

# Brower®

## POULTRY PROCESSING EQUIPMENT

**SMALL COMMERCIAL PLANTS**  
400 to 1000 Birds Per Hour

**ON FARM**  
Up to 100 Birds Per Hour



**STAINLESS  
STEEL**

**BROWER® 609 Main Street PO Box 2000 Houghton, IA 52631 USA**  
319-469-4141 \* 800-553-1791(USA) \* sales@hawkeyesteel.com \* www.browerequip.com

# POULTRY PROCESSING EQUIPMENT

Equipment for up to 1000 Birds Per Hour - Pages 2-5 • On Farm Equipment - Pages 6-7  
 • Accessories-Pages 7 & 8

## KILLING LINE CONVEYORS

**PRACTICAL & RELIABLE MECHANICALS • NON-CORROSIVE MATERIALS • DELIVERED AT THE RIGHT PRICE**



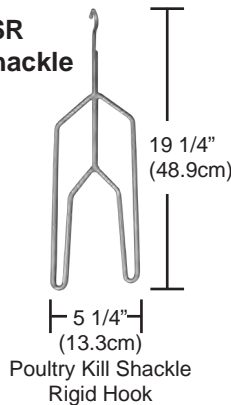
### STANDARD FEATURES

Variable Speed, reversible control; Corrosion resistant aluminum gear box, drive sprocket, take up wheel. Stainless steel input (1/2" diameter) and output shafts (1" diameter). Stainless steel 1" x 1" x .065 square diamond track. Coil link drive chain - sprocket calibrated, case hardened with bright zinc finish. 3/4 HP motor, 115V 60 HZ. Trolleys: Hi-density poly wheels; stainless steel brackets and fasteners. Upgrades available: Wash proof motor; stainless steel drive chain.

Model No.	Description
<b>KILL16</b>	16 foot (4.9 meters) long conveyor, 26" wide (66 cm). 34 shackle spaces.
<b>KILL22</b>	22 foot (6.7 meters) long conveyor, 26" wide (66 cm). 44 shackle spaces.



**KSSSR Killing Shackle**



### Customized Configurations

We can manufacture conveyors with 90 degree turns, bump outs and other configurations to fit most available spaces.



**KLDT**



### STAINLESS STEEL KILLING TUNNEL

Two models are available to work with either KILL16 or KILL22 killing line conveyors. Birds are killed as they enter the tunnel on shackles. The tunnel base is tapered with a drain hole. Both sides have wash nozzles with trigger valves and hose to keep tunnel washed down at intervals.

Model No.	Description
<b>KLDT1W</b>	Stainless Steel Killing Tunnel, 48" wide x 94" long x 79" high. (122 cm wide x 239 cm long x 201 cm high). Use with KILL16 or KILL22.
<b>KLDT2W</b>	Stainless Steel Killing Tunnel, 48" wide x 142" long x 79" high. (122 cm wide x 361 cm long x 201 cm high). Recommended for use with KILL22.

**SK200**

### STUNNING KNIFE

Stunned birds are easier to handle and they bleed more quickly and thoroughly. Stunned birds have fewer bruises and broken wings. You speed up your processing operation. You can control voltage to various ages and sizes of birds or for changing environmental conditions. Virtually the only way to kill turkey.

Model No.	Description
<b>SK200</b>	Electronic Stunning Knife, 110V, 50 HZ, or 60 HZ, single phase. Variable power setting. Includes power cabinet, safety knife and rubber glove. Unit features easy reset overload and ground fault interrupter for operator safety. Available with 220V, 50HZ, Order Model SK200220.

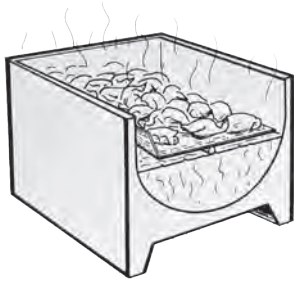


# SUPERSCALD ROTARY SCALDERS

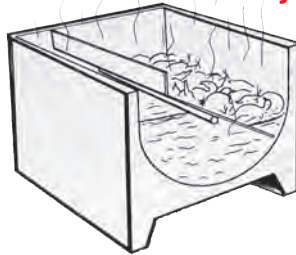
**Maximum Production in Limited Space**

**Minimum Labor**

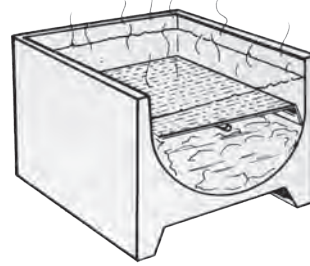
**A Fast, Thorough Scald  
and this is why.....**



**Loaded – Ready to start scald cycle.**  
Consider the ease in loading – no basket to open or shackles to load. Just push the start button to begin operation. Timer automatically resets to desired time.

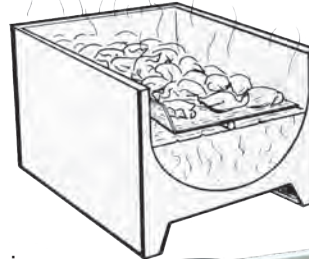
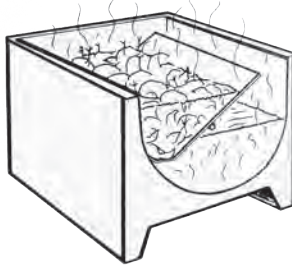


**Position after platform has made about 1/4 of a cycle.** Birds are dumped to bottom of tank. The water level backs up ahead of platform as it turns. Then, water sprays through holes in platform onto birds, giving a spray-action scald.



**Position after platform has made 1/2 of a cycle.** Birds are completely submerged -- not confined in any way but free to tumble in all positions thus assuring a thorough scald.

**Birds are tumbled through the water by the revolving platform and then out of the water to the stop position.**  
The platform rotates at 10 RPM and will rotate several times depending on length of scald.



**Out of the water and ready for picking.** The water will drain away, yet birds will not dry out if not picked immediately. No lids or shackles to hamper unloading.

We offer models with three capacities. Each of the three is available in either stainless steel or galvanized materials. The mechanicals are the same for all models.

**STANDARD FEATURES:**

**Digital Timer:** 0 to 5 minutes, can be set to read in seconds;

**Dial Thermostat:** sensitive to within 1 degree F;

**Automatic Pilot** provides for igniting the main burner(s), to shut off the supply to the main burner(s) and to the pilot burner in case the pilot flame is out;

**Water Level Control; Work Table:** A dial thermometer is optional. The cost is the same for either propane (LP) or for natural gas but please specify. 50 Hz(5 cycle) available but needs to be quoted separately. A 6 inch(15.25 cm) non-mechanized exhaust is required (standard, single wall flue pipe, preferably stainless steel).

**Fully assembled.**



**WARNING**

Scalding requires bird immersion for about 60 seconds in 145° F(63° C) water. Contact with water at this temperature can cause severe burns. Exercise caution at all times.

Model No.	Approximate Per Hour Capacities	Tank Dimensions			Overall Dimensions			Motor
		W	L	H	W	L	H	
SS30SS or SS30GALV	350-500 Broilers 350-500 Pheasants 75-100 Turkey Hens 50 Turkey Toms 350-500 Ducks 750 Quail	26 1/2" (67.3 cm)	30" (76.2 cm)	24 1/2" (62.2 cm)	30" (76.2 cm)	56" (142.2 cm)	36" (91.4 cm)	1/2 HP 120-220V, 1Ph 60 HZ One 125,000 BTU Burner (125,000 BTU) 7.4 Amps
SS36SS or SS36GALV	500-750 Broilers 500-750 Pheasants 100-120 Turkey Hens 80 Turkey Toms 500-700 Ducks 1000 Quail	30" (76.2 cm)	36" (91.4 cm)	27" (68.6 cm)	33" (83.8 cm)	66" (167.6 cm)	38 1/2" (97.8 cm)	1/2 HP 120-220V, 1Ph 60 HZ Two 125,000 BTU Burners (250,000 BTU) 7.4 Amps
SS48SS or SS48GALV	1000-1200 Broilers 1000-1200 Pheasants 250-350 Turkey Hens 125 Turkey Toms 1000-1200 Ducks 1800 Quail	36" (91.4 cm)	48" (121.9 cm)	30" (76.2 cm)	39" (99.1 cm)	82" (208.3 cm)	41 1/2" (105.4 cm)	1 HP 120-220V, 1Ph 60 HZ Three 125,000 BTU Burners (375,000 BTU) 9.8 Amps

Gas Consumption: SS30SS – 98 CF/HR(LP); 125 CF/HR (Natural gas).  
 SS36SS – 112 CF/HR(LP); 250 CF/HR (Natural gas).  
 SS48SS – 168 CF/HR(LP); 325 CF/HR (Natural gas).  
 Water Consumption: SS30SS – 1 GPM; SS36SS – 2 GPM; SS48SS – 3 GPM

# SUPERPIK PICKERS

**Even When They Are Empty, Our Pickers are Loaded...**

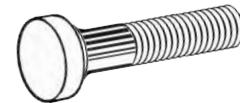
**Our conical shaped centrifuge allows birds to rotate freely for a clean pick.**



SP30SS



SP38SS



We offer models with two capacities. Both are available in either stainless steel or galvanized materials. The mechanicals are identical for both units.

**STANDARD FEATURES:**

**Digital Timer**, 0-5 minutes, can be set to read in seconds;

**Automatic Door** is self closing; latch is operated by start button which starts the timer and opens automatic water valve; door opens automatically at the end of pick cycle;

**Feather Exhaust**. Centrifuges are heavy spun aluminum. A bird catch table (stainless steel on both models) is optional. 50 Hz (50 cycle) is available but needs to be quoted separately. **Fully assembled.**

**WHISPER FINGERS**

MODEL NO.	DESCRIPTION
T1	Used in all picker centrifuges and feather exhausts. Total length – 3 1/2 inches (8.9 cm) fits a 3/4 inch (1.9 cm) hole.



Model No.	Capacity Birds per Hour	Dimensions			Loading Height	Cylinder Diameter	Motor
		W	L	H			
SP30SS	400-700 Broilers 400-700 Pheasants 100-120 Turkey Hens 60-80 Turkey Toms 400-700 Ducks 1000 Quail	35" (88.9 cm)	86" (218.4 cm)	43" (109.2 cm)	43" (109.2 cm)	30" (76.2 cm)	2HP, 220V, 1Ph 60 HZ, 12 Amps
		Length includes bird catch table which is 34" (86 cm) long.					
SP38SS	800-1000 Broilers 800-1000 Pheasants 250-300 Turkey hens 125 Turkey Toms 800-1000 Ducks 1800 Quail	54" (137.2 cm)	90" (228.6 cm)	63" (160 cm)	43" (109.2 cm)	38" (96.5 cm)	3HP, 220V, 1Ph 60 HZ, 17 Amps
		Length includes bird catch table which is 34" (86 cm) long.					

Water consumption SP388S 2 GPM; SP38SS - 3 GPM  
 SP3085 Motor is mounted under the cylinder  
 SP388S motor is mounted above cylinder.

# EVISCERATING EQUIPMENT

## Eviscerating Lines



### WATER FLUSHED TROUGH

#### STANDARD FEATURES:

Stainless steel, 30 inch (76 cm) width, 12 inch (30 cm) depth. EV16 - 10 foot (3 meters) long. EV22 - 15 foot (4.6 meters) long.

**Trigger valve and hose:** EV16 - two on one side; 2 total; EV22 - two on each side; 4 total

**Gooseneck nozzle:** EV16 - one on each side 2 total; EV22 - two on each side; 4 total

**Giblet Station:** 20" wide x 33" long x 37 1/2" high (51 cm x 84 cm x 95 cm)

**Splash Shield:** To reduce splash, mount at user's discretion; 48" (122 cm) x 60" (152 cm); 20 gauge

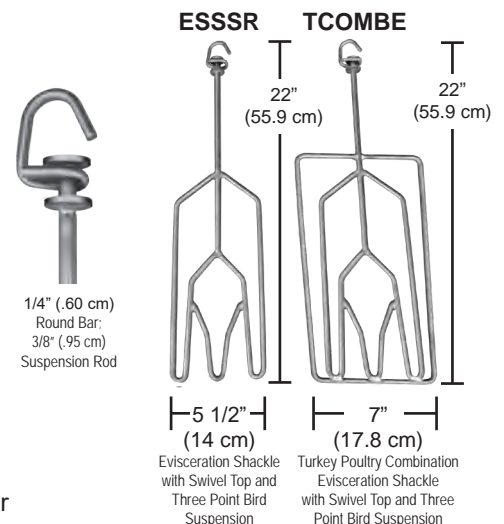
**CONVEYORS:** The conveyors are the same as our Killing Line Conveyors. See page 2.

EV16 - 34 shackle spaces; EV22 - 44 shackle spaces. ESSSR and TCOMBE shackle options. Order shackles separately



**Eviscerating Table.**  
Handy accessory for misc. prep work. See page 7.

Model No.	Description
EV16	Eviscerating Line. 16 foot (4.9 meters) long conveyor - 26" wide (66cm): 10 foot (3 meters) long trough - 30" wide (76 cm).
EV22	Eviscerating Line. 22 foot (6.7 meters) long conveyor - 26" wide (66cm): 15 foot (4.6 meters) long trough - 30" wide (76 cm).



### STAINLESS STEEL GIZZARD PEELER

Hardened, spiral cut rolls are direct driven. 1 1/3 HP motor with gear reducer turns the rolls at 288 rpm. Double pole switch allows you to reverse the rolls. Housing, peeler rolls, stainless steel; frame, stand aluminum 19" wide x 33" long x 40 1/2" high (48 cm wide x 84 cm long x 103 cm high).



Model No.	Description
SSAK4	Gizzard Peeler with floor stand. 115V, 60 HZ, 1 Ph, 1/3 HP.
SSAK452	Gizzard Peeler with floor stand. 220V, 50/60 HZ, 3 Ph, 1/3 HP.
SSAK451	Gizzard Peeler with floor stand. 110/220V, 50 HZ, 1 Ph, 1/3 HP.
HAK4	Gizzard Peeler Head
RAK4	Peeler Rolls Only - Set OF 2



# ON FARM PROCESSING EQUIPMENT

## Kill

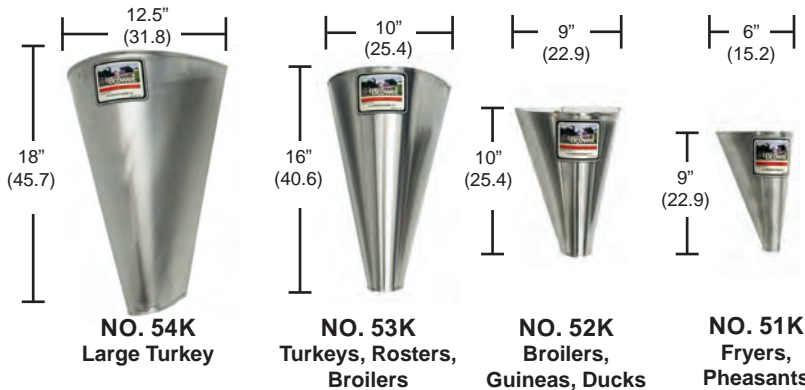
### ADJUSTABLE BLEED RACK FOR KILLING CONES

Four leveling feet; easy rack height adjustment up to 60" (152 cm); Can be disassembled and stored flat. Designed to straddle 2' W x 1' H x 4' L stock tank for blood collection (order separately). All stainless steel. Slotted rail designed to hold these cones: 54K - 6; 53K - 8 (for most pastured poultry broilers); 8 to 10 52K; 10-51K. Each cone requires a QRBT1A bracket (order separately). Bracket comes with SS fasteners but you must drill two holes for attachment.



Model No.	Description
BR48	Adjustable Bleed Rack, 24" wide x 48" long x 60" high (61 cm wide x 122 cm long x 152 cm high)
BRE214	Stock Tank, Poly, 50 Gallon Capacity 2' W x 1' H x 4' L
QRBT1A	Bracket

ALL DIMENSIONS APPROXIMATE



### KILLING CONES

All four sizes constructed of 20 gauge stainless steel. Hemmed edges and lock formed seams assure no snags.

## MANUAL GAS SCALDERS

## Scald

We offer models with two capacities. Both are available in either stainless steel or galvanized materials. The mechanicals are identical for both units. With galvanized materials, the tanks are hot dipped galvanized post fabrication.

### STANDARD FEATURES

Water level and heat controls. Easily accessible pilot light. Drain table can be mounted on side or at the end. Drain table adds 26" (66 cm) of length or width. The cost is the same for either propane (LP) or natural gas but please specify. Pilotstat and pilot burner form an automatic pilot for igniting the main burner. They also shut off the gas supply to the main burner and to the pilot burner in case pilot flame is extinguished. A 6 inch (15.25 cm) non-mechanized exhaust is required (standard, single wall flue pipe, preferably stainless steel). 120/220V 50/60 HZ 1Ph.

Fully assembled.

Model No.	Description
BM38	Holds about 38 gallons. Scalds about 10 broilers at a time. Ideal for pastured poultry operations. 22 1/2" wide x 22 1/2" long x 36 1/4" high (57.1 cm x 57.1 cm x 92.1 cm). Tank dimensions 20" wide x 20" long x 23" deep (50.8 cm x 50.8 cm x 58.4 cm high).
BM60	Holds about 60 gallons. Scalds about 15 broilers at a time. 25" wide x 35" long x 36 1/2" high (63.5 cm x 88.9 cm x 92.7 cm). Tank dimensions 22" wide x 32" long x 23" deep (55.9 cm x 81.3 cm x 58.4 cm high)

Gas consumption: 98 CF/HR(LP); 125 CF/HR(Natural Gas).

### PLASTIC COATED SCALDING BASKETS

These baskets are a big asset in speeding up your manual scalding operation. Heavy wire is coated with tough vinyl plastic.

Model No.	Description
215	Plastic coated Scalding Basket, 14 1/2" diameter, (36.8 cm) top, 10" (25.4 cm) bottom, 9" (22.9 cm) high, Packed 1.



BM38/BM60

### WARNING!

Scalding requires bird immersion for about 60 seconds in 145° F (63° C) water. Contact with water at this temperature can cause severe burns. Exercise caution at all times.



215

## Pick

### UTILITY PICKER

An economical picker for small operations, pastured poultry and general farm use. Will pick most species of birds including turkey (depending on the size - one turkey at a time). Will readily pick 100 birds per hour. Feather exhaust, water spray ring around top perimeter, manual timer. All stainless steel construction. Unquestionably, greater longevity than smaller poly pickers. Universal Appeal - we have sold this one in many corners of the USA, the Caribbean, Central and South America, the Middle East and Africa! Ships 2 per skid.

Model No	Capacity	W	L	H	Loading Height	Cylinder Diameter	Motor
BP25SS	3-6 Birds in 25-45 Seconds	22" 56 cm	24" 61 cm	37" 94 cm	37" 94 cm	25" 64 cm	1 1/2 HP 115-220V 60 HZ 1Ph 15 Amps
BP25SS50	3-6 Birds in 25-45 Seconds	22" 56 cm	24" 61 cm	37" 94 cm	37" 94 cm	25" 64 cm	1 1/2 HP 115-220V 50 HZ 1Ph 15 Amps



1/2" Garden Hose Connection



Feather Exhaust



## Eviscerate

### EVISцерATING TABLE

A versatile table for any processing operation. Use as the primary table for smaller operations. Use for small clean up jobs at larger installations. One piece top with 1" (2.54 cm) lip; 1.75" (4.4 cm) center drain. Two gooseneck wash valves and two trigger valves with hose. All stainless steel.

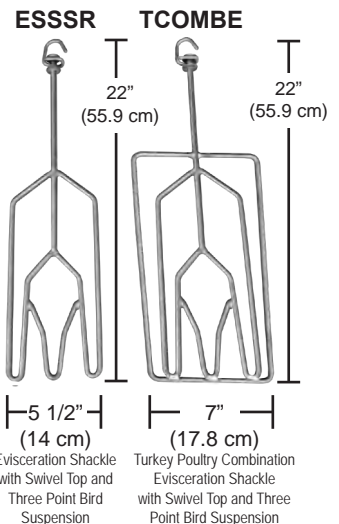


**ET** Eviscerating Table. 29" wide x 54" long x 37" tall (73.7 cm wide x 137.2 cm long x 94.0 cm tall). Overall height (with gooseneck valves) 55" (139.7 cm).

**ETSB** Shackle Bar. Order separately. Adjustable. Maximum height is 79" (201 cm). ESSSR and TCOMBE shackle options. Order shackles separately.



1/4" (.60 cm) Round Bar; 3/8" (.95 cm) Suspension Rod



## ACCESSORIES

### AUTOMATIC BAGGING AND CLOSING

Bagger blows open bags. Vacuum removes air from bag before sealing (not shrink wrap). Includes twist tie sealer - vinyl coated wire is pulled off of a reel, is cut to size and then twisted around neck of bag. A very fast and efficient system. Capacity of up to 10 packages per minute.

Model No.	Description
BVS40	Complete bagging unit includes vacuum and electric tie. 26" wide x 48" long x 60" high. (66 cm wide x 122 cm long x 152 cm high) 115V, 50/60 HZ
BAG35	Special Wicketed Plastic Bags for use with BVS40. 8" x 2" x 14" (20.3 cm x 5.1 cm x 35.6 cm)
312	2000 ft. spool of vinyl-coated wire. 27 gauge wire. Yields 6400 ties.



# ACCESSORIES

## HAND TOOLS



## APRONS

Heavy Duty Plastic Aprons

- \* .015 gauge vinyl
- \* semi-transparent
- \* withstands abrasion, acids and alkalis
- \* **P400** 29" x 35" (74 cm x 89 cm) or
- \* **P401** 29" x 45" (74 cm x 114 cm) knee length.

Low Cost Disposable Aprons

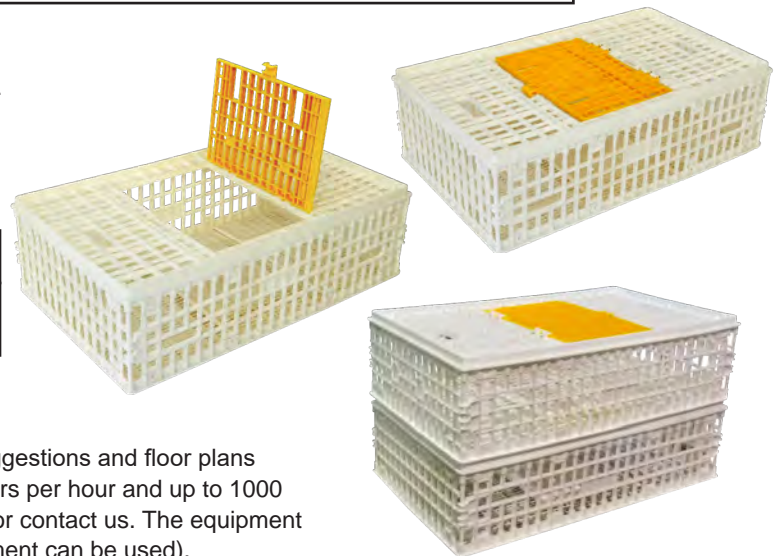
- \* light and comfortable
- \* use and discard
- \* withstands abrasion, acids and alkalis
- \* **DA2846** 28" x 46" (71 cm x 117 cm).

Model No.	Description	
<b>S128</b>	Killing Knife, Stainless Steel Blade.	A in the photo
<b>S130</b>	Pinning Knife, Stainless Steel Blade.	B
<b>475</b>	Trimmer. Stainless Steel 8" (20 cm) Blades. Ergonomic Design. Ambidextrous. Adjustable Tension.	C
<b>726</b>	Boning Knife. High Carbon Steel, Hardened & Tempered. Genuine Hardwood Handle.	D
<b>CLUNG</b>	Chicken Lung Remover 11" Long (28 cm)	E
<b>TLUNG</b>	Turkey Lung Remover 15" Long (38 cm)	F

## TRANSPORT COOP

Designed for optimal air flow. Stackable. Easily washed and sanitized. High density polyethylene. Shipped knocked down but all snap together components. Assembly takes about 3 minutes with no tools. Door 12 1/2" wide x 16 1/2" long (31.8 cm wide x 42 cm long). Hand holds. 10 broiler capacity.

Model No.	Description
<b>COOP12</b>	Poultry Transport Coop. 22 1/2" wide x 38" long x 11" high (57.1 cm wide x 96.5 cm long x 27.9 cm high)



## PROCESSING PLANS

We have Processing Plans which include operating tips, manning suggestions and floor plans for three sizes of plants -- up to 400 broilers per hour, up to 600 broilers per hour and up to 1000 broilers per hour. Plans are available online, [www.browerequip.com](http://www.browerequip.com), or contact us. The equipment units in these plans are as follows (substitute as you like - any equipment can be used).

		400 BPH	600 BPH	1000 BPH
KILL	Model No.	BR48 With Cones	KILL16	KILL22
SCALD	Model No.	BM60	SS36SS	SS48SS
PICK	Model No.	SP30GALV	SP30SS	SP38SS
EVICERATE	Model No.	ET	EV16	EV22

**WARNING!**  
Gas and electrical hookups required to connect utilities to all killing lines, scalders, eviscerating lines, gizzard peelers, bagging machines, any other accessories and any other products sold by Brower must be made by qualified gas and electrical technicians. All line sizes and other specifications must meet or exceed local and national codes. There must be proper electrical grounding at all times.

**CAPACITIES ARE NOT GUARANTEED!**  
The ability to achieve capacities indicated depends on many factors including, but not limited to, labor force experience, plant layout and availability of constant supply of birds.

All dimensions and capacities are approximate. Dimensions shown are those when unit is set up, not shipping dimensions.

IOWA GOVERNOR'S AWARD FOR EXCELLENCE IN EXPORTING



**Brower**®

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