



200-2000ml Pet Bottle Beer Washing Filling Capping Machine



Description

The Navan NPXZGF series beer filling machine is designed for efficient and hygienic filling of PET beer bottles ranging from 200ml to 2000ml. It integrates washing, filling, and capping into one automatic unit, delivering stable and precise filling performance. With advanced CO₂ replacement and liquid level detection technology, the machine minimizes oxygen intake and foam generation, extending beer shelf life while reducing product loss.

Technical Specifications

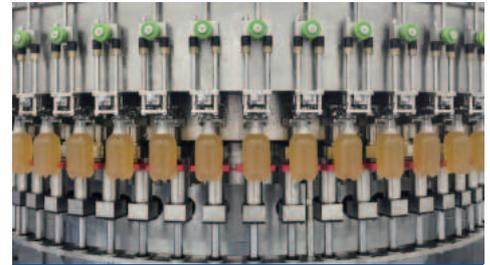
Model	NPXZGF 9-9-9-4PRO	NPXZGF 24-18-24-64PRO	NPXZGF 40-24-40-10PRO	NPXZGF 60-32-60-15PRO
Production Capacity(500ml)	800~1,500 BPH	3,500~7,000 BPH	8,000~15,000 BPH	18,000~22,000 BPH
Suitable Bottle Height(mm)	180~320			
Suitable Bottle Diameter(mm)	50~120			
Rinsing Water Pressure (Mpa)	0.25~0.3			
Bottle Cap Style	Plastic Screw Cap / Aluminum Screw Cap / Metal Crown Cap / Plug-ring Crown Cap			
Power Supply	Voltage:220V~415V, 3phase; Frequency: 50HZ/ 60HZ			
Filling Pressure (Mpa)	0.5~0.6			
Main Motor Power (Kw)	4	5.5	11	15
Liquid Level Error	±1~2mm			
Overall Dimensions (mm)	3580x2170x2200	4550x2600x2200	7700x3100x2200	10500x4700x2200
Weight(kg)	4000	7000	15000	20000

Suitable for

Beer, craft beer, malt beverages, sparkling alcohol drinks

Machine Features

- 3-in-1 integrated design: rinsing, filling, and capping in one body
- Proportional membrane valve with liquid level floating control (+2mm accuracy)
- Foam prevention technology, reducing liquid losses by up to 2.5%
- Low oxygenation process, average oxygen level as low as 30ppb
- Extended beer shelf life, up to 118.2 days on record
- PLC-controlled CO₂ replacement ensures minimal oxygen intake
- Advanced CIP cleaning system, PLC controlled for improved efficiency



Filling System

- Mechanical valve
- Flow meter
- Liquid level detection
- CO₂ replacement system

Recommended Related Machines



Labeling Machine



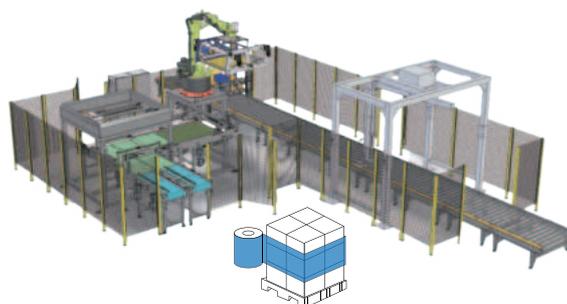
Film Wrapping Packing Machine



Half-Tray Packing Machine



Carton Packing Machine



Palletizer+ Stretch Film Wrapping Machine



Bottle Blowing Machine