



NAVAN MACHINE
Professional Filling Packaging Machine Solution Provider

Flow-meter Filling Machine



Electronic Weighing Filling Machine



Piston/Plunger Filling Machine



Carbonator/ CO2 Mixer



ZHANGJIAGANG NAVAN INDUSTRIAL CO.,LTD

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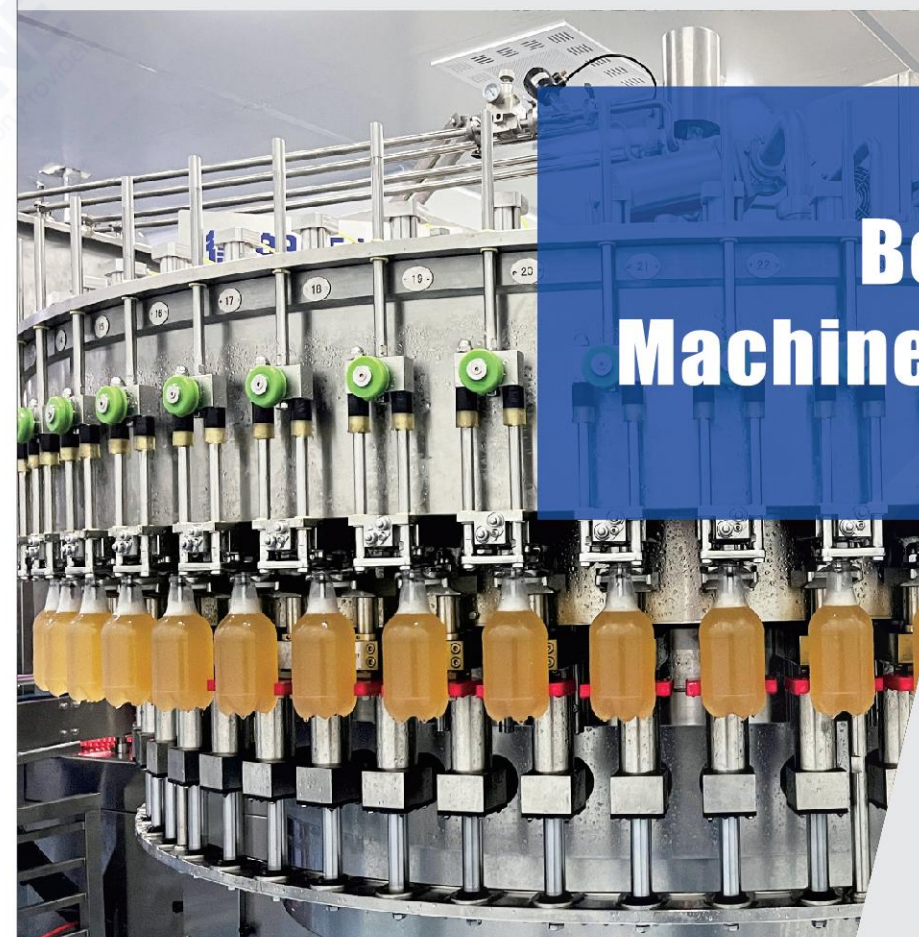
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NAVAN MACHINE
Professional Filling Packaging Machine Solution Provider

Beverage Filling Machine Manufacturer



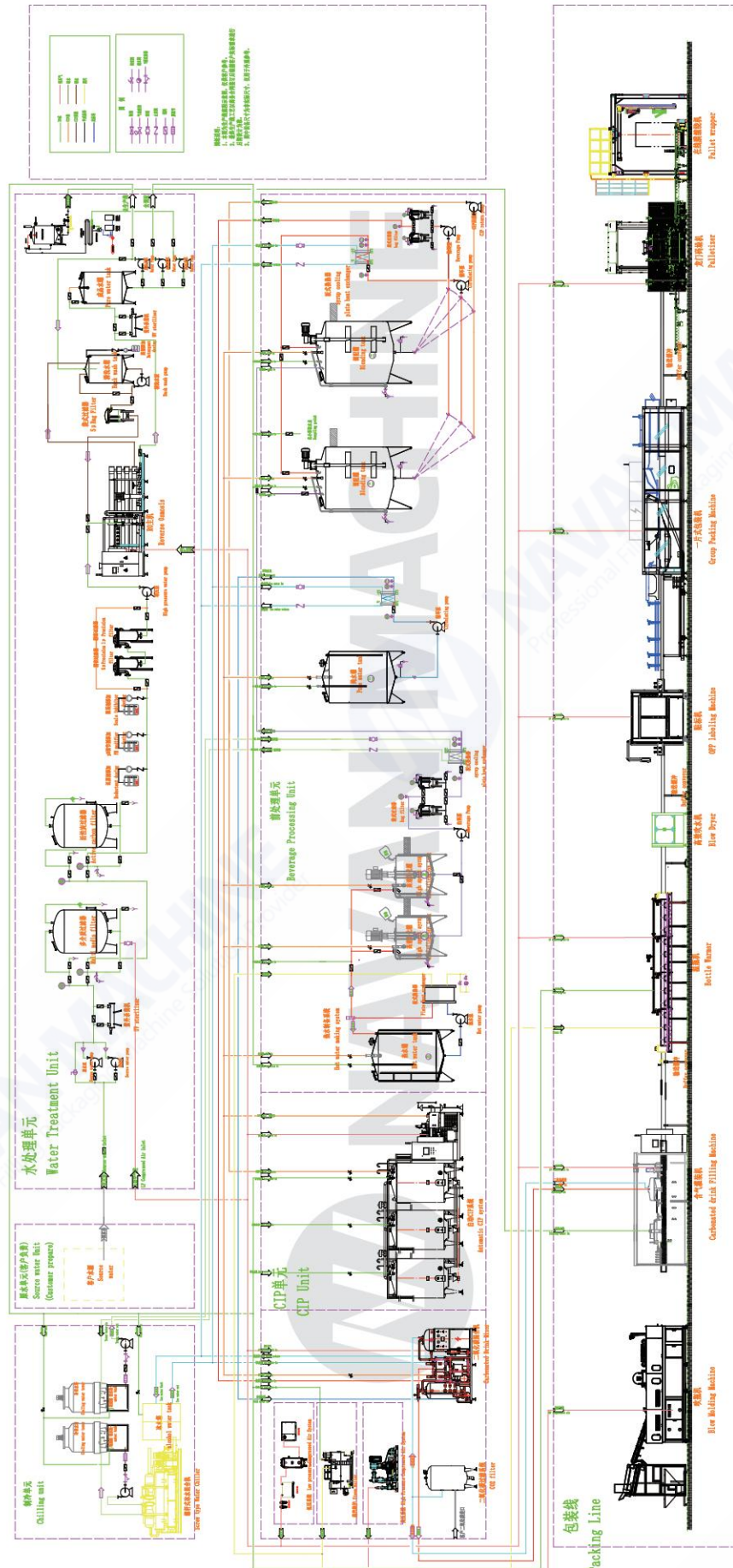
Focus on turnkey production line solution since 2010



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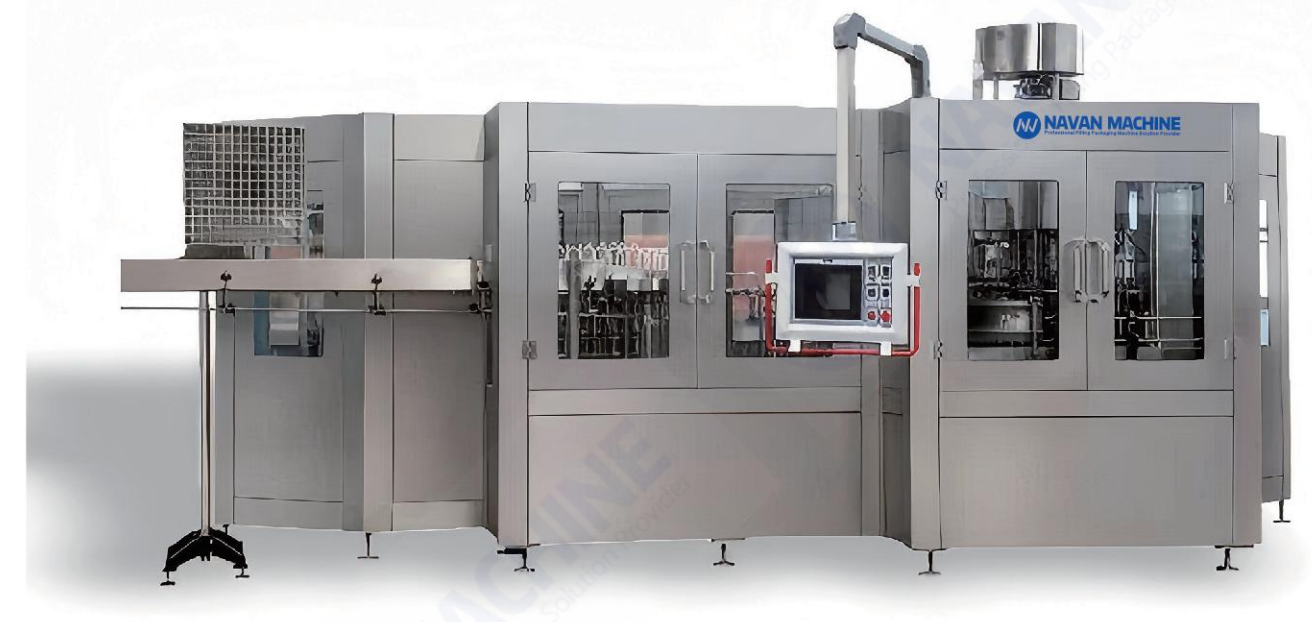
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NAVAN MACHINE
Professional Filling Packaging Machine Solution Provider

200-2000ML PET BOTTLE WATER WASHING FILLING CAPPING MACHINE

XGF series three-in-one machine for PET bottle integrates the functions of rinsing, filling and capping together. Based on advanced technology overseas and designed according to the filling processing demands of PET bottles with all volumes and shapes for still water, pure water, RO water, mineral water, sparkling water, tea, non-carbonated drink etc. The whole machine is made of SUS304. The filling head is spring type without dead angel, no dripping. Easy for clean and maintenance. The holding clap model is suitable for all bottles with same bottle neck, it is easy to change bottle shapes and volumes.



Model	XGF 8-8-4	XGF 14-12-5	XGF 18-18-6	XGF 24-24-8	XGF 32-32-10	XGF 40-40-12	XGF 50-50-15	XGF 60-60-15
Production Capacity(500ml)	2500~3000 BPH	5000BPH	6000~7000 BPH	10000~12000 BPH	16000~17000 BPH	19000~20000 BPH	23000~24000 BPH	34000~36000 BPH
Suitable bottle specification	Volume=100-2000ml Diameter ϕ =50-100mm Bottle height H=150 ~340mm Volume=100-2500ml Diameter ϕ =50-115mm Bottle height H=150 ~350mm							
Bottle neck/Cap Style	Plastic Screw Cap ϕ =20-50mm							
Main Power (KW)	1.9	3.5	4.0	4.8	5.5	7.5	11.0	15.0
Power Supply	Voltage:220V~480V,3phase; Frequency:50HZ/60HZ or your requirement							
Overall dimensions (mm)	1900*1420*2000	2050*1800*2400	2580*2100*2200	2780*2200*2200	3800*2800*2600	4600*2800*2600	5450*3300*2600	6500*4500*2600
Weight (kg)	1500	2500	3500	4500	6500	8500	9800	12800



200-2000ML PET BOTTLE CARBONATED DRINK WASHING FILLING CAPPING MACHINE

The XGFD machine is mainly used for carbonated soft drinks filling and soda water drinks filling and sparkling water filling. It combines rinsing and filling and capping as one automatic body suitable for PET or other plastic bottles. The iso-pressure (iso-barometric) filling technology is adopted to fill more efficient and more stable with more output than the machine of the same level from others.



Model	XGFD 8-8-3/4	XGFD 14-12-5	XGFD 18-18-6	XGFD 24-24-8	XGFD 32-32-10	XGFD 40-40-10/12	XGFD 50-50-12/15	XGFD 60-60-15
Production Capacity (500ml)	800~1000 BPH	2000~2500 BPH	4000~5000 BPH	7000~8000 BPH	9000~10000 BPH	15000~16000 BPH	19000~20000 BPH	22000~24000 BPH
Suitable bottle specification	Volume=100-2000ml Diameter ϕ =50-100mm Bottle height H=150~340mm Volume=100-2500ml Diameter ϕ =50-115mm Bottle height H=150~350mm							
Bottle neck/Cap Style	Plastic Screw Cap ϕ =20-50mm							
Main Power (KW)	1.9	3.5	4.0	4.8	5.5	7.5	11.0	15.0
Power Supply	Voltage:220V~480V,3phase; Frequency:50HZ/60HZ or your requirement							
Overall dimensions (mm)	1900*1420*2000	2050*1800*2400	2580*2100*2200	2780*2200*2200	3800*2800*2600	4600*2800*2600	5450*3300*2600	6500*4500*2600
Weight (kg)	1500	2500	3500	4500	6500	8500	9800	12800



200-2000ML PET BOTTLE JUICE WASHING FILLING CAPPING MACHINE

Integrating with washing, filling and capping, Our XGFR series machine realizes full automation in the whole process, suitable for polyester bottle and plastic bottle filling of juice. The bottle types applicable for various parts are easily, conveniently and rapidly adjustable. It adopts new micro-negative pressure filling, stable and reliable. Compared with the machines of the same specification, the benefit of this machine is larger.



Model	XGFR 8-8-4	XGFR 14-12-5	XGFR 18-18-6	XGFR 24-24-8	XGFR 32-32-10	XGFR 40-40-12	XGFR 50-50-15	XGFR 60-60-15
Production Capacity (500ml)	2500~3000 BPH	5000BPH	6000~7000 BPH	10000~12000 BPH	16000~17000 BPH	19000~20000 BPH	23000~24000 BPH	34000~36000 BPH
Suitable bottle specification	Volume=100-2000ml Diameter ϕ =50-100mm Bottle height H=150~340mm Volume=100-2500ml Diameter ϕ =50-115mm Bottle height H=150~350mm							
Bottle neck/Cap Style	Plastic Screw Cap ϕ =20-50mm							
Main Power (KW)	1.9	3.5	4.0	4.8	5.5	7.5	11.0	15.0
Power Supply	Voltage:220V~480V,3phase; Frequency:50HZ/60HZ or your requirement							
Overall dimensions (mm)	1900*1420*2000	2050*1800*2400	2580*2100*2200	2780*2200*2200	3800*2800*2600	4600*2800*2600	5450*3300*2600	6500*4500*2600
Weight (kg)	1500	2500	3500	4500	6500	8500	9800	12800



200-2000ML PET BOTTLE BEER WASHING FILLING CAPPING MACHINE

PET bottle filling machine adopts advanced proportional membrane valve with continuous liquid level floating technique which helps to prevent the foaming generation and allows the liquid filling level more accurate to $\pm 2\text{mm}$. Finally liquid losses can be reduced by 2.5%.

Electronically controlled long-tube carbon dioxide replacement system ensures extremely low oxygen increase during the filling process. It can achieve average oxygenation as low as 30ppb, maximizing the product's shelf life to average 118.2 days in record.

The PLC controlled air cylinder filling valve is modified from KHS technology; Shutdown CIP cleaning system is controlled by PLC as well to improve the cleaning efficiency.



Model	NPXZGF 9-9-9-4PRO	NPXZGF 24-18-24-6PRO	NPXZGF 40-24-40-10PRO	NPXZGF 60-32-60-15PRO
Production capacity (500ml)	800-1500BPH	3500-7000BPH	8000-15000BPH	18000-22000BPH
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	$\pm 1\sim 2\text{mm}$	$\pm 1\sim 2\text{mm}$	$\pm 1\sim 2\text{mm}$	$\pm 1\sim 2\text{mm}$
Overall dimensions (mm)	3850x2170x2200	4550x2600x2200	7700x3100x2200	10500x4700x2200
Weight (kg)	4000	7000	15000	20000



5 GALLON BARREL WASHING FILLING CAPPING MACHINE

QGF type barreled water filling machine is the core equipment in the 5 Gallon barreled drinking water producing line. It is the ideal equipment for mineral water, distilled water and purified water producing process. The machine is made of excellent stainless steel with the advantage of easily-rinsing and corrosion-resistance. The main electrical parts adopt products with brand of SIEMENS and OMRON. Pneumatic parts adopt products with brand of AIRTAC. Both the inner and outer shower nozzle for washing barrel adopt the special technology equipment from American sprayer company. The machine works reliably and efficiently based on the compact structure and high automatic technology. It is the fully automatic barreled water producing equipment combined with machine, electronic and pneumatic components.



Model	QGF-120	QGF-300	QGF-450	QGF-600	QGF-900	QGF-1200
Production Capacity(B/H)	100-150	250-300	400-450	600	900	1200
Filling heads	1	2	3	4	6	8
Machine type	Linear type	Linear type	Linear type	Linear type	Rotary type	Rotary type
Filling capacity(L)	10-20L					
Barrel specification	$\Phi 270 \times 490\text{mm}$					
Air source pressure(MPa)	0.4-0.6					
Air consumption (m ³ /min)	0.35	0.5	0.5	0.6	0.6	0.6
Total Power(Kw)	2.9	3.5	4.3	6.2	8.7	9.5
Overall Dimensions (L x W x H)(mm)	2600 x 650 x 1550	3900 x 1500 x 1700	3900 x 1775 x 1700	3900 x 2050 x 1700	2200 x 1860 x 2200	2560 x 2350 x 2200
Total Weight(Kg)	800	1500	2000	2500	3000	3500



GLASS BOTTLE BEER WASHING FILLING CAPPING MACHINE

This glass bottle beer filling machine adopts the internationally popular "secondary vacuuming and high-pressure foaming" technology to minimize the oxygen content of beer and greatly improve the taste of beer; precise pressure control and automatic detection functions of glass bottles further ensure that beer filling equipment are always of perfect quality. This machine is designed and developed by introducing German technology and combining the characteristics of the beer production industry. It has excellent operational reliability, perfect functions such as washing, filling, capping, disinfection and sterilization, and the output ranges from 600 to 12,000 bottles per hour.



Model	NPXGF 9-9-4PRO	NPXGF 24-24-10PRO	NPXGF 32-32-12PRO	NPXGF 40-40-12PRO
Production capacity (500ml)	600-1200BPH	3000-6000BPH	7000-9000BPH	9000-12000BPH
Suitable bottle height (mm)	120-320			
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)	3	4	5.5	7.5
Liquid level error	±1~2mm	±1~2mm	±1~2mm	±1~2mm
Overall dimensions (mm)	3000x2200x2200	3600x2950x2200	4600x3500x2200	5400x3950x2200
Weight (kg)	4000	6000	10000	15000



GLASS BOTTLE CARBONATED DRINK WASHING FILLING CAPPING MACHINE

Glass bottle carbonated drink bottling machine is mainly used for the production of various types of gas-containing beverages, etc. The machine is a three-in-one filling production line, which realizes bottle washing, filling and capping on one machine. The bottling machine makes better use of the safety and sanitation of glass bottles, has good corrosion resistance and acid corrosion resistance, so that the whole process of filling is produced aseptically, and the nutrition of the drink is better preserved. The bottling machine adopts a PCL programmable controller, which realizes the automatic control from the bottle entering the machine to the completion of the packaging. The frequency conversion speed control is adopted, which is easy for users to adjust, and meets the requirements of different production capacity.



Model	NPXGF 14-12-5	NPXGF 18-18-6	NPXGF 24-24-8	NPXGF 32-32-8	NPXGF 40-40-10
Production capacity (330ml)	1000-1500BPH	3000-5000BPH	6000-8000BPH	8000-10000BPH	12000-15000BPH
Suitable bottle height (mm)	160-340				
Suitable bottle diameter (mm)	50 ~ 100				
Rinsing Water pressure (Mpa)	0.25 ~ 0.3				
Filling way	Isobaric filling (twice vacuumized)				
Filling temperature (°C)	0~5				
Filling pressure (Mpa)	0.15~ 0.5				
Main motor power (kw)	2.2	3	4	7.5	7.5
Total power (kw)	2.75	3.18	4.18	7.68	7.68
Overall dimensions (mm)	2700x1500x2300	3012x2012x3260	3280x2420x3200	4430x2880x3200	4650x3200x3200
Weight (kg)	2800	3800	5000	6800	8800



GLASS BOTTLE WINE WASHING FILLING CAPPING MACHINE

This glass bottle filler and capper is developed on the base of digesting ,absorbing and improving the advanced technology introduced from all over the world , up to international level .This series of machines can meet the filling - sealing requirements of different sealing manners for capper ,T-cork , wooden cork ,screw etc ., and can be applied to water, fruit juice ,coffee drink, protein drinks , rice wine and so on. The machines adopt the international popular design technology. The design is scientific and reasonable, appearance is beautiful, operation and maintenance is convenient , and it is with high degree of automation .So it is an ideal machine for start-up and middle scale factories.



Model	NXGF 14-12-5	NXGF 18-18-6	NXGF 24-24-8	NXGF 32-32-8	NXGF 40-40-10
Production capacity (330ml)	2500-3000BPH	4500-5000BPH	8000-9000BPH	12000-13000BPH	14000-15000BPH
Suitable bottle height (mm)	160-340				
Suitable bottle diameter (mm)	50 ~ 100				
Rinsing Water pressure (Mpa)	0.25 ~ 0.3				
Filling theory	Micro negative pressure filling / gravity filling				
Filling temperature (°C)	0~30 or customzied				
Filling pressure (Mpa)	0.15~ 0.5				
Main motor power (kw)	2.2	3	4	7.5	7.5
Total power (kw)	2.75	3.18	4.18	7.68	7.68
Overall dimensions (mm)	2700x1500x2300	3012x2012x3260	3280x2420x3200	4430x2880x3200	4650x3200x3200
Weight (kg)	2800	3800	5000	6800	8800



Big Bottle Filling Machine

Available capacity: 1000-8000BPH
Bottle volume:3-10L



Single Side Adhesive Labeling Machine

Labeling Speed: 60m/min



Double Sides Adhesive Labeling Machine

Labeling Speed: 60m/min



Three-Sides Adhesive Labeling Machine

Labeling Speed: 60m/min



Star Wheel Rotary Adhesive Positioning Labeling Machine

Labeling Speed: 60m/min



Round Bottle Adhesive Labeling Machine

Labeling Speed: 60m/min





NAVAN MACHINE
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OPP Hot Glue Labeling Machine

Labeling Speed: 150–500 Bottles/Min



Rotary High-Speed Positioning Adhesive Labeling Machine

Available capacity: 2000–24000BPH



Rotary OPP Hot Mel Labeling Machine

Available capacity: 2000–24000BPH



Rotary Full Servo Adhesive Sticker and Opp Hot Melt Modularized Labeling Machine

Available capacity: 2000–24000BPH



Shrink Sleeve Labeling Machine

Labeling speed: 150–400 Bottles/Min



Two Heads Sleeve Shrink Labeling Machine

Labeling Speed: 150–500 Bottles/Min



NAVAN MACHINE
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L-Type PE Film Wrapping Packing Machine

Packing Speed: 2–10 Bags/Min



Linear Type PE Film Wrapping Packing Machine

Packing Speed: 12–15 Bags/Min



Large Linear Type PE Film Wrapping Packing Machine

Packing Speed: 18–20 Bags/Min



High Speed PE Film Wrapping Packing Machine(One Roll Film)

Packing Speed: 22/35/45 Bags/Min



Medium Speed Half-Tray Packing Machine

Packing Speed: 15–18 Bags/Min
30–35 Bags/Min



High Speed Half-Tray Packing Machine

Packing Speed: 40–45 Bags/Min





Carton Forming Machine (Glue)

Max Packing Speed: 30 Bags/Min



One Piece Carton Packing Machine

Packing Speed: 10-45 Cartons/Min



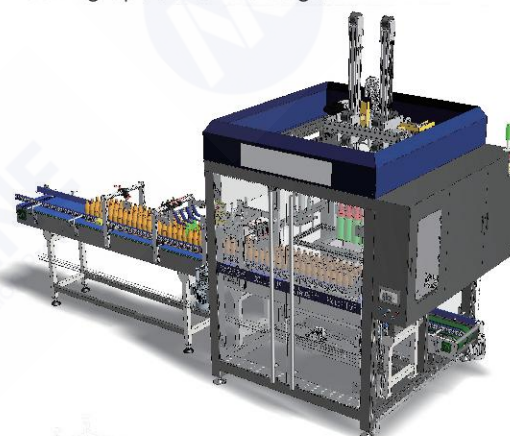
Carton Erector Packing Sealing Machine (Tap Sealing)

Packing Speed: 5-25 Cartons/Min



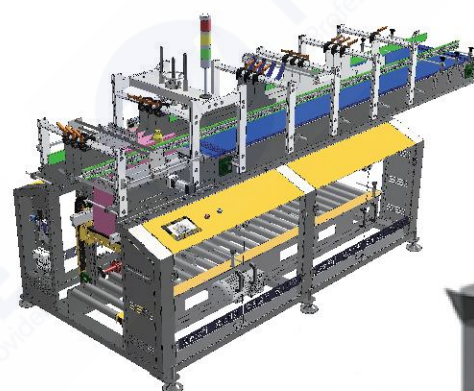
Horizontal Carton Packing Machine (Grab type)

Packing Speed: 5-25 Bags/Min



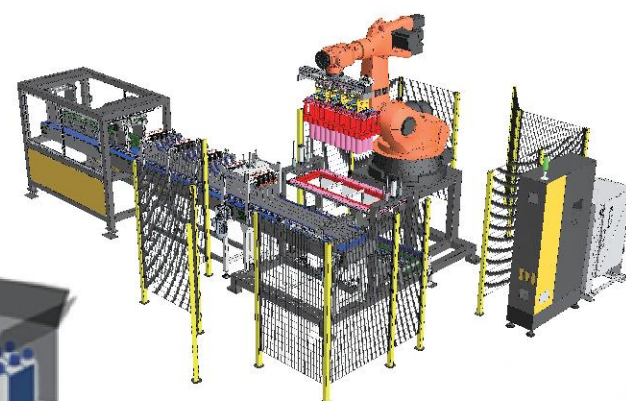
Carton Packing Machine (Drop Type)

Max Packing Speed: 25 Cartons/Min

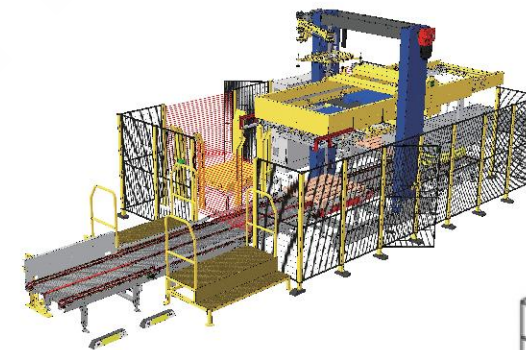


Robotic Carton Packing Machine

Max Packing Speed: 45 Cartons/Min



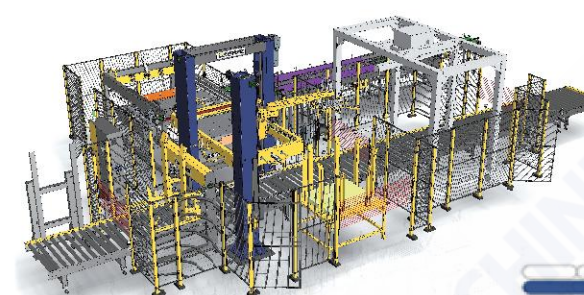
Depalletizer



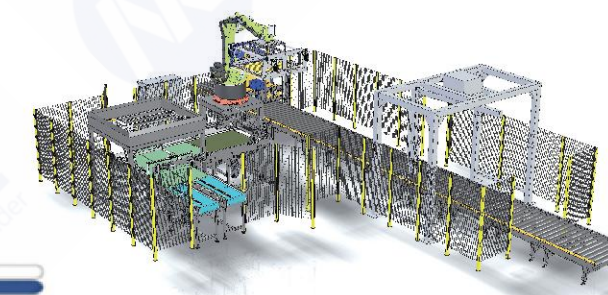
Low Lever Depalletizer



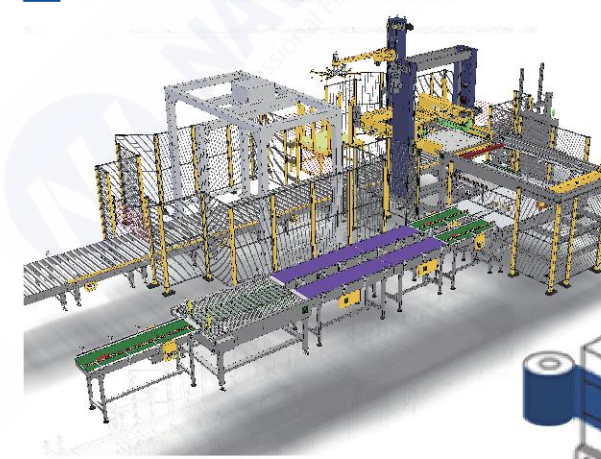
Palletizer+Stretch Film Wrapping Machine



Palletizer (Robot)+Stretch Film Wrapping Machine



Dual-Lane Palletizer+Stretch Film Wrapping Machine



Servo Palletizer(Single column)

