



Stir-Rite III

Stirring Machine List Prices*

Basic Unit includes

- Main Support Beam
- Track with Brackets
- 14-Ring Rotating Contact
- Fill Hatch Hanger Brackets
- Trolley(s) for Stirring Auger(s) with Drive Cable
- 1½ kW Stirring Auger Motor(s) with Wiring (IP-56 Rating)
- Gear Motor Drive (IP-56 Rating)

Not included

- Stirring Auger(s)
- Wire to bring power to the center of the silo
- Disconnect Switch

Bin Diameter		Two Trolley 1½ kW 380V 50Hz 3PH			Three Trolley 1½ kW 380V 50Hz 3PH			Four Trolley 1½ kW 380V 50Hz 3PH		
Feet	Meters	Part Number	List Price	Weight kg	Part Number	List Price	Weight kg	Part Number	List Price	Weight kg
24'	7.315	039704-4		492	039712-4		582	039720-4		664
27'	8.23	039705-4		513	039713-4		609	039721-4		691
30'	9.144	039706-4		539	039714-4		636	039722-4		718
33'	10.06	039707-4		562	039715-4		663	039723-4		744
36'	10.97	039708-4		598	039716-4		690	039724-4		771
40'	12.19	039709-4		625	039717-4		716	039725-4		798
42'	12.8	039710-4		652	039718-4		743	039726-4		825
48'	14.63	039711-4		692	039719-4		770	039727-4		851

*Above prices DO NOT include stirring augers! To order the stirring augers, determine length required from chart below and order required augers from the chart on the following page.

*STIR-RITE will fit bins up to 0.3 meters (1 foot) larger or 0.15 meters (6 inches) smaller than nominal diameter shown. All stirring augers feature graduated pitch. Hard-surfaced augers are hardened on the lifting face. Order one auger for each trolley. Augers are available in following six lengths.
•4.88 M [16'0"] stirring auger - fits bins up to 5.23 M [17'2"] eave height with 0.3 M [12"] floor supports
•5.33 M [17'6"] stirring auger - fits bins up to 5.69 M [18'8"] eave height with 0.3 M [12"] floor supports
•6.10 M [20'0"] stirring auger - fits bins up to 6.48 M [21'3"] eave height with 0.3 M [12"] floor supports
•6.40 M [21'0"] stirring auger - fits bins up to 6.78 M [22'3"] eave height with 0.3 M [12"] floor supports
•6.71 M [22'0"] stirring auger - fits bins up to 7.09 M [23'3"] eave height with 0.3 M [12"] floor supports
•7.01 M [23'0"] stirring auger - fits bins up to 7.39 M [24'3"] eave height with 0.3 M [12"] floor supports

PLEASE NOTE

- Consult the bin manufacturer for any modifications required to your bin before installing a stirring device.
- IMPORTANT: Warn customers never to enter the bin when a stirring device is operating.**
- IMPORTANT: Make sure all warning decals are affixed in their proper positions.**

Please see the Conversion Table at the end of this section for metric equivalent values.

MANUFACTURED BY:



NECO Division GLOBAL Industries, Inc.

9364 N. 45th Street
Omaha, NE 68152
800-367-6208



Stirring Auger List Prices

Graduated-pitch stirring augers loosen grain better and travel through grain faster.

- 1" High Strength Alloy Shaft
- Hardened Surface on Lifting Face ("Hard-surfaced augers only)
- Flighting Manufactured from 1/4" Thick Steel

HARD-SURFACED DOWN AUGERS - Add to basic Stir-Rite prices as required								
Description	Size		One-Trolley	Two-Trolley	Three-Trolley	Four-Trolley	Weight	
	Feet	Meters					lb	kg
1605LIH Stirring Auger	16'0"	4.88					49	22
1765LIH Stirring Auger	17'6"	5.33					53	24
2005LIH Stirring Auger	20'0"	6.10					71	32
2105LIH Stirring Auger	21'0"	6.40					78	35
2205LIH Stirring Auger	22'0"	6.71					86	39
2305LIH Stirring Auger	23'0"	7.01					94	43

NON-HARD-SURFACED DOWN AUGERS - Add to basic Stir-Rite prices as required								
Description	Size		One-Trolley	Two-Trolley	Three-Trolley	Four-Trolley	Weight	
	Feet	Meters					lb	kg
1605LIN Stirring Auger	16'0"	4.88					49	22
1765LIN Stirring Auger	17'6"	5.33					53	24
2005LIN Stirring Auger	20'0"	6.10					71	32
2105LIN Stirring Auger	21'0"	6.40					78	35
2205LIN Stirring Auger	22'0"	6.71					86	39
2305LIN Stirring Auger	23'0"	7.01					94	43

*Please see the previous page for equivalent metric lengths.

IMPORTANT If an auger is to be shortened, cut the bottom of the auger (flighting end). Do not cut the top. Reweld the end of the flighting to the auger shaft.

How to read the Part Numbering System

Length	Hole Type	Neck Type	Pitch Type	Surface Type
Feet Inches	4 = 1/4"	L = LONG = 22"	I = INCREASED	H = HARD SURFACED
XX X	5 = 5/16"	S = SHORT = 12"	C = CONSTANT	N = NONE
	D = DIMPLE	X = EXTRA SHORT = 6"		
	U = UNIVERSAL			

Example

1605LIH Stirring auger **16'0"** 5/16" hole Long neck Increasing-pitch, **Hard-surfaced**
 1764LIN Stirring auger **17'6"** 1/4" hole Long neck Increasing-pitch, **Not hard-surfaced**

REPLACEMENT DOWN AUGERS

NECO Stirring Augers can be used to replace competitive brand down augers. NECO's Increasing-Pitch design and Hard Surfacing on the lifting face will improve performance and life compared to some competitive brands. Call NECO for special pricing on large quantities of down augers purchased at one time.

Shipping Fees	
1-2 Augers	
3-5 Augers	
6 or more Augers	

***** NOTE *****
 No augers will be shipped without crating unless picked up by customer. Customer takes full responsibility for bending if augers are picked up uncrated.



STIRRING MACHINES

Effective: 2011-11-1
ST-21

Stir-Rite III 2-Auger 1½ kW 380V 3PH CE

Part Number	Bill of Lading Item	Bin Diameter							
		7.315m [24'] 039704-4	8.23m [27'] 039705-4	9.144m [30'] 039706-4	10.06m [33'] 039707-4	10.97m [36'] 039708-4	12.19m [40'] 039709-4	12.80m [42'] 039710-4	14.63m [48'] 039711-4
039072	Box of Parts Track Bracket-40 pieces	1	1	1	2	2	2	2	3
039073	Box of Parts Track Bracket-7 pieces	2	3	4	0	0	2	2	0
039563	BoP 2 Auger 380V 1½kW CE	1	1	1	1	1	1	1	1
039657	Box of Parts Bolt-on Track Bracket-2	1	1	1	0	2	2	2	0
039933	Stir-Rite III Galvanized Track (holes)	8	9	10	11	12	14	14	16
	Beam Weldment (Length*)	13'0"	14'6"	16'0"	17'6"	19'0"	21'0"	22'0"	25'0"
	(Part Number)	039433	039434	039435	039436	039437	039438	039439	039440
	Pipe Weldment (Length*)	66"	84"	102"	120"	138"	13'6"	14'6"	210"
	(Part Number)	039659	039660	039661	039662	039663	039664	039760	039666

Stir-Rite III 3-Auger 1½ kW 380V 3PH CE

Part Number	Bill of Lading Item	Bin Diameter							
		7.315m [24'] 039712-4	8.23m [27'] 039713-4	9.144m [30'] 039714-4	10.06m [33'] 039715-4	10.97m [36'] 039716-4	12.19m [40'] 039717-4	12.80m [42'] 039718-4	14.63m [48'] 039719-4
039072	Box of Parts Track Bracket-40 pieces	2	1	2	2	3	3	3	4
039073	Box of Parts Track Bracket-7 pieces	0	3	3	4	0	3	3	0
039597	BoP 3 Auger 380V 1½kW CE	1	1	1	1	1	1	1	1
039657	Box of Parts Bolt-on Track Bracket-2	0	1	0	1	0	0	0	0
039933	Stir-Rite III Galvanized Track (holes)	8	9	10	11	12	14	14	16
	Beam Weldment (Length*)	13'0"	14'6"	16'0"	17'6"	19'0"	21'0"	22'0"	25'0"
	(Part Number)	039433	039434	039435	039436	039437	039438	039439	039440
	Pipe Weldment (Length*)	3'6"	5'0"	6'6"	8'0"	9'6"	138"	12'6"	186"
	(Part Number)	039762	039763	039764	039765	039766	039663	039767	039665

Stir-Rite III 4-Auger 1½ kW 380V 3PH CE

Part Number	Bill of Lading Item	Bin Diameter							
		7.315m [24'] 039720-4	8.23m [27'] 039721-4	9.144m [30'] 039722-4	10.06m [33'] 039723-4	10.97m [36'] 039724-4	12.19m [40'] 039725-4	12.80m [42'] 039726-4	14.63m [48'] 039727-4
039072	Box of Parts Track Bracket-40 pieces	2	2	2	2	3	3	3	4
039073	Box of Parts Track Bracket-7 pieces	0	1	3	4	0	3	3	0
039473	BoP 4 Auger 380V 1½kW CE	1	1	1	1	1	1	1	1
039657	Box of Parts Bolt-on Track Bracket-2	0	2	0	1	0	0	0	0
039933	Stir-Rite III Galvanized Track (holes)	8	9	10	11	12	14	14	16
	Beam Weldment (Length*)	13'0"	14'6"	16'0"	17'6"	19'0"	21'0"	22'0"	25'0"
	(Part Number)	039433	039434	039435	039436	039437	039438	039439	039440
	Pipe Weldment (Length*)	1'6"	3'0"	4'6"	6'0"	7'6"	9'6"	10'6"	162"
	(Part Number)	039768	039769	039770	039771	039772	039766	039773	039664



Conversion Table				
Length Conversion ' = 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			
Abbreviations ' = foot or feet " = inch or inches lb = pound kg = kilogram cm = centimeter m = meter hp = horsepower kW = kilowatt hz = hertz	Distance and Length 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	Weight and Mass pounds x 0.454 = kilogram kilogram x 2.205 = pounds	Power horsepower x 0.746 = kilowatts kilowatts x 1.34 = horsepower