 principles by not only detecting faults but introducing dual-channel redundancy - two separate circuits that maintain the safety function even if one fails. This means the machine can continue operating safely in the event of a single fault, while ensuring faults are flagged early. If additional faults occur, the system is designed to stop the machine before the safety function is lost — reducing risk, avoiding downtime.

Designed for tna robag®

Kits available for these tna robag® models - 2b, 2c, 3, 3ci.

15% discount offer

Order from TNA on or before 30 January 2026, and get a full 15% discount



Safety Kit upgrades your tna robag® from Category 2 to Category 3

Benefits at a glance

- » Increases safety rating from Cat 2 to Cat 3
- » Complies with ISO 13849-1 safety standard
- » Ensures no single point of failure
- » Detect faults before safety is compromised
- » Tolerates single faults without loss of function

Reliable safety. Minimal disruption.

Evolve your robag® system to meet modern safety expectations with a smart, standards-compliant retrofit. Keep your team safe - and your equipment audit-ready.

Ordering Information

Please contact your local TNA Aftermarket team for a quote on the following product codes:

Order codes

TNA-0801005	robag® 2c BOM CAT 3 Upgrade
TNA-0060757	robag® 3 TTX CAT 3 Upgrade Gear Tray Kit
TNA-0060298	robag® 3 TX/FX CAT 3 Upgrade Gear Tray