



# Known for Reliability Since 1921

The BIRO F2000N, F3000N, F4000N & HD3000EHN 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, fish, cutlet, heart, chicken leg, chicken nuggets, rabbit, bone, tree, pork chop, etc. Call factory 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 3/4" (19mm). 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 HD3000EHN  
EH = Extended Hopper



**F2000N / F3000N / F4000N / HD3000EHN  
FOOD / PATTY FORMERS**

# MODEL SPECIFICATIONS

<b>Models:</b> F = Former; N = NSF; EH = Extended Hopper HD = Heavy Duty; 2000, 3000, 4000 = cycles/hr.	<b>F2000N</b> <b>F2000EHN</b>	<b>F3000N</b> <b>F3000EHN</b>	<b>F4000N</b> <b>F4000EHN</b>	<b>HD3000EHN</b>
Product Type	Protein: Red Meat, Pork, Chicken, Fish, etc..			
<b>Motors:</b> 3/4 HP (.56Kw), 115V, 60 Cy, 1 Ph.- 7.9A, IP55	Standard		N/A	Standard
<b>Motors:</b> 3/4 HP (.56Kw), 220V, 60 Cy, 1 Ph.- 4.0A, IP55	Special Order @ EC		N/A	Special Order @ EC
<b>Motors:</b> 3/4 HP (.56Kw), 220V, 50 Cy, 1 Ph.- 4.4A, IP55	Special Order @ EC		N/A	Special Order @ EC
<b>Motors:</b> 1 HP (.75Kw), 115V, 60 Cy, 1 Ph.- 7.9A, IP55	N/A		1 Phase - uses Inverter to power 3 Phase, 1HP Motor	N/A
Drum Mold	<b>White Poly</b> - 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			N/A
S.S. Feed Tray, detachable, 60 lb. (27.2kg) capacity	Optional - Extra Cost on F2000N, F3000N, F4000N only			N/A
Extended Product Hopper - 10.5 Gal. - 40 L. (60 lbs.)	Standard Equipment on all EHN's only			Std. Equipment
Manual Wire Cleaner	Standard Equipment			N/A
Pneumatic Wire Cleaner - 65 PSI air required	Optional - Extra Cost			Std. Equipment
Std. Conveyor Belt, 15-3/8" (390.5mm) long	Standard Equipment			N/A
Longer Conveyor Belt, 35-3/8" (898.5mm) long	Optional - Extra Cost			N/A
Extra Long Conveyor Belt, 45" (1180mm) long, included on frame with casters	N/A			Std. Equipment
Stainless steel feed paddle	Standard			
Patty Paper Attachment - Accepts up to 5-1/2"(139.7mm) Square	Two - Sample Packs Included, 5" x 5" square, Approximately 1330 sheets			
Variable Speed - Drum & Conveyor Synchronized	N/A		Standard Equipment	N/A
Cleaning Tilt Stand	Standard Equipment			N/A
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.				

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

<b>Dimensions &amp; Weight:</b>			
<b>Models:</b>	<b>F2000N</b>	<b>F3000N</b>	<b>F4000N</b>
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)		
<b>Models:</b>	<b>F2000EHN</b>	<b>F3000EHN</b>	<b>F4000EHN</b>
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)		
<b>Model:</b>	<b>HD3000EHN</b>		
Dims.	L59" (1499mm) x W29" (737mm) x H58.5" (1486mm)		
Weight	225 lbs. (102 kg)		
Shipping Weight	436 lbs. (198 kg)		
Wood Box Dims.	L54" (1372mm) x W45" (1143mm) x H63" (1600mm)		

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All specifications contained herein are subject to change without notification.

Service is available from locations worldwide