

Grain Probes

Obtain Accurate and Representative Samples

Brass Open Handle allows grain to enter at all levels simultaneously and empties through the handle opening. This type being the most popular because of the short amount of time needed to retrieve the sample.

Brass Compartmentalized probe allows the collection and separation of samples at different probe depths. Each level is isolated and stored in a compartment for independent testing.

12" Deep Bin Cup

Stainless steel abrasion-resistant tip available.



72" Aluminum Probe also available

Spiral Brass Open Handle allows the sequential sampling of grain. Probe gates open and close at different times while the probe handle is turned by the operator. Grain samples are collected from the bottom up at different moments. The total sample is poured through the handle opening.

40"-144" probe sizes are available for all types.

Grain Probes

Size	Length	Number of Openings	Partitions
40BOH	40"	5	No
51BOH	51"	7	No
63BOH	63"	9	No
72BOH	72"	11	No
96BOH	96"	15	No
120BOH	120"	20	No
144BOH	144"	20	No
63BC	63"	10	Yes
72BC	72"	12	Yes
96BC	96"	16	Yes
120BC	120"	20	Yes
144BC	144"	20	Yes

Spiral Probes

Size	Length	Number of Openings	Partitions
40SBOH	40"	5	No
50SBOH	50"	7	No
62SBOH	62"	9	No
72SBOH	72"	11	No
96SBOH	96"	15	No

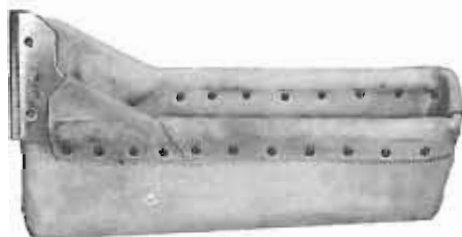
Deep Bin Cup

12" Long / Holds over 250 grams
 $\frac{3}{8}$ " x 3' Extension rods and T-handles available

All probes are 100% brass including handles. Also available with wood handles. The 72BC and the 120BC are approved by the Federal Grain Inspection Service. Special length or compartmentalized probes can be manufactured upon request.

#24 PELICAN SAMPLER

(w/o handle)
 Leather Pouch
 18"L x 6" D x 2" W



#23 ELLIS SAMPLER

Used to obtain a falling stream of grain

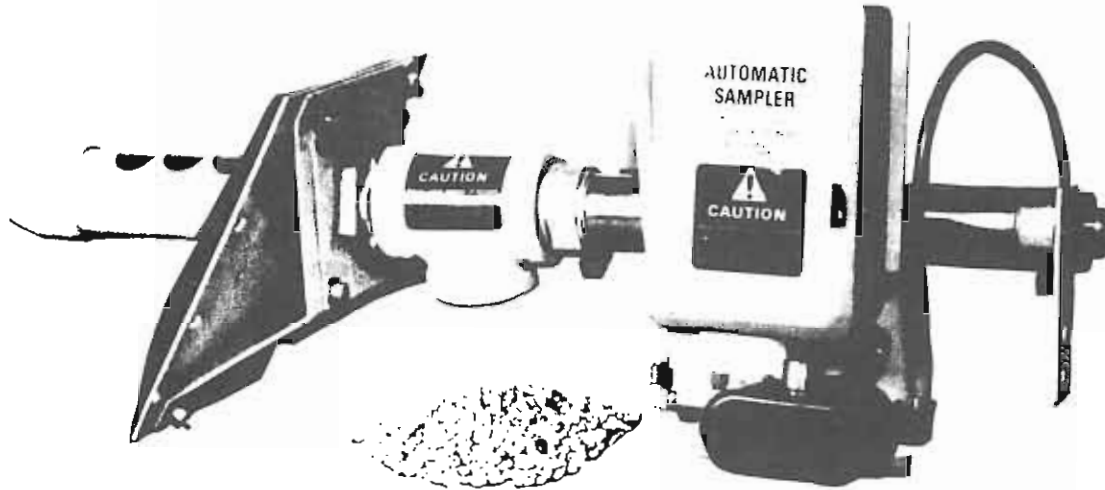


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A310 Automatic Sampler

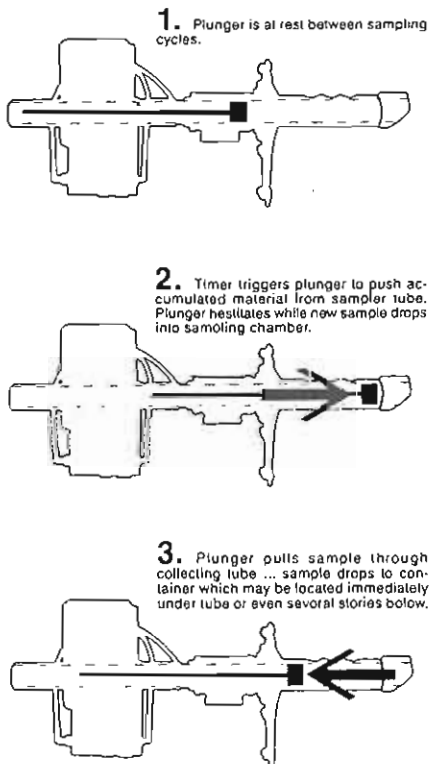


The model M point type sampler is ideal for use in quality control and bagging operations. This unit operates pneumatically and is supplied complete with an air cylinder, pneumatic solenoid valve and timer. It is available in two sizes, 10" and 16". Both sizes operate and mount identically.

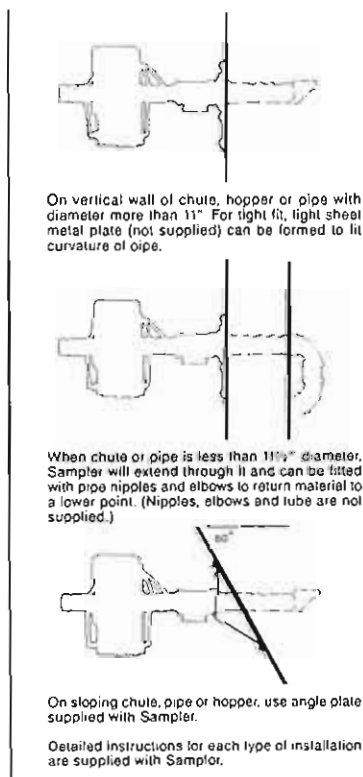
This unit samples grain, meal, powder, pellets and other aggregate materials up to 1/2" in diameter. Sampler frequency is easily adjusted and can cycle 12 to 120 samples per hour. Each stroke of the 10" sampler produces 1/2 pint of product, slightly more for the 16" model.

Unit operates on 110 volt, single phase, 60 cycle AC power and 60-125 PSI compressed air. Standard unit is not explosion - proof. For this and other options please see below.

How it works



How it's installed



Sampler must be located in downward flow of material to be sampled.

It's best for the tube to be installed level, however, the sampling end may be elevated up to 15° from horizontal.

When installed, approximately 10 1/2" of the tube will be inside the chute, hopper or pipe and about 20 1/2" outside.

Righthand installation is shown in these drawings. For lefthand mounting, merely transfer control assembly to other side.

Options

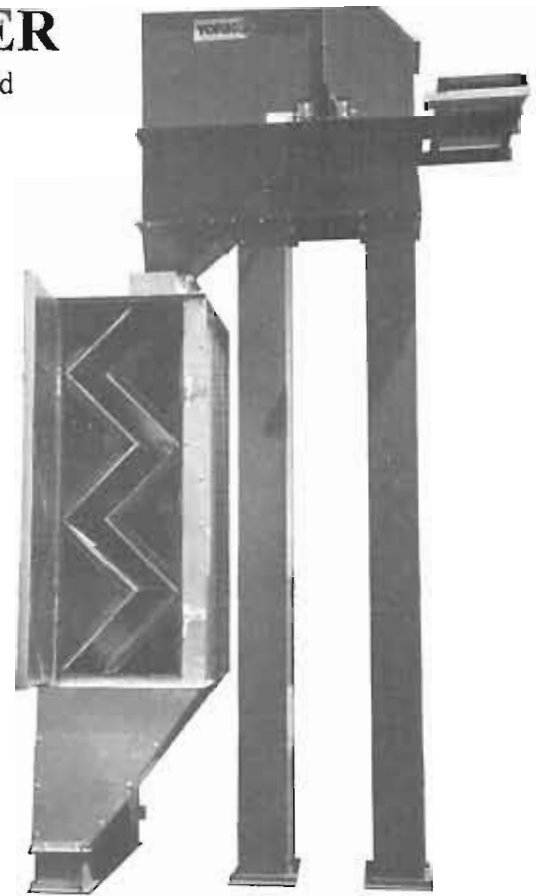
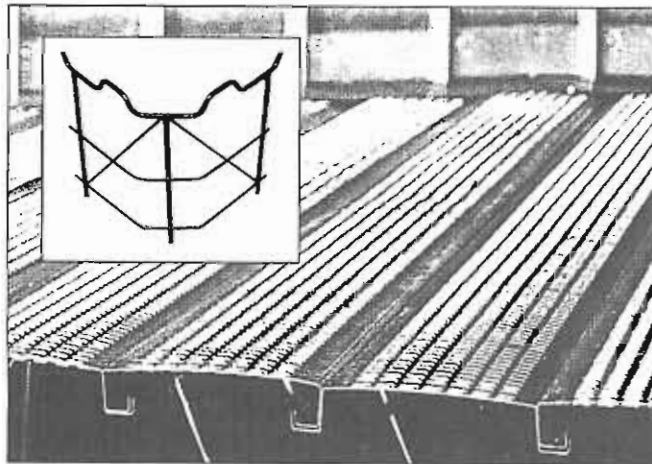
This unit can be supplied standard as shown above or can be fitted with any of the following options:

- Ceramic filled epoxy coating placed on the sample pipe for extra wear.
- Stainless steel sample pipe and tee.
- Nema 9 electric enclosure and solenoid valve.
- Nema 4 electric enclosure.
- Food grade seals.

Any or all of the above may be utilized at the same time depending on your specific needs.

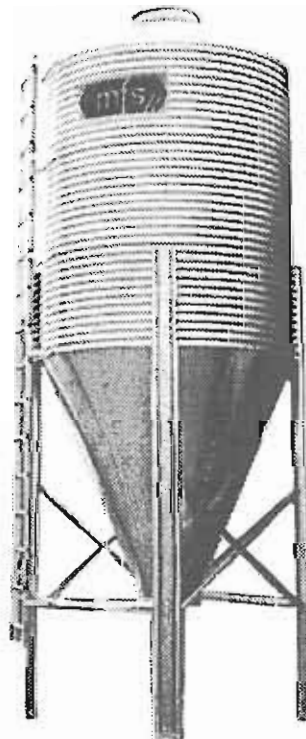
"ZIG ZAG" GRAVITY CLEANER

- Eliminate dockage at the elevator while increasing storage and dryer efficiency
- 1,500 through 10,000 bushels per hour capacity
- All galvanized construction
- No moving parts to wear out
- Simple, convenient, one-man screen replacement
- Wide selection of screen sizes
- May be used on leg, at ground level, or mounted for portable operation
- Lined clean grain discharge hopper
- Low cost



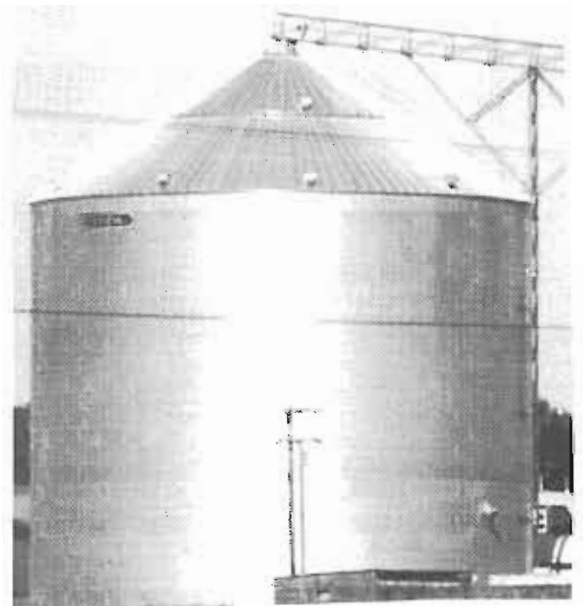
AERATION FLOORS

Engineered floors are a better solution than concrete blocks. Our floors allow for better airflow, are lightweight, easy to install and will withstand high heat and stress over time.



• Hopper Bottom Bins Storage Bins

- Capacities from 118 Bushels to over 260,000 Bushels
- Complete line of accessories:
 - Side Draw Unloading for storage bins
 - Outside and inside ladder
 - Aeration system
 - Roof stairs and catwalks
 - Temperature cable systems
 - Material handling equipment





CARTER-DAY DOCKAGE TESTER

Designed by Carter-Day to meet specifications of the U.S.D.A., The Carter-Day Dockage Tester provides accurate and uniform tests for grain samples for dockage. It is the official testing machine used in Federal Grain Inspection Service offices of the U.S.D.A., the department's licensed inspectors, state grain inspection offices and Canadian Grain Commission.

Official procedures have been established for testing wheat, corn, barley, rye, flax seed, rice and grain sorghums. (Other grain standards are currently being considered by U.S.D.A.) Instructions on the proper riddles and sieves to use, along with their procedures for testing these grains, are furnished with the tester. A partial list follows.

The Carter-Day Dockage Tester is furnished complete with a 1/3HP electric motor. Actual dimensions are 3'5" L x 2'3" W x 4'7" H. Shipping weight with riddles and sieves from 450 lbs to 475 lbs.

No. CDT/B 115V/60HZ/1PH less riddles & sieves
 No. CDT/C 115/230V/50HZ/1PH less riddles & sieves

Type of Grain	Riddle	Top Sieve	Middle Sieve	Bottom Sieve
Hard Red Spring/Red Durum Wheat	#2		#2	#2
White Winter Wheat (Small to Medium Size)	#2		#2	#2
Hard/Soft Red Winter Wheat and Large White Winter Wheat	#2		#2	#2
Rye & White Durum Wheat	#25		#2	#2
Corn	Double			
Barley	#6	#8	#6	
Flax	#000	#4	#2	#7
Oats	#6	#6	#5	#1
Sorghum		#6		#1
Soybean		#12	#3	#10

Where current modified U.S.D.A. standards are required, information will be furnished on sieves or riddles needed.

Variety of Rice	Equipment for Rice Riddle and Sieves Required for Removing Foreign Material from Rough Rice							
	Rexoro Patna	Blue Bonnet	Nira Fortuna	Blue Rose Early Prolific	Mag-nolia Zenith	Calrose	Pearl	Pearl*
1st Run Riddle	—	—	—	—	—	—	—	—
Top Sieve	28	28	28	29	28	31	31	31
Middle Sieve	25	25	25	26	25	27	26	21
Bottom Sieve	22	22	4	4	4	—	4	—
2nd Run Riddle	000	000	000	000	000	—	000	—
Top Sieve	—	—	—	—	—	27	—	30
Middle Sieve	5	23	24	24	23	—	25	—
Bottom Sieve	20	20	20	20	20	—	21	—

*Sieves in this column are to be used when rough rice contains seeds of the varieties of Echinochloa crusgalli.

The No. 3 sieve may be used in the Top Sieve Carriage to facilitate removal of paddy kernels with stems remaining on them in samples of Western Production.

STRAND SIZER SHAKER



The Strand Sizer Shaker is adaptable for use with the KC Supply Official Grain Dockage Sieves on page 95 and the US Standard 8-inch sieves (not pictured). The Strand will hold one bottom pan with one sieve or one bottom pan, one sieve and one scalping sieve. A light jarring action keeps material moving over the sieves and helps keep sieve openings clean. Unit is equipped with a pulse timer for 5 to 100 strokes. Actual dimensions 22" L x 10 3/4" W x 11 1/2" H. Shipping Weight 48 lbs.

No. ST-SS Strand Sizer, Model P, 110V/60HZ
 No. K22 Transformer for 220V operation

OFFICIAL GRAIN DOCKAGE SIEVES

Seedbuero Dockage Sieves are manufactured to comply with the specification of the U.S. Department of Agriculture. They are regularly used by federal grain supervision offices, state grain inspection departments and licensed grain inspectors. Most sieves are available in commercial and precision grades. All federal grain inspectors use precision sieves, but for most applications the commercial sieves will suffice.

Sieves should be replaced when the perforations show wear, if accurate results are to be obtained. Slotted sieves used in sizing barley and oats need to be replaced regularly since these grains are highly abrasive. A worn sieve lets too much material pass through, giving inaccurate results. Damaged or dented sieves should always be replaced. Sieves are made of No. 20 gauge B & S aluminum. Decimal equivalents of diameter or width are shown in parenthesis ().

Actual dimensions: 13" Diam. × 2³/₈" Deep
 for sieves A and H: 13" Diam. × 2" Deep
 for sieve E: 13" Diam. × 3" Deep



INDIVIDUAL SIEVES

- No. A 12/64" Round (0.1875") scalper
- No. B 8/64" Triangle (0.0781")
(5/64" inscribed circle)
- No. C 1/12" Round (0.0833")
- No. D 4-1/2/64" × 1/2" Oblong (0.0703")
- No. F .064" × 3/8" Oblong (0.0640")
- No. G 9/64" Triangle (0.1406")
(0.090 inscribed circle)
- No. H 10/64" × 3/4" Oblong (0.1563") scalper
- No. I 8/64" Round (0.1250")
- No. J 10/64" Round (0.1563")
- No. K 2-1/2/64" Round (0.0391")
- No. L 5/64" × 3/4" Slot (0.0781")
- No. M 5-1/2/64" × 3/4" Slot (0.0859")
- No. N 10/64" Round Scalper (0.1563")
- No. P 6/64" × 3/4" Slot (0.0938")
- No. Q 6-1/2/64" × 3/4" Slot (0.1016")
- No. R .028" × 15/32" Slot
- No. S .0395" × 15/32" Slot
- No. T 3/64" × 3/8" Slot (0.0469")
- No. U 4-1/2/64" Round (0.0703")
- No. V .035" × 15/32" Slot
- No. W 5/64" Round (0.0781")
- No. X 5-1/2/64" Round (0.0859")
- No. Y 6/64" Round (0.0938")
- No. Z 6-1/2/64" Round (0.1016")
- No. E Solid bottom pan (for use with all sieves)

SPECIAL PERFORATION SIEVES

These are sieves with steel perforated material spun into standard aluminum sides. We have listed some of the more popular sizes. Call us with your specifications.

- | | |
|-------------------------|----------------------------------|
| No. 0015 - 1/15" Round | No. 0077 - 23/64" Round |
| No. 0025 - 4/64" Round | No. 0080 - 24/64" Round |
| No. 0035 - 7/64" Round | No. 0090 - 26/64" Round |
| No. 0043 - 13/64" Round | No. 0092 - 32/64" Round |
| No. 0045 - 14/64" Round | No. 0095 - 28/64" Round |
| No. 0050 - 15/64" Round | No. 0097 - 7/64" × 3/4" Slot |
| No. 0055 - 16/64" Round | No. 0099 - 6-1/2/64" × 3/4" Slot |
| No. 0060 - 17/64" Round | No. 0100 - 8/64" × 3/4" Slot |
| No. 0065 - 18/64" Round | No. 0105 - 9/64" × 3/4" Slot |
| No. 0070 - 20/64" Round | No. 0110 - 11/64" × 3/4" Slot |
| No. 0075 - 22/64" Round | No. 0115 - 12/64" × 3/4" Slot |

SIEVE SETS

- CORN**
- No. 1 Set: Set of 2 sieves (A and Y) and E bottom pan
- WHEAT, RYE AND OATS**
- No. 2D Set: Set of 5 sieves (A,B,C,D,W) and E bottom pan
- No. 2F Set: Set of 5 sieves (A,B,C,F,W) and E bottom pan
- SOYBEAN**
- No. 3 Set: Set of two sieves (H and I) and E bottom pan
- COTTON SEED**
- No. 4 Set: No. A sieve and E bottom pan
- BARLEY**
- No. 5L Set: Set of 2 sieves (B and L) and E bottom pan
- No. 5M Set: Set of 2 sieves (B and M) and E bottom pan
- FLAX**
- No. 6 Set: Set of 2 sieves (T and U) and E bottom pan
- CANOLA**
- No. 7 Set: Set of 5 sieves (R,S,T,V,Y) and E bottom pan
- RICE**
- No. 8 Set: Set of 3 sieves (X,Y,Z) and E bottom pan
- SORGHUM**
- No. 9 Set: Set of 2 sieves (K and B) and E bottom pan
- WEEVIL**
- No. 10 Set: No. C sieve and E bottom pan
- SUNFLOWER SEED (CONFECTIONERY)**
- No. 11 Set: Set of 3 sieves (A,B,J) and E bottom pan

All of the above dockage sieves are recommended for use with the Strand Sizer Shaker.

U.S. Series Test Sieves are available and conform to specifications set forth by the ASTM. Our standard sieve is 8" diameter with a 2" depth. Choice of frame / wire cloth combination: brass/brass (standard), brass/stainless, or stainless/



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95

HEAVY-DUTY BOERNER DIVIDER

A required piece of equipment for obtaining a truly representative sample. It is standard equipment in all federal, state and local grain inspection offices. This divider is made to meet USDA-FGIS specifications for official inspections.

To operate this device, a sample of grain is placed in the hopper and then released down a cone which is directly under the center of the opening. Around the base of the cone are 38 openings or pockets. The grain falling down the sides of the cone is cut into 38 separate streams, rejoining into two streams which empty into the pans. The divider is calibrated to provide accuracy of 1% between pans on a 1000g sample.

The Seedburo Boerner divider is constructed of brass and copper only, eliminating any possibility of rust. The entire bottom section is removable to facilitate cleaning if necessary. Legs and supports are brass plated steel. Dimensions: 31" high, shipping wt 35 lbs.

- No. 34 Boerner divider complete with two pans
- No. 34L Divider less pans
- No. 34P Extra pans each

CARGO TYPE DIVIDER

The Cargo Type divider is a high capacity splitter which is made to meet USDA-FGIS specifications for official inspections. Used on boats, barges, and other places where portable equipment is required. The divider is also widely used to reduce the size of samples obtained with automatic samplers.

This unit is equipped with long sturdy legs which permit the use of large buckets under the two spouts to catch the divided portions. The divider is ruggedly constructed of brass and has 20 pockets for dividing the grain. Dimensions: 33" high, shipping wt 26 lbs.

- No 292 Cargo type divider

MODIFIED MULTIPLE DIVIDER

Used with Automatic Samplers and also on boats to reduce samples taken with Pelican Sampler.

The multiple divider consists of 4 sections, the bottom 3 sections each have openings for 16 streams of grain. As the grain passes through the top section and subsequent sections, it is properly divided by passing over a cone. Shipping wt 59 lbs.

- No. 291 Modified Divider

EXTENSION ACCESSORY

The Boerner divider can be converted to a large capacity unit with a top hopper and leg extensions. The hopper is spun copper and the leg extensions are plated steel. Larger containers for sample collection can be used. Hopper capacity is approximately five gallons. Increases divider height to 42". Shipping wt 14 lbs.

- No. 34E Boerner extensions accessory

DUST FILTER UNIT

The Dust Filter Unit is designed to remove airborne dust caused by the Boerner divider. It consists of two components: the main filter unit and the dust hood.

The main filter unit mounts under an existing table or counter. The dust hood, located behind the two Boerner pans, removes the dust as it "boils out" while a grain sample is being divided. Easily installed within minutes and the fan operates so quietly that you hardly know it is working. This device is made to meet USDA-FGIS specifications for official inspections. Dimensions: 13" x 13" x 18". Shipping wt: 45 lbs.

- No. 34D Dust filter unit (for mounting on existing customer provided table)
- No. 34DT Dust filter unit (mounted on free standing table) ..
- No. 34RF Replacement filters (Box of 6)

SOUND ABATEMENT KIT

The Seedburo Sound Abatement Kit reduces abusive, often unhealthy noise levels by as much as 80% when properly applied to the "noise areas" of the Boerner divider.

This reduction is accomplished by utilizing a clear plastic hood and die-cuts of a heavy gauge aluminum foil alloy sound dampening material.

The foil has a self-adhesive back that allows for attachment directly to the No. 34 divider and is made to meet USDA-FGIS specifications for official inspection.

- No. 34S Sound abatement kit



No. 34 Divider



No. 291 Divider



No. 292 Cargo



No. 34 shown with
No. 34E Attached

Moisture Meter

MOTOMCO 919 ES

Designed for the determination of moisture in cereal crops and a wide variety of other products, the 919 ES Flowthrough Moisture Meter is fully automatic. It performs quick and accurate moisture measurements without any interaction from the operator.

- NTEP Approved
- Fully Automatic
- Determines correct sample size & temperature prior to displaying moisture content
- Simple and Easy to Use
- Fast and Accurate Temperature Probe
- No external scale or thermometer required
- Can connect to a printer or PC.
- Internal Calibration for up to 250 different types of grain



STEINLITE SL 95

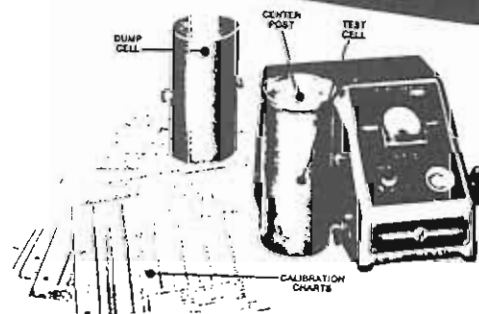
Steinlite SL95 moisture tester provides fast and accurate results in

- NTEP Approved
- Fully automatic including automatic test weight
- Produces readings in 10 seconds
- Two RS232 type serial ports for connecting to computers and printers
- LDC display and LED moisture readout
- Sequential sample numbering
- 30 Character comment line
- Flow through design for fast sampling
- Personalized printout
- Up to 63 calibrations of your choice may be loaded
- Customized calibrations available



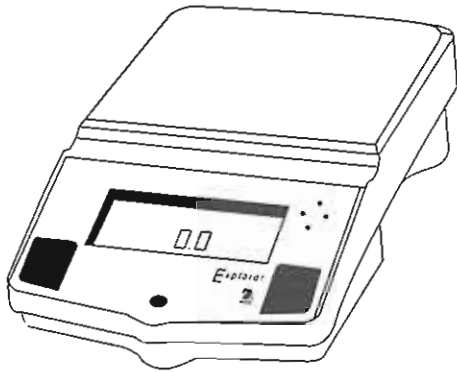
MOTOMCO 919

The 919 is available with an interface to connect directly to the SB3806 calculator. Standard set of grain charts included with the meter are barley, corn, flax, sorghum, oats, rye, soybeans, durum and hard red, soft white, hard red spring, eastern white and soft red wheats. Moisture range 6 - 40% depending on grain.



Grain Grading Scales

Ohaus Explorer Grain Grading Scales



- Rugged enough for everyday use
- LCD Display with 7 alphanumeric characters
- Easy to navigate menu
- Stability levels filter out vibration
- Auto-Calibration
- Read in grams, pounds and ounces
- Menu & Calibration Lock-out switch
- RS232 Bi-directional interface
- 5 Year Warranty
- NTEP Approved
- GIPSA Listed



Capacity (g)	4100	4100
oz avd		144
olb avd		9
Readability (g)		0.1
Readability (Test weight)		0.01 lbs./bu.
Readability (Dockage)	0.1%	N/A
oz avd		0.005
olb avd		0.0005
Weighing modes	g, kg, lbs, oz, lb/bu (2 units), kg/HL (2 units), ozt, dwt, taels (3), mommies, gn, ti, N, custom unit	g, kg, lbs, oz, lb/bu, ozt, dwt, taels (3), mommies, gn, ti, N, custom unit
Functions	Test weight, Dockage, Parts counting, Animal weighing, Percent	Test weight, Parts counting, Animal weighing, Percent
Options	GLP, auto-tare, time, date, lockswitch, LFT (U.S.)/type approved	
Repeatability (Std. dev.) (g)		0.05
Linearity (g) (±)		0.1
Tare range	Full capacity by subtraction	
Stabilization time	≤3 seconds	
Pan size (in/cm)	8 x 8/20.3 x 20.3	
Explorer Item No.		
w/o internal calibration	ECD112 ¹	EGD112 ¹ *

8800A Computer Dual Range Grain Scale provides you with foreign material percentage, test weights in pounds per bushel and gram to pound conversion all by merely pressing a button. All models are adaptable to printers or computers. Includes triangular sample pan.



Capacity 8800A	0-500g × 0.2g, 2000g × 0.5g
Capacity 8000	2000g × 0.1g
Test weight & FM %	0.01
Dimensions	10"W × 12"L × 5"H
Shipping weight	16 lbs.
Electrical	115V 50/60 Hz.

SCALES

Ohaus Navigator Portable Scale

- Portable and Versatile
- Intuitive keypad layout and display
- RS232 Interface
- Weigh below
- Auto Shut-off
- Multiple weighing units and functions
- AC or alkaline battery operation

Available Models

(with and without auto calibration)

NV32	32 g x 0.002 g		
NV2100	2100 g x 0.1 g		
NV210	210 g x 0.01 g	NV4100	4100 g x 0.1 g
NV410	410 g x 0.01 g	NV8100	8100 g x 0.5 g
NV810	810 g x 0.1 g		



TRIPLE BEAM

Whether you're weighing solids, liquids, powders or even animals, an Ohaus Triple Beam balance is well-equipped to handle the job.

The 700/800 Series provides the convenience of a toploading balance with the durability and versatility to accommodate a range of lab applications. Some models have a tare beam to allow containers up to 225g to be balanced out, and a variety of weighing platforms are also available.

- Three notched and tiered beams with center reading
- Four weighing platforms to choose from
- Spring loaded zero adjust compensator

Optional Accessories

Scoops, dust cover, metric attachment weight set, avoirdupois attachment weight set.



SCOUT™

Scout's durable construction and simple, two-button operation make it a favorite of classrooms and laboratories alike. And with features like a high-contrast display, large stainless steel weighing surface and auto shut-off, it's no wonder that the ergonomically-designed Scout is the market leader.

- Affordable, superior performance from the market leader
- Large, high-contrast LCD display
- Large weighing pan and simple, two-button operation
- Multiple weighing units and parts counting
- Battery operation or AC adaptor operation
- Easy span and linearity calibration
- Integral security bracket
- Weigh below hook

Optional Accessories: Security device, calibration masses, scoops

Scout™			
Capacity (g)	200	400	600
Readability (g)	0.01	0.1	0.1
Weighing modes	g, oz, oz t, dwt, parts counting		
Repeatability (Std. Dev.) (g)	0.01	0.1	0.1
Linearity (g)	±0.01	±0.1	±0.1
Operating temperature	50° to 104° F/10° to 40° C		
Power requirements	9V battery or 100, 120, 220, 240, V ac, 50/60 Hz		
Calibration	External digital calibration		
Display (in/cm)	LCD (0.7/1.8 high)		
Platform size (in/cm)	4/10.2 diameter	5 x 5.75/12.7 x 14.6	
Dimensions W x H x D (in/cm)	6.75 x 2.4 x 8.25/17.1 x 6.1 x 21		
Item #	SC2020	SC4010	SC6010



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QUART SAMPLE BOTTLE

The No. 630 Quart Sample Bottle is made of durable polyethylene and meets the specifications of the USDA/FGIS for official inspection. The dimensions of the bottle are: 3 $\frac{3}{4}$ " L \times 3 $\frac{3}{4}$ " W \times 7" H, with a neck opening of 1 $\frac{3}{4}$ " inside diameter.

Each bottle is furnished with an enameled plastic cap which has a gasket insert that provides an air-tight seal. A No. 10 Rubber Stopper can be inserted in the neck opening to allow a glass thermometer to be put into the sample.

No. 630 Quart Sample Bottle



630



635

PINT SAMPLE BOTTLE

The No. 635 Pint Sample Bottle is also constructed of durable polyethylene. Each bottle is furnished with an enameled plastic cap, or a No. 10 Rubber Stopper may be purchased separately to accommodate a glass thermometer. Dimensions are as follows: 2 $\frac{3}{4}$ " Diameter \times 6" H. The neck opening is 1 $\frac{3}{4}$ " inside diameter.

No. 635 Pint Sample Bottle

No. 10 Rubber Stopper (for No. 630 or 635)

HALF GALLON CONTAINER

The No. 5095 Half Gallon Container is made of durable polyethylene. This container is a popular file container used in inspection offices and laboratories. Records can be kept along with the sample. Dimensions: 5" L \times 5" W \times 6 $\frac{3}{4}$ " H.

No. 5095 Half Gallon Container



5095



640

GALLON CONTAINER

The No. 640 Gallon Container is made of high density polyethylene and comes complete with plastic cap. Dimensions: 6" Diameter \times 12" H, with a neck opening of 3 $\frac{1}{2}$ " inside diameter.

No. 640 Gallon Container

TRIANGULAR SAMPLE PANS

The No. 64 Sample Pan is made of tin and has an enameled, dark blue color. This is a Government Standard pan. Dimensions: 10" \times 10" \times 2 $\frac{1}{2}$ ".

No. 64 Triangular Tin Sample Pan

The No. 64P is the plastic version of Seedburo's No. 64 Sample Pan. The durable plastic is white and static proof. Dimensions: 10" \times 10" \times 2 $\frac{1}{2}$ ".

No. 64P Triangular Plastic Sample Pan



64P



64

SPOUTED SAMPLE PANS

These pans are made of aluminum and are ideal for controlled pouring of samples.



33

31

7

No. 33 1 $\frac{1}{2}$ Quart Pan, 8 $\frac{1}{2}$ " \times 12" \times 1 $\frac{1}{2}$ "

No. 31 3 Quart Pan, 12" \times 16" \times 2"

No. 7 Mini-Tin, 5" \times 6" \times $\frac{7}{16}$ "

ROUND SAMPLE PANS

These pans are made of tin and are available in the following capacities.

No. 44-2 Round Pan, 2 qt liquid (1.7 qt dry), 8" \times 2 $\frac{3}{4}$ "

No. 44-4 Round Pan, 4 qt liquid (3.4 qt dry), 9 $\frac{1}{4}$ " \times 2 $\frac{7}{8}$ "

No. 44-6 Round Pan, 6 qt liquid (5.1 qt dry), 11 $\frac{1}{2}$ " \times 3 $\frac{3}{4}$ "

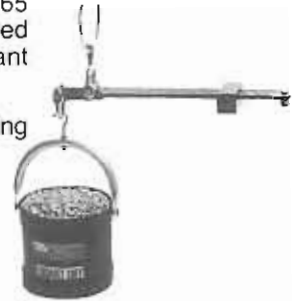


HAND TYPE WEIGHT PER BUSHEL TESTER

The Seedburo hand type grain tester is made to give rapid readings of weight per bushel up to 65 lbs/ bu, percentage of loss in cleaning and direct weight of sample. Equipped with sliding beveled poise and heavy gauge, dent-proof bucket. The scale is built to withstand rough usage with constant accuracy.

To assure accuracy in weight per bushel tests, the bucket should be filled using one of the filling hoppers shown below. Shipping wt 4 lbs.

- No. 26 One quart weight per bushel tester
- No. 26M One liter bucket and beam graduated in kilos per hectoliter
- No. 37F Weight per cubic foot tester

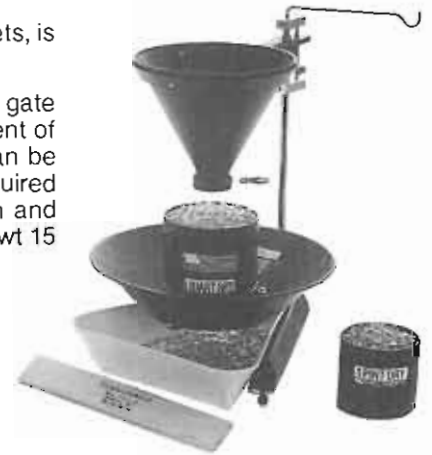


FILLING HOPPER AND STAND

This filling hopper, designed for the accurate filling of 1 pint and 1 quart cups or buckets, is made to meet the specifications of USDA-FGIS for official inspection

The Seedburo filling hopper is made of a heavy gauge metal spinning with a sliding gate valve for instant release of grain. The opening is a standard 1 1/4" diameter. Adjustment of the hopper to the proper 2" height above either the pint or quart cup or bucket can be made by unlocking the thumb screw and sliding the entire hopper assembly to the required height. The heavy cast base has wide spread legs that allow for the overflow pan and provide stability. The hopper includes the triangular sample pan No. 64P. Shipping wt 15 lbs.

- No. 151 Seedburo Filling Hopper (without cup)
- No. 104 Pint cup
- No. 204 Quart cup
- No. 203 Liter cup
- No. 103 Half liter cup



ANCHOR GRAIN TESTING HOPPER

Here is an accepted method of filling buckets or cups for weight per bushel tests. Hopper and cut off valve are made of solid brass, with correct 1 1/4" opening for grain stream. The main post centers the hopper over bucket. The thumb screw provides ready adjustment to proper 2" height. A hanger device allows the weight per bushel tester to be swung to one side and lets the operator use both hands to move the poise for weight per bushel determination. Easily fastened to table for permanent use. Shipping wt 4 lbs.

- No. 42 Hopper and Stand



COX FUNNEL

This funnel provides for a uniform fall of the grain into the quart or pint cup or bucket at the proper 2" height to obtain standard weight per bushel. The funnel is placed on the bucket or cup, then filled with grain. The grain is allowed to overflow the cup by removing the slide at the bottom. Made of heavy non-corrosive metal. Shipping wt 2 lbs.

- No. 29 Cox Funnel

STRIKE OFF STICK

A special hardwood strike-off stick should be used in leveling off grain on all testing buckets. Furnished at no charge with orders for weight per bushel testers. Made to meet the specifications of USDA-FGIS for official inspection.

- No. 65 Strike off stick





DIGITAL THERMOMETER

The Seedbuco TC100A is operated by simply turning the unit on and placing the temperature sensing probe tip into the grain sample. The unit operates on a rechargeable Nicad battery which remains charged

for a minimum of 2 hours continuous use. The TC100A cannot be used while on recharge. The unit can also run on a standard 9V battery.

The temperature range is from -40° to 300°F and -40° to 150°C and is accurate to + or -0.2 degrees. Size 7" L × 1" D × 3" W, shipping wt 2 lbs.

No. TC100A Thermometer with 110V recharger
 No. K22 Transformer for 220V operation of recharger.



POCKET DIAL THERMOMETER

Constructed of corrosion resistant stainless steel with 1" dial and 5" stem with recalibrator. Plastic case and clip.

- No. 500R 0/220°F
- No. 500R1 40/160°F
- No. 500R2 25/125°F
- No. 500R3 50/500°F
- No. 500R4 0/150°C
- No. 500R5 0/250°C

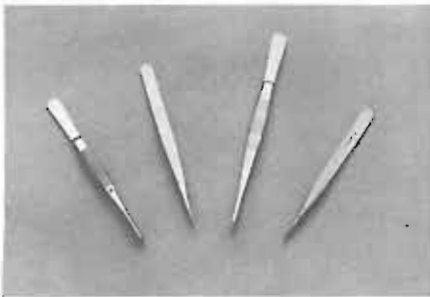


GLASS POCKET THERMOMETER

- No. 212 0/120°F 1° Divisions 6½" Long
- No. 212H 0/220°F 2° Divisions 6½" Long
- No. 212D -10/110°C and 0-220°F 1° Divisions 6½" Long

FORCEPS

In analyzing grain or seed, the use of these forceps will be a great time saver. Medium serrated points are recommended for large seed. Fine smooth points for smaller, more delicate seed.



Model	Length	Points	Metal
No. 659	5"	Blunt	Nickel Plated
No. 661	5¼"	Med. Sharp	Nickel Plated
No. 663	4¾"	Sharp	Stainless Steel
No. 662	6"	Blunt	Nickel Plated

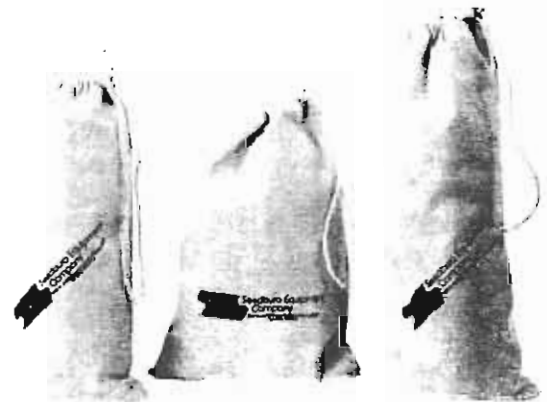
CANVAS GRAIN SAMPLE BAGS

These government standard sample bags are made to comply with the U.S.D.A. specifications. The heavy canvas material has a mildew proofing agent to retard deterioration and is treated with a water resistant agent. All bags have a double-stitched draw-string. Private labeling is available.

- No. 155 8"W × 16"H
- No. 156 8½"W × 19"H
- No. 157 10½"W × 16½"H

Non-Government Approved special bag with single-stitched draw-string. (not shown)

- No. 152 8½"W × 18¼"H



No. 155

No. 157

No. 156

POLYETHYLENE GRAIN SAMPLE BAGS

These plastic bags are tough and transparent and will not become brittle. They are also heat sealable, odorless, and non-toxic. These "poly" bags can be used separately or as liners for the canvas grain sample bags.

- No. 620 8"W × 26"H × .003 W/Pockets
- No. 621 6"W × 13"H × .006
- No. 622 8½"W × 18"H × .003
- No. 623 Roll of polyethylene tubing (available in various widths and ml thickness)
- No. 624 Plastic Ties, (pkg. of 1000)
- No. 626 Panduit ties, (pkg. of 1000)
- No. 627 Panduit Hand Tool

Bin Measuring Tools

~~ROUND ALUMINUM HOUSING AND CLOTH REFILLS~~

~~Discontinued~~

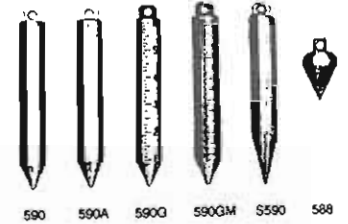
- 1407H Aluminum Housing (Lufkin housing style)
- 01407 150' x 5/8" Woven Cloth Tape, Ft/ Inches
- 0406 100' x 5/8" Woven Cloth Tape, Ft/ Inches
- 0406D 100' x 5/8" Woven Cloth Tape, Ft/ Tenths

FIBERGLASS UNITS

<u>Feet/Inches w/ Housing</u>	<u>Length</u>	<u>Refill #</u>
845144 (Sokkia)	100 ft	845164
845145 (Sokkia)	165 ft	845165
845146 (Sokkia)	200 ft	845166
1706 (Lufkin)	100 ft	01706
1707 (Lufkin)	150 ft	01707
<u>Feet/Tenths w/ Housing</u>	<u>Length</u>	<u>Refill #</u>
845244 (Sokkia)	100 ft	845264
845245 (Sokkia)	165 ft	845265
1706D (Lufkin)	100 ft	01706D
1707D (Lufkin)	150 ft	01707D

Note: Fiberglass and cloth refills are not interchangeable.

Brass Non-Sparking Plumb Bobs

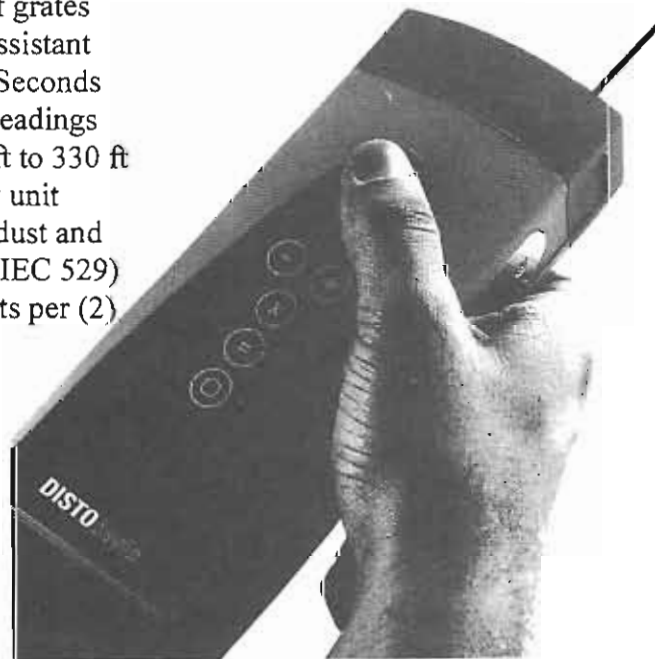


Sample Cup and Weight

- LW10 10 oz bullet-shaped lead weight
- 6407 4" Long Copper Sample Cup

Laser-Sight Hand Held Measurement

- Saves Time and Money
- Lightweight and Easy to Hold
- Optional Base available to hold unit on top of grates
- No Need for an Assistant
- Measurements in Seconds
- Saves the last 20 readings
- Measures from 1 ft to 330 ft without secondary unit
- Protected against dust and Rainproof (IP 54; IEC 529)
- 3000 measurements per (2) AAA batteries



	typical max	± 3 mm ± 5 mm
	mm	1
	mm	0.3 m to over 100 m** (12' to over 330')
	dist trc	0.5 to approx. 4 sec 0.16 to approx. 1 sec
	visible	Laser class 2 in accordance with IEC825-1 and EN60825-1 (635 nm)

	Outdoor measurement (mount for viewfinder)	•
	Large two line display	•
	Illumination (fluorescent display)	•
	Measure from corners	•
	Fnc1 Constant (e.g. height)	•
	Fnc2 Continuous measurement, max. (room diagonals)	•
	Fnc3 Continuous measurement, min. (distance between buildings)	•
	Fnc4 Height, width (pythagoras) (2, 3 measurements)	•
	dly Time delay release	•
	Recall last 20 values	•

PORTABLE BULK SCALE

KC Supply's portable bulk scales are versatile. These units handle a wide variety of industrial and feed mill weighing and transferring operations. They give you fast, accurate, on-the-spot weight. Approx. shipping weight of 400 lbs. Capacity of 1000 lbs. Also available with NTEP

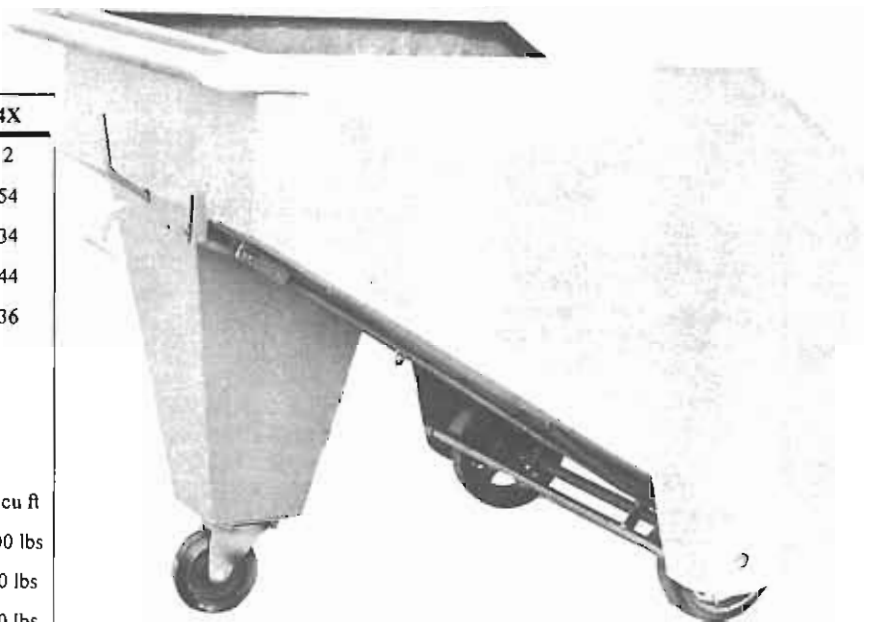


DIMENSION	Inches
Floor Clearance	1 3/4
Height - Floor to Top of Beam	51 1/2
Height of Hopper	41 1/2
Height of Hopper Front	30 3/4
Length of Hopper	48
Width of Hopper and Unit	31
Front Wheels	10 x 2 1/2
Caster Wheels	6 x 2
APPROXIMATE CAPACITY	
Volume	18 cubic feet
Shelled Corn	800 lbs
Pulverized Oats	500 lbs
Average Material	630 lbs

BULK TRI-BUGGY

KC Supply's bulk tri-buggy is designed to provide a better, faster and easier way to speed up the handling of bulk grains, feeds & seeds. The KC Supply bulk tri-buggy will provide you with a well balanced unit and can be used with your present scale. Sturdy construction will give you years of service. Positive wheels brakes. Dump gates mounted in bottom panel at the center. Two molded-on rubber wheels and one swivel caster is standard. Four sizes available.

DIMENSIONS	1R	2K	3C	4X
Floor Clearance	1 1/2	1 1/2	1 1/2	2
Length of Hopper	36	36	46	54
Width	24	30	32	34
Height	38	38	38	44
Height in Front	32	32	32	36
Front Wheels	10 x 2 1/2	For All	Models	
Caster Wheel	6 x 2	For All	Models	
APPROXIMATE CAPACITY				
Volume	12 cu ft	15 cu ft	19 cu ft	24 cu ft
Shelled Corn	475 lbs	675 lbs	875 lbs	1200 lbs
Pulverized Oats	300 lbs	425 lbs	550 lbs	750 lbs
Average Materials	380 lbs	550 lbs	700 lbs	960 lbs
Shipping Weight	180 lbs	200 lbs	240 lbs	280 lbs



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