



Known for Reliability Since 1921

The BIRO F2000N, F3000N & F4000N Food/Patty Forming Machines are designed for production of a wide variety of meat and food products, with maximum production output capability from approximately 2000 to 4000 formed products per hour. A large number of drum mold die shapes are available. They vary from the standard round shapes of different diameters, to special shapes such as square, oval, rectangle, cutlet, heart, chicken leg, chicken nuggets, tree, pork chop, etc. Call your representative for more information.

The key feature of this machine is the design of the Mold (die) in the drum. The operator can select product weights by changing the drum die depth (thickness) up to 1¼" (32 mm). You do not need different die cups and plates each time you want to change weights. The Food Former Models are compact, have a small foot print, and are easy to clean-up. They are reliable, versatile and are a real Value-Added Profit Center all their own.



Shown With
Optional
Detachable
Product Feed Tray

Model F2000N



**F2000N / F3000N / F4000N
FOOD / PATTY FORMERS**

MODEL SPECIFICATIONS

Models: F = Former; N = NSF; EH = Extended Hopper 2000, 3000, 4000 = cycles/hr.	F2000N F2000EHN	F3000N F3000EHN	F4000N F4000EHN
Product Type	Protein: Red Meat, Pork, Chicken, Fish, etc..		
Motors: 3/4 HP (.56Kw), 115V, 60 Cy, 1 Ph.- 7.9A, IP55	Standard		N/A
Motors: 3/4 HP (.56Kw), 220V, 60 Cy, 1 Ph.- 4.0A, IP55	Special Order @ EC		N/A
Motors: 3/4 HP (.56Kw), 220V, 50 Cy, 1 Ph.- 4.4A, IP55	Special Order @ EC		N/A
Motors: 1 HP (.75Kw), 115V, 60 Cy, 1 Ph.- 7.9A, IP55	N/A		1 Phase - uses Inverter to power 3 Phase, 1HP Motor
Drum Mold	White Poly - Select One Single Round Hole Mold Drum as Standard Equipment from the Standard Selection Chart Below at No Up Charge.		
2 or more Drum Molds	Optional - Extra Cost - Advise Shape or Shapes required		
Foot Switch - Start/stops former and conveyor	Standard Equipment		
Product Hopper 6.5 Gal. – 25 L. (30 lbs.)	Std. Equipment on F2000N, F3000N, F4000N only		
S.S. Feed Tray, detachable, 60 lb. (27.2kg) capacity	Optional - Extra Cost on F2000N, F3000N, F4000N only		
Extended Product Hopper - 10.5 Gal. - 40 L. (60 lbs.)	Standard Equipment on all EHN's only		
Manual Wire Cleaner	Standard Equipment		
Pneumatic Wire Cleaner - 65 PSI air required	Optional - Extra Cost		
Std. Conveyor Belt, 15-3/8" (390.5mm) long	Standard Equipment		
Longer Conveyor Belt, 35-3/8" (898.5mm) long	Optional - Extra Cost		
Extra Long Conveyor Belt, 45" (1180mm) long, included on frame with casters	N/A		
Stainless steel feed paddle	Standard		
Patty Paper Attachment - Accepts up to 5-1/2"(139.7mm) Square	Sample Packs Included (2), 5" x 5" square, Approximately 1330 sheets		
Variable Speed - Drum & Conveyor Synchronized	N/A	Standard Equipment	
Cleaning Tilt Stand	Standard Equipment		
N.S.F., E.T.L. Certification	Yes		
Ledger: Protein = red meat, pork, chicken, fish, etc.; N/A = Not Available; S.S. = Stainless Steel; EC = Extra Cost; Std. = Standard.			

Drum Mold Selection			
Standard -Select One Single Round Hole Mold			
F9320000-70	2.76"	70mm	F9320000-110 4.33" 110mm
F9320000-90	3.54"	90mm	F9320000-115 4.53" 115mm
F9320000-100	3.94"	100mm	F9320000-120 4.72" 120mm
F9320000-127	5.00"	127mm	
Non - Standard / Optional			
 Single Round Hole Mold - EC	F9320000-130 5.12" 130mm		
 Round Double Hole - EC	F9320002-8-50 1.97" 50mm		
 Double Rectangle Hole - EC	F9320002-2-9030 90mm x 30mm 3.54" x 1.18"		
 Square Single Hole - EC	F9320000-3-100100 100mm x 100mm 3.94" x 3.94"		
 Rectangle Single Hole - EC	F9320000-7-10070 100mm x 70mm 3.94" x 2.76"		
 Oval Single Hole - EC	F9320000-1-10070 100mm x 70mm 3.94" x 2.76"		
	F9320000-1-12080 120mm x 80mm 4.72" x 3.15"		
Ask about other Shapes and Sizes not shown.		EC = Extra Cost	

Dimensions & Weight:			
Models:	F2000N	F3000N	F4000N
Dims. (Std. Conv.)	L24" (610mm) x W23" (584mm) x H28" (711mm)		
W/Long Conv.	L43" (1092mm) x W23" (584mm) x H28" (711mm)		
Weight	147 lbs (66.7kg)		164 lbs (74.4kg)
Shipping Weight	191 lbs (86.6kg) Approx.		208 lbs (94.3kg) Approx.
Wood Box Dims.	L28" (711mm) x W30" (762mm) x H39" (991mm)		
Models:	F2000EHN	F3000EHN	F4000EHN
Dims. (Std. Conv.)	L24" (610mm) x W23" (584mm) x H35" (889mm)		
W/Long Conv.	L43" (1092mm) x W23" (584mm) x H35" (889mm)		
Weight	152 lbs (68.9kg)		169 lbs (76.7kg)
Shipping Weight	197 lbs (89.4kg) Approx.		214 lbs (97.1kg) Approx.
Wood Box Dims.	L28" (711mm) x W30" (762mm) x H39" (991mm)		

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All specifications contained herein are subject to change without notification.

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Service is available from locations worldwide