

PACKAGING MACHINERY SHOWCASE – SEMI-AUTOMATIC CASE FORMER COMPARISON

Belcor Industries was founded behind the idea of the semi-automatic case forming and packing station. It revolutionized the packaging industry by providing an entry level solution which allowed for easy box forming and packing. When coupled with a case sealer, it allowed 1 operator to do the work of 3 more efficiently, effectively, and effortlessly. Many years and several iterations later, the BEL 505 is still an essential part of the Wexxar/BEL family, bringing convenience and efficiency to manual hand-pack lines all across the world.

Currently, there are 3 machines under the BEL 505 name. In essence, these machines all function and operate the same with minor tweaks to allow for better functionality in certain environments.



	BEL 505	BEL 505G3	BEL 505G4
Frame Material	Anodized Aluminum	Zinc plated steel	Anodized Aluminum
Controls/Operation	Pneumatic Only	Pneumatic Only	Electro-pneumatic
Safety Switches	Mechanical Switches	Mechanical Switches	Photo Sensors
Advantages	<ul style="list-style-type: none"> • Maximum case length capability • Most adaptable for undersize and oversize case modifications • Minimum discharge height capability 	<ul style="list-style-type: none"> • Smallest machine. Suitable for operation from 3 sides of the machine • Stainless steel washdown version available 	<ul style="list-style-type: none"> • Largest standard case width range of 5” to 18” • Front and rear linked width adjustment screws • Best for non-standard case styles with programmable relay logic • Retracting case hold-down rollers
Conclusion	The standard BEL 505 is best suitable for either oversized or undersized cases and is the most versatile machine with many custom options and modifications available.	The BEL 505G3 specializes in washdown and non-corrosive applications. The small footprint also allows for fitting in tight spaces and versatility in operation.	The 4th generation BEL 505G4 with electro-pneumatic controls runs the smoothest and is adaptable to non-standard case styles.

Learn more about our [BEL 505 case formers here](#).

Wexxar/BEL also offers several machines which are either based on the BEL 505 platform or have it integrated as part of the machine. These include:

[BEL 507 – Tilting Semi-Automatic Case Forming and Packing Station](#)

[BEL 5150 – Semi-Automatic Form, Pack and Seal Station](#)

[BEL 5252 – Fully Automatic Form, Pack and Seal Station](#)