



**Known for
Reliability
Since 1921**

The BIRO F2000N/F3000N/F4000N/HD3000N/B1200N Food/Patty Forming Machines are designed for production of a wide variety of meat and food products, with a production speed capability of 2000 to 4000 formed products per hour. A large number of drum mold die shapes are available to select from. From the standard round shapes of different widths, to square, oval, rectangle, fish, cutlet, heart, chicken leg, chicken nuggets, bear, rabbit, bone, tree, pork chop, etc. See illustrations on back.

The key feature of this machine is the design of the Mold (die) in the drum. The operator can select infinite product weights by changing the drum die depth (thickness) up to 3/4" (19mm). You do not need different die cups and plates each time you want to change weights. All Food Former Series offers great weight flexibility as well as being able to select from a large number of mold (die) shapes. The Food Former Models are compact, have a small foot print, easy to clean-up, and are reliable and versatile. A real Value-Added Profit Center all its own.



Model F2000N

Model HD3000EH
EH = Extended Hopper

**F2000N / F3000N / F4000N / HD3000N FOOD/PATTY FORMERS
B1200N BISCUIT/COOKIE FORMER**

SPECIFICATIONS

Models:

F2000N	F3000N	F4000N	HD3000N	B1200N (Biscuit/Cookie only)
Plastic Drum			Aluminum Drum	
2000cph	3000cph	4000cph	3000cph	1200cph

cph = max. Cycles per Hour vs Variable Speed

Motors:

HP	KW	TYPE	VOLTS	AMPS	CYCLE	PH	STATUS
1	7.5	TE	115	7.9	60	1	STD
1	7.5	TE	220	4.4	60	1	OPT-NC
1	7.5	TE	220		50	1	OPT-NC
1	7.5	TE	220	3.5	50/60	1	STD F4000N

TE = Totally Enclosed STD = Standard OPT = Optional NC = No Charge

Standard Features: Single hole poly drum mold (die) – select one from any available size or shape • all drum molds have adjustable weights to 1” (25.4mm) thick product • automatic product feed to the mold • twist lock removable feed paddle • auto paper feed size 5.5” x 5.5” (139.7mm x 139.7mm) • manual wire drum cleaner • stop/start pneumatic foot switch • product take-a-way poly belt conveyor, 15-3/8” (390.5mm) long • product hopper 6.5 gal. (25 lt.) approx. capacity – std. F2000N, F3000N, F4000N and B1200N • extended product hopper 10.5 gal (40 lt.) approx. capacity – std. on F2000EH-N, F3000EH-N and F4000EH-N • extended product hopper, approx. 10.5 gal (40 lt.) capacity – std. on HD3000EH only • machine lifting handle for cleaning • safety interlock on hopper cover and drum mold guard • pneumatic wire drum cleaner – std. only on HD3000EH • 2 packs single ply square paper (1330 total sheets) – Md. B1200N does not utilize a paper feed • variable speed drum synchronized with conveyor – only avail. as std. on F4000N and F4000EH-N.

Options (Extra Cost): Pneumatic drum wire cleaner (50 PSI air pressure required) – wire cleaner is standard on HD3000EH only • stainless steel feed paddle – must use when using single 5.1” dia. (130mm) hole and 4.7” dia. (120mm), .787” (20mm) to .984” (25mm) • longer take-away conveyor poly belt 35-3/8” (898.5mm) in place of 15-3/8” (390.5mm) poly belt, except on HD3000EH conveyor belt is 45” (1180mm) long as std. See illustration. • extended stainless steel product hopper 10.5 gal. (40 lt.) • stainless steel wire mesh take-away conveyor in place of the std. poly 15-3/8” (390.5mm) belt, not available on Md. HD3000EH • stainless steel wire mesh take-away conveyor 35-3/8” (898.5mm) long in place of the std. 15-3/8” (390.5mm) poly belt, not available on Md. HD3000EH • patty paper size 5” x 5” (127mm square) heavy wt., 30 pks (665/pk) / case minimum.







Certification: NSF (not on HD3000EH) (not on wire mesh belt conveyors), ETL, CE

Dimensions & Weight:

Models	F2000N	F3000N	F4000N	B1200N
L x W x H	L24” (610mm) x W23” (584mm) x H28” (711mm)			
w/long conveyor	43”L (1092mm)			
w/extended hopper(EH)	35”H (889mm)			
Weight	143 lbs (65kg)			
Shipping Weight	173 lbs (76.5kg)			
Box Dimensions	L24” (610mm) x W28” (711mm) x H36”(914mm)			
Model	HD3000EH			
L x W x H	L59” (1499mm) x W29” (730mm) x H58.5” (1481mm)			
Weight	225 lbs. (102 kg)			
Shipping Weight	436 lbs (198 kg)			
Box Dimensions	L54” (1371mm) x W45” (1143mm) x H63” (1600mm)			

All specifications contained herein are subject to change without notification.

Drum Molds – Most Popular

 Round Single Hole	F9320000-63.5 63.5mm	 Oval Single Hole	F9320000-1-6550 60mm x 50mm
	F9320000-70 70mm		F9320000-1-10070 100mm x 70mm
	F9320000-76.2 76.2mm		F9320000-1-11070 110mm x 70mm
	F9320000-80 80mm		F9320000-1-11090 110mm x 90mm
	F9320000-85 85mm		F9320000-1-12070 120mm x 70mm
	F9320000-90 90mm		F9320000-1-12080 120mm x 80mm
	F9320000-100 100mm		
	F9320000-101.6 101.6mm	 Double Rectangular Hole	F9320002-2-8020 80mm x 20mm
	F9320000-104 104mm		F9320002-2-9023 90mm x 23mm
	F9320000-105 105mm		F9320002-2-9030 90mm x 30mm
	F9320000-110 110mm		F9320002-2-12025.4 120mm x 25.4mm
	F9320000-115 115mm	 Square Single Hole	F9320000-3-8080 80mm x 80mm
	F9320000-120 120mm		F9320000-3-9090 90mm x 90mm
	F9320000-127 127mm		F9320000-3-100100 100mm x 100mm
	F9320000-130 130mm	 Rectangle Single Hole	F9320000-7-9080 90mm x 80mm
 Round Double Hole	F9320002-8-30 30mm		F9320000-7-10070 100mm x 70mm
	F9320002-8-40 40mm		F9320000-7-10080 100mm x 80mm
	F9320002-8-50 50mm	 Biscuit (Cookie) Forming	F9320000-7-13070 130mm x 70mm
	F9320004-50 50mm double, alum.		

Ask about other Shapes not shown.



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ITEM NO.: LIT-FOODFORMERS-357
 FORM NO.: LIT-FOODFORMERS-357-2-12-2-MARK