

PACK IT UP!

PUTTING PRODUCTS IN THEIR PLACE



SEAMLESS TRANSITION FROM CASE ERECTING TO PRODUCT LOADING

Once the foundation of case erection has been established, the next process to upgrade in your packaging automation journey is getting your products into the case. Performing this task manually has the same fundamental drawbacks of any process that relies primarily on human involvement: throughput is slow, quality is inconsistent, and the headaches and costs associated with labor are painful.

Automating the case packing process addresses these deficiencies but presents a complex challenge that must be met with a combination of product capabilities and, just as importantly, specific knowledge that only comes from experience. At Combi, we understand that each application is unique. Successful case packing requires expertise in material handling to ensure your products are effectively oriented and presented prior to loading as well as integration know-how to coordinate upstream and downstream processes.

Additionally, Combi's case packing portfolio is not limited to a single technology unlike some other companies in the industry.

We can bring to bare a full range of options to provide the best solution depending on your product format, mix, production speed requirements, floor space constraints, and budget.

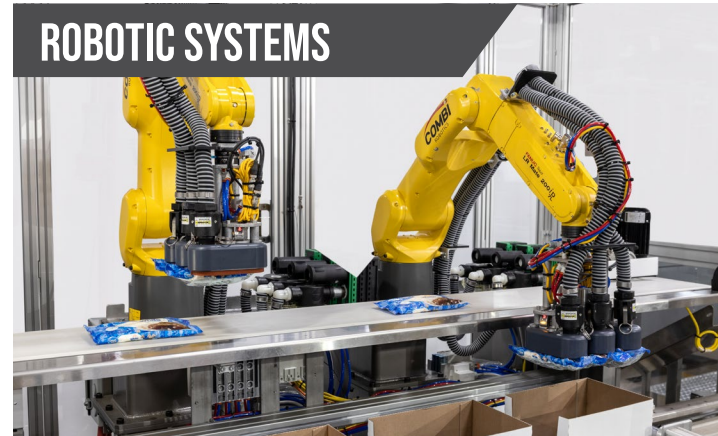


PICK AND PLACE PACKERS

For more delicate or precise placement requirements, our Pick and Place systems offer unmatched performance. Utilizing an automated arm equipped with custom tooling, this system picks products from an infeed conveyor and carefully places them into awaiting cases staged on a parallel conveyor.

Our well-known Alphapack series, which includes an integrated case erector, and the standalone SPP line both support speeds up to 20 cases per minute, combining precise product handling with swift production rates.

ROBOTIC SYSTEMS



For the most complex and varied packing needs, Combi's robotic solutions stand at the forefront of technology. As a certified Fanuc integrator, we leverage a wide range of collaborative and industrial robots, tailoring each system to package products with exceptional reliability, speed, and flexibility.

BUILT FOR THE REAL WORLD TO DELIVER REAL RESULTS

While each case packing solution is different, they all share the same Combi characteristics that make them well-suited for success in an actual production environment:

By choosing Combi, you're not just selecting a machine; you're partnering with a leader in packaging with a deep-rooted history of innovation. Our experience, coupled with an unwavering dedication to solving your packaging challenges, ensures that every case is a showcase that you can be proud of.

FEATURES & OPTIONS

- ▶ An uncompromising focus on safety
- ▶ Heavy duty construction that is designed for maximum reliability
- ▶ Compact footprint to minimize floor space requirements
- ▶ Fast and easy changeovers enhancing flexibility
- ▶ User friendly with an intuitive HMI and simple mechanical adjustments
- ▶ Excellent value that delivers a significant return on investment

ROBUST DESIGN



DROP PACKERS



Engineered for both speed and accuracy, our drop packers are the pinnacle of high-throughput packaging. Products are presented above an open case before being gently "dropped". Our Drop Packers are available with an integrated case erector to minimize cost and footprint with models capable of speeds up to 30 cases per minute. We also offer standalone drop packers that can be fed from an independent case erector capable of speeds up to 50 cases per minute.

HORIZONTAL LOADERS



Some products require a horizontal packing approach due to their shape or orientation sensitivity.

Combi's horizontal loaders are specifically designed for such applications and are available with or without integrated case erectors and capable of managing up to 8 cases per minute, ensuring even the most uniquely shaped products are packed with precision.

FAST CHANGEOVER





DROP PACKER MODEL SPECIFICATIONS

SPECIFICATIONS	DPI	DPI XL	DP 10	DP 12	DP 15	DP 19	DP 20
Integrated Case Erector	N	N	Y	Y	Y	Y	Y
Bottom Case Sealing	N/A	N/A	N	N	Y	N	Y
Max. Speed	25-50 CPM	25-50 CPM	10 CPM	12 CPM	15 CPM	19 CPM	20 - 30 CPM
Max. Case Range	20" x 14" x 18"	24" x 16" x 18"	24" x 16" x 18"	20" x 13.5" x 18"	24" x 16" 18"	16" x 10" x 18"	24" x 16" x 18"
Min. Case Range	8" x 6" x 5"	8" x 6" x 5"	13" x 7.75" x 6"	8.5" x 4.75" x 4"	8" x 6" x 5"	8" x 6" x 5"	8.5" x 4.75" x 4"
Magazine Capacity	N/A	N/A	50" ~150 Cases	50" ~150 Cases	50" ~150 Cases	N/A	50" ~150 Cases
Case Modification Available	N/A	N/A	N	N	Y	N/A	Y
Washdown Option	IP54	IP54	IP54	IP54	IP54	IP54	IP54
Glue Version	N/A	N/A	Y	Y	N	N/A	N
Opposite Case Hand Option	N/A	N/A	N	N	Y	N/A	Y
Std. Voltage	240V/3PH	240V/3PH	240V/3PH	240V/3PH	240V/3PH	240V/3PH	240V/3PH
SCFM - 80 PSI - 3/4 Supply Line	84 SCFM	84 SCFM	17 SCFM	20 SCFM	13 SCFM	30 SCFM	17 SCFM
Footprint	9'7" x 6'6" x 10'7"	12' x 7'5" x 12'	8'3" x 10'6" x 10'7"	8'3" x 10'6" x 10'7"	13'6" x 10'7" x 7'4"	14'3" x 5'8" x 11'10"	8'3" x 10'6" x 10'7"
Approx. Shipping Weight	~2500 lbs.	~2500 lbs.	~4000 lbs.	~4000 lbs.	~4500 lbs.	~4000 lbs.	~4500 lbs.
Std. Finish	Steel Plus 316 is a two component, water base epoxy filled with 316 stainless steel flake. Finish Color is a Steel-It Grey and is USDA and FDA accepted.						
Controls	AB COMPACT LOGIX PLC with PV+ Color TS						



PICK AND PLACE MODEL SPECIFICATIONS

SPECIFICATIONS	SPP	SPP DUAL	SPP HL	ALPHAPACK 8	ALPHAPACK 8 HD	ALPHAPACK 10	ALPHAPACK 15	ALPHAPACK 20
Integrated Case Erector	N/A	N/A	N/A	Y	Y	Y	Y	Y
Bottom Case Sealing	N/A	N/A	N/A	N	N	N	Y	Y
Max. Speed	20 CPM	20 CPM	8 CPM	8 CPM	8 CPM	10 CPM	15 CPM	20 CPM
Max. Case Range	24" x 16" x 18"	24" x 16" x 18"	24" x 16" x 18"	24" x 16" x 18"	24" x 16" x 18"	24" x 16" x 18"	24" x 16" x 18"	28" x 16" x 18"
Min. Case Range	8" x 6" x 5"	8" x 6" x 5"	8" x 6" x 5"	8.5" x 4.75" x 4"	8.5" x 4.75" x 4"	8.5" x 4.75" x 4"	8" x 6" x 5"	8" x 6" x 5"
Magazine Capacity	N/A	N/A	N/A	50" ~150 Cases	50" ~150 Cases	50" ~150 Cases	50" ~150 Cases	50" ~150 Cases
Case Modification Available	N/A	N/A	N/A	N	N	N	Y	Y
Washdown Option	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54
Glue Version	N/A	N/A	N/A	Y	Y	Y	N	N
Opposite Case Hand Option	N/A	N/A	N/A	N	N	N	Y	Y
Std. Voltage	240V/3PH	240V/3PH	240V/3PH	240V/3PH	240V/3PH	240V/3PH	240V/3PH	240V/3PH
SCFM - 80 PSI - 3/4 Supply Line	9-12 SCFM	9-12 SCFM	23 SCFM	30-90 SCFM	30-90 SCFM	30-90 SCFM	30-90 SCFM	30-90 SCFM
Footprint	9'7" x 6'6" x 10'7"	12' x 7'5" x 12'	14'3" x 5'8" x 11'10"	8'3" x 10'6" x 10'7"	8'3" x 10'6" x 10'7"	8'3" x 10'6" x 10'7"	13'6" x 10'7" x 10'10"	17'4" x 10'7" x 10'10"
Approx. Shipping Weight	~2500 lbs.	~3000 lbs.	~3000 lbs.	~4500 lbs.	~4500 lbs.	~4500 lbs.	~5000 lbs.	~5000 lbs.
Std. Finish	Steel Plus 316 is a two component, water base epoxy filled with 316 stainless steel flake. Finish Color is a Steel-It Grey and is USDA and FDA accepted.							
Controls	AB COMPACT LOGIX PLC with PV+ Color TS							
Available Options	Hand Pack Station, Low Case, Low Tape, Extended Magazine, Stack Lights, Elevation Kits, Change Part Carts, Spare Parts							



HORIZONTAL LOADERS MODEL SPECIFICATIONS

SPECIFICATIONS	HL	HL XL	HLI	HL SA
Integrated Case Erector	Y	Y	N	N
Max. Speed	6 CPM	6CPM	6 CPM	8 CPM
Max. Case Range	20" x 13.5" x 19.5"	30" x 20" x 32"	24" x 16" x 24"	20" x 20" x 20"
Min. Case Range	8.5" x 4.75" x 4"	13" x 7.75" x 6"	13" x 7.75" x 12"	12" x 12" x 4.5"
Magazine Capacity	50" ~150 Cases	50" ~150 Cases	N/A	N/A
Case Modification Available	Y	Y	N/A	N/A
Washdown Option	IP54	IP54	IP54	IP54
Glue Option	N	N	N/A	N/A
Std. Voltage	240V/3PH	240V/3PH	240V/3PH	240V/3PH
SCFM - 80 PSI - 3/4 Supply Line	27.10 SCFM	27.10 SCFM	12.89 SCFM	12.89 SCFM
Footprint	18' x 16'2" x 7'1"	20'8" x 16'4" x 7'1"	12'5" x 3'1" x 6'10"	11'8" x 7'7" x 4'9"
Approx. Shipping Weight	~4000 lbs.	~5000 lbs.	~2500 lbs.	~2500 lbs.
Std. Finish	Steel Plus 316 is a two component, water base epoxy filled with 316 stainless steel flake. Finish Color is a Steel-It Grey and is USDA and FDA accepted.			
Controls	AB COMPACT - RS LOGIX 5000 - PV+7 HMI			
Available Options	Low Case, Low Tape, Extended Magazine, Stack Lights, Spare Parts			