

MSD vs MBD

Side Drive Sealer or Bottom Belt Drive Sealer?

Overview

A very popular debate. Should I purchase a more inexpensive bottom belt drive sealer or go for the side drive case taper? In this case, we will study the advantages and disadvantages of each sealer type.



Advantages of a Side Drive Sealer

- Larger carton range - has a minimum width of 4.25" vs the 6.5" minimum width of the bottom belt drive sealer
- Roller bed allows for more stable box throughput and less wear & tear for the motors
- 2 motor drives vs. 1 motor drive pulling the box through causes more power & stability and less wear & tear.
- Side Belt Drives naturally square the box as it runs through the sealer.
- Side Drive pulleys on side drive system cause less wear & tear for the belts
- Shorter Footprint



Advantages of a Bottom Belt Drive Sealer

- Less initial capital investment
- Lower carton minimum - has a minimum height of 3" vs 3.5" for side drive sealer

Disadvantages of a Bottom Belt Drive Sealer

- Bottom Belt design causes less consistent throughput of carton since friction and weight is part of the equation
- Plate bed instead of side drive roller bed causes more friction and more wear & tear on single motor
- Less pulleys on belt drive system cause belts to wear more inconsistent.

Results

Side Drive Case Sealer

Definitely more superior. Causes less wear & tear on belts and creates better stability and more power for carton throughput. The better case range also adds more flexibility to the machine.

Bottom Drive Case Sealer

Good for the money. If budget is a concern, the bottom belt drive sealer can provide a good machine for a great price.

BestPack Packaging offers both the tape and case sealing machinery capable of creating these savings. Case sealers are offered in uniform or random type, and they are also available in high speed options for a minimal upcharge. Custom machines and stainless steel machines are available upon request.