

Desiccant Canisters: From Reel to Real Efficiency



Desiccant canisters provide distinct advantages in high-speed pharmaceutical and nutraceutical packaging environments. Their durable and rigid construction, compatibility with automation, and sustainability profile make them a preferred solution. While desiccant packets may offer a lower unit cost, the operational efficiencies enabled by canisters in high-speed settings can lead to a more favorable Total Cost of Ownership (TCO).

Packets Dispensing

Common speeds: 80-150 pm

Strip packets are unwound and cut from a reel before insertion. Higher speeds increase reel changes (~7 per shift @ 150 pm), leading to more downtime and labor.



Canister Dispensing

Common speeds: 150-300 pm

Canisters are continuously hopper-fed, eliminating the need for reel changes and reducing downtime and labor. Optimizing hopper size can minimize the frequency of refills.

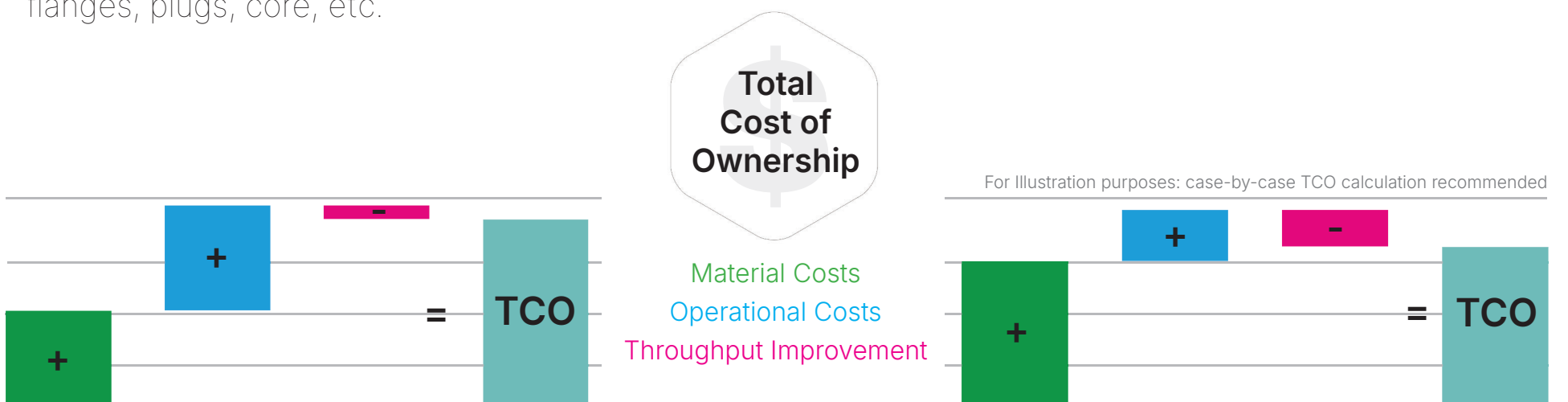


Packaging, Cutting and Marking Methods

- Cutting process and **blade replacement** are required.
- Packets are printed with **ink**.
- Empty reels require **removal and disposal** of respective components: cardboard, plastic flanges, plugs, core, etc.



- **No Cutting!** Seamless & free flowing insertion.
- Canisters are **laser-marked** without the use of ink, so less direct-contact material and chance of contamination.



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