



## Model 51A Rotary Grain Cleaner Suggested List Prices

### Main Unit with Screens, without Electrical Junction Box Assembly

Outside Fines Screens	Inside Transh Screen	Cleaner without Electrical Junction Box	List Price	Weight	
				lb	kg
GC-D100	GC-C16	025382	\$10,823	1,560	708
GC-D100	GC-C4	025391	\$10,823	1,560	708
GC-D64	GC-C16	025348	\$10,677	1,560	708
GC-D64	GC-C9	025377	\$10,677	1,560	708
GC-D64	GC-C4	025379	\$10,677	1,560	708
GC-D36	GC-C9	025380	\$10,677	1,560	708
GC-D36	GC-C4	025381	\$10,677	1,560	708
GC-D25	GC-C4	025383	\$10,677	1,560	708
GC-D16	GC-C2.5	025008**	\$10,677	1,560	708

#### Includes

- Welded One-Piece Main Frame
- Axle Unit with Supports
- 15" (38.1cm) Wheels and Tapered Roller Bearing Hubs
- Complete Shielding
- Drum Unit
- Tongue Jack - For leveling
- Rear Discharge Chute
- Trash Hopper with Horizontal Auger and  
4" x 14' (4"x4.267m) Folding Fines Removal Auger  
8" x 11' (8"x3.353m) Fill Auger with Flow Control
- Tires (Recapped)
- Assembly
- Screens (Inside and Outside)

\*\*Most Common Corn Model

#### Not Included

- (2) 2 hp (1.49 kW) 182T or 145T Frame Motors (1800 RPM). (See Motor Prices.)
- 2.8" (7.112cm) OD "A" Section Cast Iron Motor Pulley (single-groove). (See Motor Pulley Prices.)
- 4.0" (10.16cm) OD "B" Section Cast Iron Motor Pulley (single-groove) for Fill Auger. (See Motor Pulley Prices.)

**NOTE:** Grain Cleaners are stocked without the Electrical Junction Box Assembly. Order the Junction Box separately using the information below.

### Electrical Junction Box with Switches

Description	Part Number	List Price	Weight	
			lb	kg
Single-Phase	025322	\$668	10	5
Three-Phase	025288	\$1,007	10	5

#### Includes

- Switches for Drum Motor and Fill Auger
- Receptacle for Fill Auger Plug
- Male Plug for Fill Auger
- Motor Cord for Drum Motor

#### Not Included

- Fuses or Fuse Blocks for Motor Protection
- Electrical Cord for Fill Auger Motor

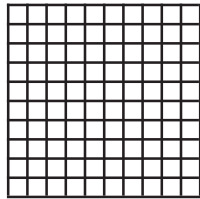
Manufactured by



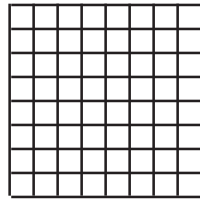
Division of GLOBAL Industries, Inc.  
9364 North 45th Street  
Omaha, Nebraska 68112



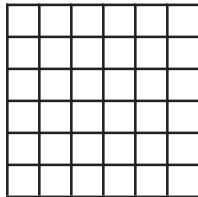
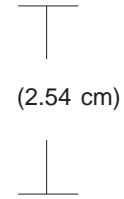
### Drum Fines Screen\* openings per Square Inch (per 2.54cm<sup>2</sup>)



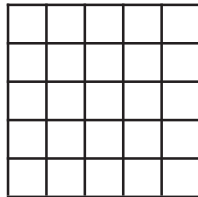
**GC-D100**  
100 Openings  
per Square Inch  
(10 x 10).  
Part Number:  
025302  
\$426



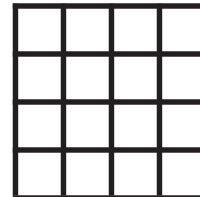
**GC-D64**  
64 Openings  
per Square Inch  
(8 x 8).  
Part Number:  
025301  
\$320



**GC-D36**  
36 Openings  
per Square Inch  
(6 x 6).  
Part Number:  
025300  
\$360

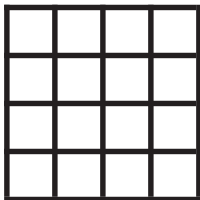


**GC-D25**  
25 Openings  
per Square Inch  
(5 x 5).  
Part Number:  
025299  
\$305

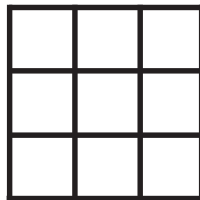


**GC-D16**  
16 Openings  
per Square Inch  
(4 x 4).  
Part Number:  
025297  
\$183

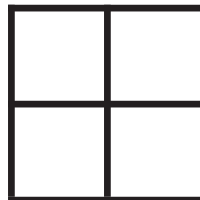
### Cone Trash Screen\*



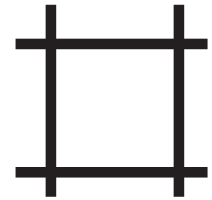
**GC-C16**  
16 Openings  
per Square Inch  
(4 x 4).  
Part Number:  
025295  
\$126



**GC-C9**  
9 Openings  
per Square Inch  
(3 x 3).  
Part Number:  
025294  
\$188



**GC-C4**  
4 Openings  
per Square Inch  
(2 x 2).  
Part Number:  
025292  
\$157



**GC-C2.5**  
2½ Openings  
per Square Inch  
(1.5 x 1.5).  
Part Number:  
025291  
\$392



## Screen Combinations for the NECO 51A Rotary Grain Cleaner\*

Grain Type	Relative Grain Size	Outside Drum		Inside Cone	
		Screen Code	Part Number	Screen Code	Part Number
Corn	Regular	GC-D16	025297	GC-C2.5	025291
Popcorn	Small	GC-D64	025301	GC-C16	025295
	Regular	GC-D36	025300	GC-C9	025294
	Large	GC-D25	025299	GC-C4	025292
Milo	Small	GC-D100	025302	GC-C16	025295
	Regular	GC-D64	025301	GC-C9	025294
	Large	GC-D64	025301	GC-C4	025292
Wheat, Oats, or Barley	Small	GC-D100	025302	GC-C16	025295
	Regular	GC-D64	025301	GC-C9	025294
	Large	GC-D64	025301	GC-C4	025292
Soybeans	Small	GC-D36	025300	GC-C9	025294
	Large	GC-D25	025299	GC-C4	025292
	Small	GC-D100	025302	GC-C16	025295
Sunflowers	Regular	GC-D64	025301	GC-C9	025294
	Large	GC-D25	025299	GC-C4	025292

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Conversion Table				
<b>Length Conversion</b> ' = foot or feet " = inch or inches  ¼" = 0.635 cm ½" = 1.27 cm ¾" = 1.905 cm 1" = 2.54 cm 1¼" = 3.175 cm 1½" = 3.81 cm 1¾" = 4.445 cm 2" = 5.08 cm 3" = 7.62 cm 3.2" = 8.128 cm 4" = 10.16 cm 5" = 12.7 cm 6" = 15.24 cm 7" = 17.78 cm 7½" = 19.05 cm 8" = 20.32 cm 9" = 22.86 cm  10" = 25.40 cm 11" = 27.94 cm 12" = 30.48 cm 13" = 33.02 cm 14" = 35.56 cm 15" = 38.10 cm 16" = 40.64 cm 18" = 45.72 cm 18.4" = 46.74 cm  20" = 50.8 cm 22" = 55.88 cm 24" = 60.96 cm 27" = 68.58 cm 28" = 71.12 cm 30" = 76.2 cm 30½" = 77.47 cm 32" = 81.28 cm 33" = 83.82 cm 36" = 91.44 cm 43" = 109.2 cm 52" = 132.1 cm 63" = 160 cm	1' = 0.3048 meters 2' = 0.6096 meters 3' = 0.9144 meters 4' = 1.219 meters 4'8" = 1.422 meters 5' = 1.524 meters 6' = 1.829 meters 7' = 2.134 meters 7'6" = 2.286 meters 8' = 2.438 meters 9' = 2.743 meters  10' = 3.048 meters 11' = 3.353 meters 12' = 3.658 meters 13' = 3.962 meters 14' = 4.267 meters 15' = 4.572 meters 16' = 4.877 meters 17' = 5.182 meters 18' = 5.486 meters 19' = 5.791 meters  20' = 6.096 meters 21' = 6.401 meters 22' = 6.706 meters 23' = 7.01 meters 24' = 7.315 meters 25' = 7.62 meters 26' = 7.925 meters 27' = 8.23 meters 28' = 8.534 meters 29' = 8.839 meters  30' = 9.144 meters 31' = 9.449 meters 32' = 9.754 meters 33' = 10.06 meters 34' = 10.36 meters 35' = 10.67 meters 36' = 10.97 meters 37' = 11.28 meters 38' = 11.58 meters 39' = 11.89 meters	40' = 12.19 meters 41' = 12.5 meters 42' = 12.8 meters 43' = 13.11 meters 44' = 13.41 meters 45' = 13.72 meters 46' = 14.02 meters 47' = 14.33 meters 48' = 14.63 meters 49' = 14.94 meters  50' = 15.24 meters 51' = 15.54 meters 52' = 15.85 meters 53' = 16.15 meters 54' = 16.46 meters 55' = 16.76 meters 56' = 17.07 meters 57' = 17.37 meters 58' = 17.68 meters 59' = 17.98 meters  60' = 18.29 meters 61' = 18.59 meters 62' = 18.9 meters 63' = 19.2 meters 64' = 19.51 meters 65' = 19.81 meters 66' = 20.12 meters 67' = 20.42 meters 68' = 20.73 meters 69' = 21.03 meters  70' = 21.34 meters 71' = 21.64 meters 72' = 21.95 meters 73' = 22.25 meters 74' = 22.56 meters 75' = 22.86 meters 76' = 23.16 meters 77' = 23.47 meters 78' = 23.77 meters 79' = 24.08 meters	80' = 24.38 meters 81' = 24.69 meters 82' = 24.99 meters 83' = 25.3 meters 84' = 25.6 meters 85' = 25.91 meters 86' = 26.21 meters 87' = 26.52 meters 88' = 26.82 meters 89' = 27.13 meters  90' = 27.43 meters 91' = 27.74 meters 92' = 28.04 meters 93' = 28.25 meters 94' = 28.65 meters 95' = 28.96 meters 96' = 29.26 meters 97' = 29.57 meters 98' = 29.87 meters 99' = 30.18 meters 100' = 30.48 meters  101' = 30.78 meters 102' = 31.09 meters 103' = 31.39 meters 104' = 31.7 meters 105' = 32 meters 106' = 32.31 meters 107' = 32.61 meters 108' = 32.92 meters 109' = 33.22 meters 110' = 33.53 meters  111' = 33.83 meters 112' = 34.14 meters 113' = 34.44 meters 114' = 34.75 meters 115' = 35.05 meters 116' = 35.36 meters 117' = 35.66 meters 118' = 35.97 meters 119' = 36.27 meters	120' = 36.58 meters 121' = 36.88 meters 122' = 37.19 meters 123' = 37.49 meters 124' = 37.8 meters 125' = 38.1 meters 126' = 38.4 meters 127' = 38.71 meters 128' = 39.01 meters 129' = 39.32 meters

Conversion Factors			
<b>Abbreviations</b>  ' = foot or feet " = inch or inches  lb = pound kg = kilogram  cm = centimeter m = meter  hp = horsepower kW = kilowatt hz = hertz	<b>Distance and Length</b>  centimeter x 0.394 = inches centimeter x 0.03281 = feet meter x 3.281 = feet  inches x 2.540 = centimeters feet x 30.48 = centimeters feet x 0.3049 = meters	<b>Weight and Mass</b>  pounds x 0.454 = kilogram  kilogram x 2.205 = pounds	<b>Power</b>  horsepower x 0.746 = kilowatts  kilowatts x 1.34 = horsepower