

# The Norland RackStacker™

*For Automatic Loading of Large-Bottle Racks*



***Handles 3- to 5-Gallon Bottles of Many Shapes.  
Loads Up to 600 Bottles per Hour.  
Compatible with Most Rack Styles.***

Norland's RackStacker™ is designed for the small to medium-sized bottling business to make large-bottle (3-5 gal./11.4-18.9 L) rack loading much easier, faster and safer. The fully automatic RackStacker eliminates manual lifting and loading, allowing you to load up to 600 bottles per hour (bph). It takes about 4 minutes to load a 40-bottle rack, for example.

The system can be set up to convey bottles from the production line directly to the RackStacker for quick loading and transport to storage.

Norland's RackStacker is designed especially to integrate easily into a complete production line, such as Norland's TritonLine™ series of turnkey 3- to 5-gallon bottling systems. The RackStacker is also easily compatible with

most other large-bottle production systems. The four-bottle loading deck can be adjusted to fit most rack sizes and configurations.

The system is easy to use. A PLC control panel monitors all functions and displays operational modes.

Bottles enter the RackStacker four at a time, where they are tilted backwards to a horizontal position, then moved to the loading station. A proprietary alignment feature keeps bottles from rolling, so they can be placed into the rack accurately. Both steel or plastic racks are compatible with the system and are interchangeable during a run.

***Norland Int'l. Inc.***

Packaging - Processing

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Source**

# The Norland RackStacker Safely Loads 600 Bottles per Hour into Most Style Racks



**1.** The automatic Norland RackStacker conveys filled 3- to 5-gal (11.4-18.9 L) bottles to racks for storing. It is easily integrated into a full large-bottle production line, speeding loading and increasing plant safety by eliminating potential lifting injuries. Bottles are tilted backwards to a horizontal position as they enter the loading deck four bottles at a time. The process is simple and quick. Up to 10 bottles a minute can be loaded.

**2.** Four bottles at a time are loaded into the rack. The unique Alignment Spacers engage to keep the bottles in position during the actual loading process so they enter the rack correctly. The RackStacker interfaces well with virtually any rack, whether metal or plastic, and the loading deck adjusts easily to match most rack levels.

**3.** PLC control panel sets speed parameters for each run and monitors all functions. The PLC is clearly labeled, and located at eye level for easy viewing and adjustment.

## RackStacker™ Specifications

Output Capacity	600 bottles/hour
Height	138" (350.52 cm) extended 89" (248.92 cm) retracted
Weight	500 lb (226.80 kg)
Length	138" (350.52 cm)
Depth	58" (147.32 cm)
Air Requirement	4.7 scfm at 90 psi
<b>Electrical Specs</b>	
Voltage	115 12-amp load
Phase	1

### Also from Norland:

- Complete bottling production lines (large-bottle and small-bottle)
- 5-gallon (18.9 L) bottle washer, filler and capper components
- Bottle-producing PET and PLA blow molders
- Commercial water distillers
- Water treatment systems
- Ozone disinfecting systems

For more information, call (402) 441-3737, e-mail to [bk@norlandintl.com](mailto:bk@norlandintl.com), or visit [www.norlandintl.com](http://www.norlandintl.com)



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