

BW150

Automatic Bottle Washer

- *150 Bottles per hour • Compact Design*
- *Stainless Steel Construction • Automatic Advancing System*
- *Recirculated Wash & Sanitize Solutions for Maximum Economy*



The BW150 bottle washer is designed to provide years of reliable, trouble-free service for the small to mid-sized operation. It's also ideal for the new or expanding bottled water business. The movement of bottles through the washer is controlled by an automatic advancing system, which simplifies operation and reduces maintenance requirements.

This washing, sanitizing and rinsing action of the bottles is far superior to the small "dishwasher-type" washers. The water pressure is much greater and the cleaning action more efficient. And because the wash and sanitize solutions are recirculated for better economy and maximum efficiency, the waste water per bottle is reduced to less than one litre! This greatly reduces the electricity required for heating. Less water used and less water heated adds up to reduced costs to you.

The Norland BW150 gives you a much cleaner bottle faster and easier—and for less cost!

Norland Int'l. Inc.

Your
Complete
Source

Norland's BW150 automatic bottle washer has been designed to solve bottle washing problems for many small to medium-sized operators. Designed by experienced bottled water engineers, this state-of-the-art system combines speed and efficiency with affordability.



Bottle holding mechanism ensures that bottles are protected during wash cycles.



The Food Grade UHMW Bottle Belt is self-lubricating, long wearing and designed to automatically move bottles into their respective positions.



BW150 components use all FDA Food Grade materials to comply with stringent bottled water regulations.

High pressure stainless steel jet nozzles are positioned to spray water directly into the bottle openings. This pressure cleans both the inside of the bottle and slightly lifts the bottle, allowing the exterior spray jet to create the unique "lift and spin" effect, which ensures a cleaner bottle exterior as well. The result is a significantly cleaner bottle in less time with less waste water. The system operates on a three-cycle function, which includes detergent wash, sanitize and final rinse—giving you the cleanest and safest washed bottle available. In addition, the washing and sanitizing solutions are recirculated for maximum economy.

The bottle loading and unloading system is easy and convenient. The automatic advancing system holds bottles securely during the wash, sanitize and rinse stages. Operation of the BW150 is simple and quick. A single operator can load and unload two bottles every 40 seconds in smooth transition while simultaneously performing other duties.

Finally, small to medium operators, or newcomers to the bottled water industry, have a truly reliable and efficient bottle washer that correctly cleans 3- and 5-gallon returnable bottles (and optionally, 6-gallon square bottles) quickly, easily, and affordably—using less water, less electricity, less time, and less money.

BW150	Actual Size	Shipping Specs
Height	71" (180 cm)	80" (203 cm)
Width	34" (86 cm)	42" (107 cm)
Depth	82" (208 cm)	90" (229 cm)
Weight	1102 lb (501 kg)	1390 lb (630 kg)
Waste water/100 bottles: 25 gal. (95 L)		
Kw/H usage/100 bottles: 8 Kw/H		
Electrical Specs:		
Voltage: 208/240 volt		
Phase: single (three phase optional)		
Amps: 80 service rec.		
Feed Water:	1.25" Female pipe thread	
Main Drain:	1.25" Female pipe thread	
Drip Pan Drain:	1" I.D. hose connection	
Water Temperature:	140° F (60° C)	

Note: Norland reserves the right to change specifications without prior notification. All specifications are approximate ($\pm 10\%$).

Norland Int'l. Inc.
 Your *Complete* Source

PO Box 67189 • Lincoln, NE 68506 • USA
 Phone: 402-441-3737 • Fax: 402-441-3735
 E-mail: bk@norlandintl.com
 Web site: www.norlandintl.com

© 2004, Norland Int'l. Inc. • Printed in USA • 0604LL