



Known for Reliability Since 1921

The Biro Model AFMG-52-4 Auto-Feed Mixer-Grinder is the ideal application for high-volume meat plants and medium sized processors.

The industrial 10 HP(7.5 Kw) motor provides an output of up to 100 Lbs. (45 kg.) per minute of ground meat.

The heavy-duty auger chain drive system is completely independent from the mixing system. This highly efficient auger drive design transfers the maximum amount of motor torque to the auger.

The mixing system consists of a single-reduction transmission driving robust open face spur gears.

The heavy-duty stainless steel hopper 400 Lbs (182 kg) resists corrosion even in a harsh environment of rigorous cleaners and chemicals.

This durable Mixer-Grinder will provide years of service and more return on your investment.

Power, reliability, and low maintenance, makes the Biro Model AFMG-52-4 a Meat Room Workhorse!



MODEL AFMG-52-4
AUTO-FEED MIXER-GRINDER
(Standard Configuration)

1/8" (3.5 mm)



3/8" (9.0 mm)



AFMG-52-4

MODEL AFMG-52-4 SPECIFICATIONS

Model: AFMG-52-4 Auto-Feed Mixer-Grinder

Construction: Heavy duty stainless steel hopper, lid, paddle, frame and legs. Cast iron hot tin dipped Size 52 bowl, ring and auger.

Motors: TEFC= Totally Enclosed Fan Cooled.

MOTOR	HP	KW	TYPE	VOLTS	AMPS	CYCLE	PH	STATUS
AUGER	10	7.5	TEFC	208-230/460	31-28/14	60	3	STD
MIXER	5	3.7	TEFC	208-230/460	14-12.6/6.3	60	3	STD
AUGER	10	7.5	TEFC	575	11.2	60	3	EC
MIXER	5	3.7	TEFC	575	5.2	60	3	EC
AUGER	10	7.5	TEFC	220/380/415	28/16.2/14	50	3	EC
MIXER	5	3.7	TEFC	220-380/415	14-8.1/7.4	50	3	EC

EC = Extra Charge NC = No Charge STD = Standard

Switch: Watertight magnetic with thermal overload and under voltage protection.

Power cord: 12' 6 GA - 4 strand cord with 50 amp plug, U.S.,
12' 6 GA - 4 strand cord no plug, International.

Hopper Capacity: Hopper: 400 lbs. (182 kg).

Grinding Capacity: Output – up to 100 lbs. (45.5 kg) per minute.

Drive systems: Auger: Single reduction (35 pitch – 4 row) roller chain drive with tapered roller bearings. See Options (EC) (poly) belt auger drive system. Mixer: Single reduction gear box with open face gear drive.

Safety: Magnetic safety interlock on hopper lid & rear cover.

Standard Features: Size 52 right-hand 35° hopper feed inlet (see drawing) • stainless steel mixer paddle with center arms • swivel casters, 6" (152 mm) Dia. w/ side lock • spurt guard • front to back opening lid w/ slow closing gas piston arm • ring wrench • bowl nut wrench • two auger shear pins with screws • receptacle for footswitch • operating and safety manual.

Options(NC): Hopper without side inlet • Stainless Steel 1st grind paddle.

Options(EC): Size 52 plate and knife • single-reduction "Eagle" self-centering, no stretch, no lubrication, poly belt auger drive • electrical or pneumatic footswitch • Size 52 left-hand 35° hopper feed inlet • connections for tandem operations • continuous feed grill lid • stainless steel auger, ring and bowl (Enterprise or Unger Style) • fold up step assembly (see photo).

Certification: U.L., N.S.F., U.L.-C

Weight:

Uncrated: 1316 lbs. (597 kg) approx.
Carton packed: 1553 lbs. (704 kg) approx.
Wood crated: 1683 lbs. (763 kg) approx.

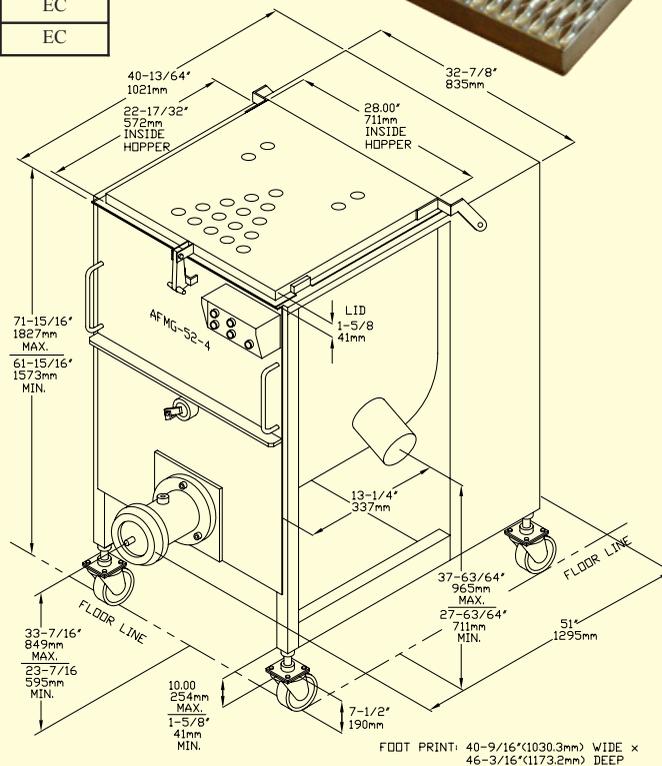
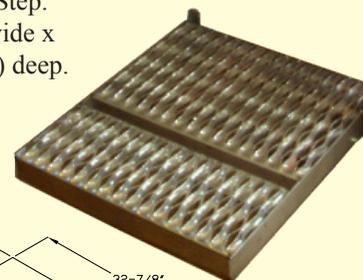
Dims. Crated: L=59" (1498 mm),
W=43" (1092 mm), H=76" (1930 mm)

BIRO MANUFACTURING COMPANY
1114 WEST MAIN STREET
MARBLEHEAD, OH 43440-2099 U.S.A.

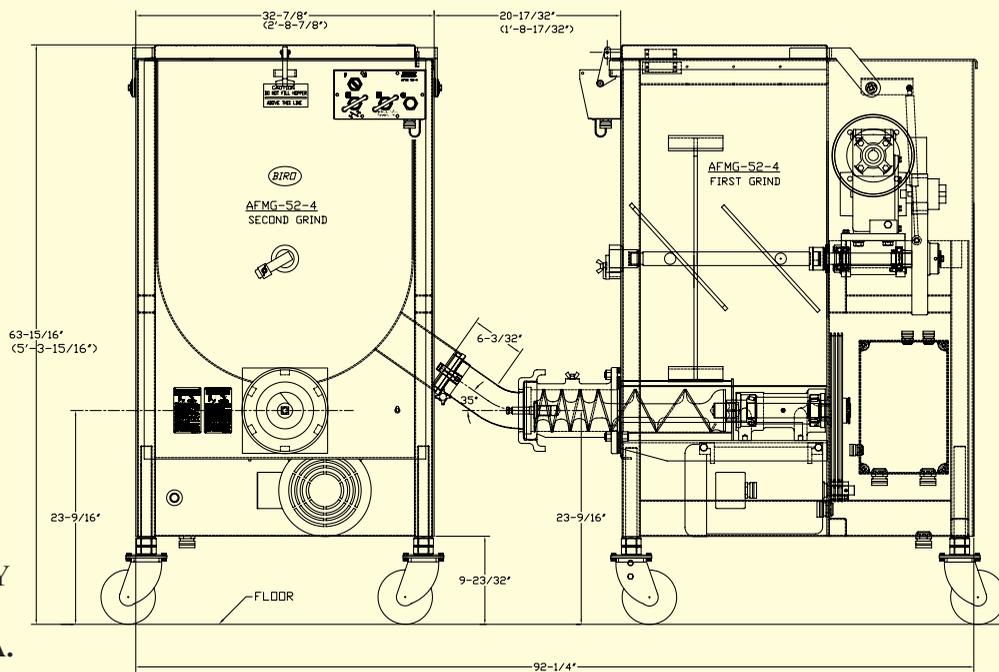
Phone: (419) 798-4451 <http://www.birosaw.com>
Fax: (419) 798-9106 sales@birosaw.com

All specifications contained herein are subject to change without notification.

Optional (EC), Fold-up
Stainless Steel Step.
18" (457 mm) wide x
19-3/4" (502 mm) deep.



Standard Configuration



AFMG-52-4 to AFMG-52-4 Tandem System

ITEM NO.: LIT-AFMG-52-4-334
FORM NO.: AFMG-52-4-334-11-20-5

Service is available from locations worldwide