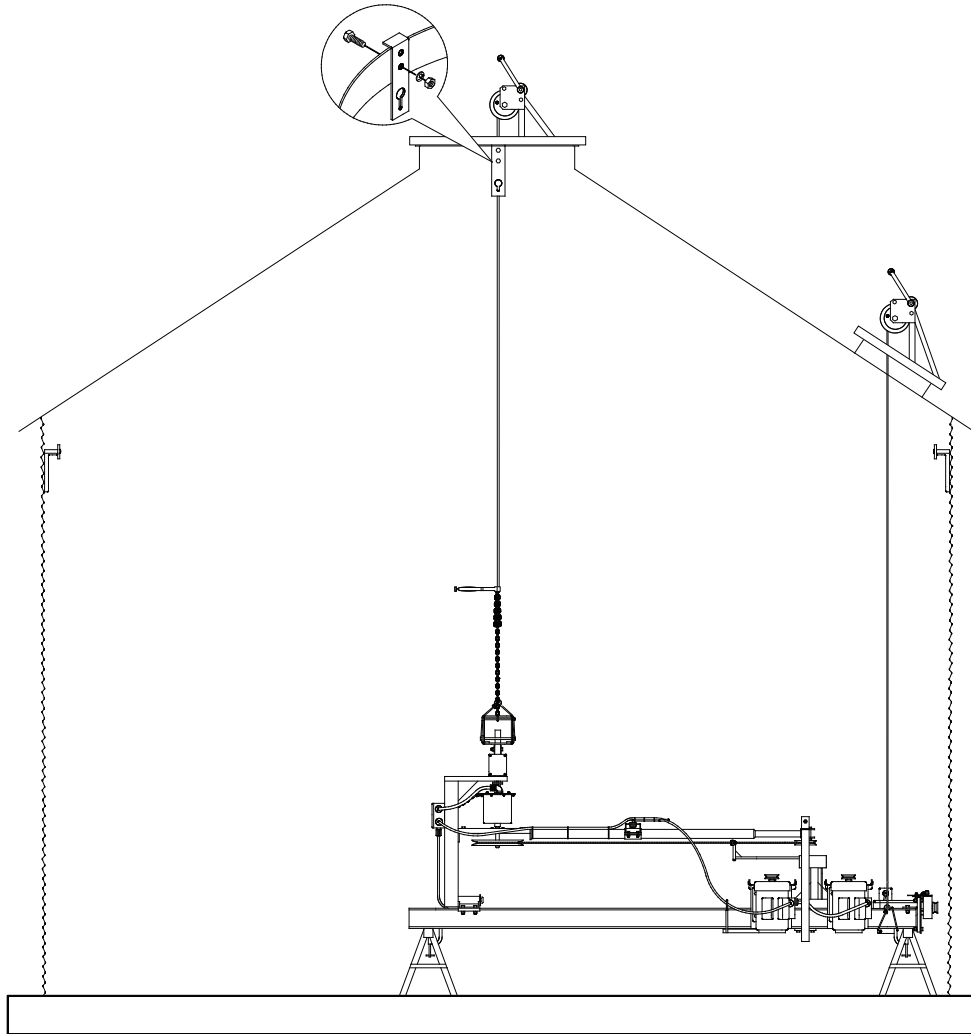




## Stir-Rite Grain-Stirring Machine



### Basic Unit Includes

- Main Support Beam
- Track with Brackets
- Rotating Contact
- Fill-Hatch Hanger Brackets
- Trolley(s) for Stirring Auger(s) with Drive Chain
- Stirring Auger Motor(s) with Wiring
- Gear Motor Drive

### Not Included

- Stirring Auger(s)
- Wire for bringing power to bin center
- Disconnect Switch

### Options

- 3 Phase 2hp [1.491kW] 240V
- 3 Phase 2hp [1.491kW] 440V
- 3 Phase 2hp [1.491kW] 380V
- Heavy-duty 50 Amp rotating contactor on 1 Auger units Add \$135\*
- 2hp [1.491kW] 1PH Motors
- Stall Timer\*\*
- CSA Certified for Canada Add or deduct as follows.
  - 1 Stirring Auger Units Add \$63 to List.
  - 2 Stirring Auger Units Deduct \$79 from List.
  - 3 & 4 Stirring Auger Units Deduct \$39 from List.
- Fixed Outside Stirring Auger Add \$164 to the price of the unit with the total number or trolleys required. Example: For a 30' diameter bin with 2 moving trolleys and 1 fixed trolley, use the 3-trolley price plus \$164.

\*Standard on 2 to 4 auger units

\*\*Stall timer shuts unit down if it detects augers haven't moved for a preset time.



# Stirring Machine List Prices\*

Bin Diameter		One-Trolley				Two-Trolley			
		Part Number	List Price	Weight		Part Number	List Price	Weight	
				lb	kg			lb	kg
feet	m								
18'	5.49	038838	\$5,829	552	250	038844	\$7,933	653	296
21'	6.40	038839	\$6,012	591	268	038845	\$8,098	692	314
24'	7.32	038840	\$6,141	634	288	038846	\$8,245	735	333
27'	8.23	038841	\$6,307	678	308	038847	\$8,415	779	353
30'	9.14	038842	\$6,369	721	327	038848	\$8,484	823	373
33'	10.06	--	--	--	--	038849	\$8,766	865	392
36'	10.97	--	--	--	--	038850	\$8,935	909	412
40'	12.19	--	--	--	--	038851	\$9,224	963	437
42'	12.80	--	--	--	--	038852	\$9,360	990	449
48'	14.63	--	--	--	--	038853	\$9,539	1,033	469

Bin Diameter		Three-Trolley				Four-Trolley			
		Part Number	List Price	Weight		Part Number	List Price	Weight	
				lb	kg			lb	kg
feet	m								
18'	5.49	038855	\$9,215	771	350	038866	\$10,458	850	386
21'	6.40	038856	\$9,410	813	369	038867	\$10,656	899	408
24'	7.32	038857	\$9,536	859	390	038868	\$10,724	949	430
27'	8.23	038858	\$9,706	906	411	038869	\$10,921	998	453
30'	9.14	038859	\$9,852	952	432	038870	\$11,068	1,047	475
33'	10.06	038860	\$10,145	999	453	038871	\$11,382	1,096	497
36'	10.97	038861	\$10,248	1,045	474	038872	\$11,485	1,146	520
40'	12.19	038862	\$10,615	1,103	500	038873	\$11,852	1,212	550
42'	12.80	038863	\$10,719	1,132	513	038874	\$11,956	1,244	564
48'	14.63	038864	\$11,033	1,224	555	038875	\$12,245	1,343	609

\*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 stirring machines will fit bins up to 1 foot [30.48cm] larger or 6 inches [15.24cm] smaller than the nominal diameter shown. All stirring augers feature <b>graduated pitch</b> and a <b>hardened surfaced on lifting face*</b> . Order one auger for each trolley. Augers are made in six lengths as shown here.
•16'0" [4.88m] stirring auger fits bins up to 17'2" [5.23m] eave height with 12" [30.48cm] floor supports.
•17'6" [5.33m] stirring auger fits bins up to 18'8" [5.69m] eave height with 12" [30.48cm] floor supports.
•20'0" [6.10m] stirring auger fits bins up to 21'3" [6.48m] eave height with 12" [30.48cm] floor supports.
•21'0" [6.40m] stirring auger fits bins up to 22'3" [6.78m] eave height with 12" [30.48cm] floor supports.
•22'0" [6.71m] stirring auger fits bins up to 23'3" [7.09m] eave height with 12" [30.48cm] floor supports.
•23'0" [7.01m] stirring auger fits bins up to 24'3" [7.39m] eave height with 12" [30.48cm] floor supports.

\*This statement applies to hard-surfaced units only.

NOTE: Consult your bin manufacturer for any modifications required to the bin before installation of a stirring device. Customer should be warned never to enter the bin when stirring device is in operation.

**WARNING: CUSTOMER SHOULD BE WARNED NEVER TO ENTER THE BIN WHEN A STIRRING DEVICE IS OPERATING.**

**IMPORTANT: MAKE SURE ALL WARNING DECALS ARE AFFIXED IN THEIR PROPER POSITIONS.**



# 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	\$243	\$486	\$729	\$972	49	22	
1765LIH Stirring Auger	17'6"	5.33	\$252	\$504	\$756	\$1,008	53	24	
2005LIH Stirring Auger	20'0"	6.10	\$270	\$540	\$810	\$1,080	71	32	
2105LIH Stirring Auger	21'0"	6.40	\$287	\$574	\$861	\$1,148	78	35	
2205LIH Stirring Auger	22'0"	6.71	\$315	\$630	\$945	\$1,260	86	39	
2305LIH Stirring Auger	23'0"	7.01	\$318	\$636	\$954	\$1,272	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	\$293	\$586	\$879	\$1,172	49	22	
1765LIN Stirring Auger	17'6"	5.33	\$296	\$592	\$888	\$1,184	53	24	
2005LIN Stirring Auger	20'0"	6.10	\$339	\$678	\$1,017	\$1,356	71	32	
2105LIN Stirring Auger	21'0"	6.40	\$349	\$698	\$1,047	\$1,396	78	35	
2205LIN Stirring Auger	22'0"	6.71	\$359	\$718	\$1,077	\$1,436	86	39	
2305LIN Stirring Auger	23'0"	7.01	\$369	\$738	\$1,107	\$1,476	94	43	

**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" [0.64cm]	L = LONG = 22" [55.88cm]	I = INCREASED	H = HARD SURFACED
XX	X	5 = 6/16" [0.953cm]	S = SHORT = 12" [30.48cm]	C = CONSTANT	N = NONE
		D = DIMPLE	X = EXTRA SHORT = 6" [15.24cm]		
		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	\$31 NET
3 - 5 Augers	\$31 NET
6 or more Augers	\$43 NET

**\*\*\* 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.



## Bill of Lading for Single-Trolley Stir-Rite Systems (Equipped for the USA)

Part Number	List Price (each)	Bill of Lading Item	Bin Diameter				
			18' [5.486m] 038838	21' [6.401m] 038839	24' [7.315m] 038840	27' [8.23m] 038841	30' [9.144m] 038842
038057	\$66	Bar, 20' [6.10m] Stir-Rite Track	3	2	4	3	5
038415	\$50	Bar, 15' [4.57m] Stir-Rite Track	--	2	--	2	--
		Chain, Trolley Drive (1 each)	038139	038140	038141	038142	038143
		(Price)	\$137	\$144	\$161	\$165	\$170
		Spacer Angle (Length)	N/A	N/A	N/A	N/A	N/A
		(Part Number)	N/A	N/A	N/A	N/A	N/A
		(Price)	N/A	N/A	N/A	N/A	N/A
038933	\$1,304	BOP Rotating Contactor & Junction Box**	1	1	1	1	1
038674	\$294	Box of 33 Track Brackets	1	1	1	1	2
038828	\$94	Box of 9 Track Brackets	--	--	2	3	--
038827	\$78	Box of 6 Track Brackets	1	2	--	--	--
038824	\$3,951	Box of Parts: Stir-Rite Common Parts	1	1	1	1	1
038825	\$1,241	Box of Parts: Stir-Rite 2nd Trolley Parts	--	--	--	--	--
038826	\$1,220	Box of Parts: Stir-Rite 3rd Trolley Parts	--	--	--	--	--
038829	\$1,247	Box of Parts: Stir-Rite 4th Trolley Parts	--	--	--	--	--
038256	\$136	Hanger Channel	1	1	1	1	1
		Beam Weldment (Length)	10'0"	11'6"	13'0"	14'6"	16'0"
		(Part Number)	038123	038124	038125	038126	038127
		(Price)	\$404	\$468	\$475	\$507	\$515
		Hanger Pipe (Part Number)	038457	038457	038458	038459	038460
		(Price)	\$87	\$87	\$128	\$130	\$135

**FOR CSA UNITS:**  
**Substitute Rotating Contactor Box of Parts (BOP)**  
 1 Auger 038915 - \$642  
 2 through 4 Auger 038916 - \$714



**Bill of Lading for Two-Trolley Stir-Rite Systems**  
(Equipped for the USA)

Part Number	List Price (each)	Bill of Lading Item	Bin Diameter									
			Feet [Meters]									
			18' [5.486] 038844	21' [6.401] 038845	24' [7.315] 038846	27' [8.23] 038847	30' [9.144] 038848	33' [10.06] 038849	36' [10.97] 038850	40' [12.19] 038851	42' [12.80] 038852	48' [14.63] 038853
038057	\$66	Bar, 20' [6.10m] Stir-Rite Track	3	2	4	3	5	4	6	4	6	7
038415	\$50	Bar, 15' [4.57m] Stir-Rite Track		2		2		2		3	1	1
		Chain, Trolley Drive (1 each)	038142	038144	038145	038146	038147	038149	038150	038151	038834	038835
		(Price)	\$165	\$170	\$180	\$185	\$190	\$200	\$205	\$210	\$215	\$220
		Spacer Angle (Part Number)	038501	038502	038503	038504	038505	038506	038507	038509	038510	038512
		(Price)	\$36	\$40	\$45	\$48	\$55	\$104	\$109	\$119	\$124	\$129
039251	\$1,343	BOP 50amp Rotating Contactor with Junction Box**	1	1	1	1	1	1	1	1	1	1
038674	\$294	Box of 33 Track Brackets	1	1	1	1	2	2	2	2	2	3
038828	\$94	Box of 9 Track Brackets			2	3					2	
038827	\$78	Box of 6 Track Brackets	1	2				1	2	3	1	
038824	\$3,951	Box of Parts Stir-Rite Common Crate Parts	1	1	1	1	1	1	1	1	1	1
038825	\$1,241	BOP Stir-Rite 2nd Trolley Parts	1	1	1	1	1	1	1	1	1	1
038826	\$1,220	BOP Stir-Rite 3rd Trolley Parts										
038829	\$1,247	BOP Stir-Rite 4th Trolley Parts										
038256	\$136	Hanger Channel	1	1	1	1	1	1	1	1	1	1
		Beam Weldment (Length)	10'0"	11'6"	13'0"	14'6"	16'0"	17'6"	19'0"	21'0"	22'0"	25'0"
		(Part Number)	038123	038124	038125	038126	038127	038128	038129	038130	038131	038641
		(Price)	\$404	\$468	\$475	\$507	\$515	\$557	\$565	\$715	\$755	\$810
		Hanger Pipe (Part Number)	038457	038457	038458	038459	038460	038461	038462	038463	038464	038634
		(Price)	\$87	87	\$128	\$130	\$135	\$204	\$245	\$273	\$295	\$315



### Bill of Lading for Three-Trolley Stir-Rite Systems (Equipped for the USA)

Part Number	List Price (each)	Bill of Lading Item	Bin Diameter									
			Feet [Meters]									
			18' [5.486] 038855	21' [6.401] 038856	24' [7.315] 038857	27' [8.23] 038858	30' [9.144] 038859	33' [10.06] 038860	36' [10.97] 038861	40' [12.19] 038862	42' [12.80] 038863	48' [14.63] 038864
038057	\$66	Bar, 20' [6.10m] Stir-Rite Track	3	2	4	3	5	4	6	4	6	7
038415	\$50	Bar, 15' [4.57m] Stir-Rite Track		2		2		2		3	1	1
		Chain, Trolley Drive (1 each)	038672	038160	038138	038148	038144	038152	038153	038159	038154	038149
		(Price)	\$117	\$118	\$145	\$150	\$150	\$155	\$160	\$165	\$170	\$200
		Spacer Angle (Part Number)	038501	038502	038503	038504	038505	038506	038507	038509	038510	038512
		(Price)	\$36	\$40	\$45	\$48	\$55	\$104	\$109	\$119	\$124	\$129
039251	\$1,343	BOP 50amp Rotating Contactor with junction Box**	1	1	1	1	1	1	1	1	1	1
038674	\$294	Box of 33 Track Brackets	1	1	2	2	2	2	3	3	3	4
038828	\$94	Box of 9 Track Brackets	2	3		1	2	3				
038827	\$78	Box of 6 Track Brackets								2	2	
038824	\$3,951	Box: Stir-Rite Common Parts	1	1	1	1	1	1	1	1	1	1
038825	\$1,241	BOP Stir-Rite 2nd Trolley Parts	1	1	1	1	1	1	1	1	1	1
038826	\$1,220	BOP Stir-Rite 3rd Trolley Parts	1	1	1	1	1	1	1	1	1	1
038829	\$1,247	BOP Stir-Rite 4th Trolley Parts										
038256	\$136	Hanger Channel	1	1	1	1	1	1	1	1	1	1
		Beam Weldment (Length)	10'0"	11'6"	13'0"	14'6"	16'0"	17'6"	19'0"	21'0"	22'0"	25'0"
		(Part Number)	038123	038124	038125	038126	038127	038128	038129	038130	038131	038641
		(Price)	\$404	\$468	\$475	\$507	\$515	\$557	\$565	\$715	\$755	\$810
		Hanger Pipe (Part Number)	038457	038457	038458	038459	038460	038461	038462	038463	038464	038634
		(Price)	\$87	\$87	\$128	\$130	\$135	\$204	\$245	\$273	\$295	\$315



### Bill of Lading for Four-Trolley Stir-Rite Systems (Equipped for the USA)

Part Number	List Price (each)	Bill of Lading Item	Bin Diameter									
			Feet [Meters]									
			18' [5.486] 038866	21' [6.401] 038867	24' [7.315] 038868	27' [8.23] 038869	30' [9.144] 038870	33' [10.06] 038871	36' [10.97] 038872	40' [12.19] 038873	42' [12.80] 038874	48' [14.63] 038875
038057	\$66	Bar, 20' [6.10m] Stir-Rite Track	3	2	4	3	5	4	6	4	6	7
038415	\$50	Bar, 15' [4.57m] Stir-Rite Track		2		2		2		3	1	1
		Chain, Trolley Drive (1 each)	038645	038646	038647	038648	038649	038138	038651	038652	038653	038654
		(Price)	\$113	\$115	\$116	\$118	\$119	\$145	\$150	\$155	\$160	\$165
		Spacer Angle (Part Number)	038501	038502	038503	038504	038505	038506	038507	038509	038510	038512
		(Price)	\$36	\$40	\$45	\$48	\$55	\$104	\$109	\$119	\$124	\$129
039251	\$1,343	BOP 50amp Rotating Contactor with Junction Box**	1	1	1	1	1	1	1	1	1	1
038674	\$294	Box of 33 Track Brackets	1	1	2	2	2	2	3	3	3	4
038828	\$94	Box of 9 Track Brackets	2	3		1	2	3				
038827	\$78	Box of 6 Track Brackets								2	2	
038824	\$3,951	Box: Stir-Rite Common Parts	1	1	1	1	1	1	1	1	1	1
038825	\$1,241	BOP Stir-Rite 2nd Trolley Parts	1	1	1	1	1	1	1	1	1	1
038826	\$1,220	BOP Stir-Rite 3rd Trolley Parts	1	1	1	1	1	1	1	1	1	1
038829	\$1,247	BOP Stir-Rite 4th Trolley Parts	1	1	1	1	1	1	1	1	1	1
038256	\$136	Hanger Channel	1	1	1	1	1	1	1	1	1	1
		Beam Weldment (Length)	10'0"	11'6"	13'0"	14'6"	16'0"	17'6"	19'0"	21'0"	22'0"	25'0"
		(Part Number)	038123	038124	038125	038126	038127	038128	038129	038130	038131	038641
		(Price)	\$404	\$468	\$443	\$507	\$515	\$557	\$565	\$715	\$755	\$810
		Hanger Pipe (Part Number)	038457	038457	038458	038459	038460	038461	038462	038463	038464	038634
		(Price)	\$87	\$87	\$128	\$130	\$135	\$204	\$245	\$273	\$295	\$315



# Fixed-Trolley Stir-Rite

## Grain Stirrers

### Why do you need a fixed trolley?

The temperature differential between the warm moist air inside the bin and the much colder temperatures outside can be great. Without a fixed trolley, the outer 18" [45.72cm] of a drying bin becomes a problem area. Depending on the bin radius, 12% to 36% of the grain may be contained in this area.

Fixed outside stirring augers provide constant stirring of the grain located in this otherwise problem-prone area. This stirring loosens grain and provides better airflow. A fixed-trolley stirring auger works with the rest of the stirring system to create full-pattern stirring and quicker, more effective drying.

### Fixed-trolley Beams

Used in place of the standard beam on fixed-trolley Stir-Rite stirrers.

Bin Diameter	24' [7.315m]	27' [8.23m]	30' [9.144m]	33' [10.06m]	36' [10.97m]	40' [12.19m]	42' [12.80m]	48' [14.63m]
Part Number	038364	039157	038366	038367	038368	039092	038370	038372
List Price	\$576	\$608	\$619	\$627	\$640	\$768	\$786	\$802

### Fixed Trolley Add-on Kit (Without Down Auger)\*

To add a fixed trolley to an existing unit, use the appropriate kit from the list below. For example, if you have a 2-stirring auger setup and you want to make it into a 3-stirring auger system with one fixed stirrer, use one of the kits below.

Description	Part Number	List Price
1½ hp [1.119kW] 1-phase 230 volt	039175	\$1,620*
2 hp [1.491kW] 1-phase 230 volt	039176	\$1,826*
2 hp [1.491kW] 3-phase 230 volt	039177	\$1,869*

\*The stirring auger is not included. A unit of the appropriate length must be added from page ST-2. Additional down augers may require extra track brackets. Consult the Owner's Manual. If the total number of stirring augers will be four or more with this addition, NECO recommends going to a 50 amp Rotating Contactor (039250 Standard or 039269 With Stall Timer).

**Fixed Trolley Conversion Kit\***. Use this kit when converting an existing moving trolley into a fixed trolley. For example, if you have a unit with 3 moving stirring augers and you want to change it into a fixed auger and two moving stirring augers, use this kit.

Description	Part Number	List Price
Fits all units with 2 to 5 Stirring Augers	038208	\$513

**NOTE:** When adding down auger motors to a unit you may need to change the rotating contact. Consult bill-of-lading price sheets for requirements.

NOTE: All fixed Trolley Conversion Kits require drilling the beam and cutting a drive chain.

## 10' [3.05m] Stir-Rite Track Kits

**10' [3.048m] TRACK KIT** (Optional kit to be used in place of standard 20' [6.096m] and 15' [4.572m] lengths.)

This kit is to be used for track installation when a maximum of 10' [3.05m] track pieces are desired for easier installation in existing bins. The kit includes 10' [3.05m] track pieces and extra track splice plates with bolts.

Bin Diameter	15' [4.572m]	18' [5.486m]	21' [6.401m]	24' [7.315m]	27' [8.23m]	30' [9.144m]	33' [10.06m]	36' [10.97m]	40' [12.19m]	42' [12.80m]	48' [14.63m]
Part Number	*	*	*	*	*	*	*	*	*	*	*
List Price	-	-	-	-	-	-	-	-	-	-	-

\*For appropriate top-level part number, add an "1" to the part number for a Stir-Rite stirrer with the desired bin diameter and number of down augers from page ST-1.



## Stir-Rite Bill-of-Lading Parts for Other-than-Standard Single-Phase 1½ hp [1.1185kW]

### Common Crates

Substitute for Common Crate BOP on standard bill of lading prices.

Description	Standard Units	Fixed Trolley Units
	Part Number	Part Number
1-Phase 230V with 1½ hp [1.1185kW] Motor	(See Page ST-3)	038217
1-Phase 230V with 2 hp [1.4913kW] Motor	038005	038833
3-Phase 230V with 2 hp [1.4913kW] Motor	038969	039026
3-Phase 460V with 2 hp [1.4913kW] Motor	038996	039194

### Second Trolley Box of Parts

Substitute for 2nd Trolley BOP on standard bill of lading prices.

Description	Part Number
1-Phase 230V with 2 hp [1.4913kW] Motor	038006
3-Phase 230V with 2 hp [1.4913kW] Motor	038955
3-Phase 460V with 2 hp [1.4913kW] Motor	038993

### Third Trolley Box of Parts

Substitute for 3rd Trolley BOP on standard bill of lading prices.

Description	Part Number
1-Phase 230V With 2 hp [1.4913kW] Motor	038206
3-Phase 230V With 2 hp [1.4913kW] Motor	038954
3-Phase 460V With 2 hp [1.4913kW] Motor	038994

### Fourth Trolley Box of Parts

Substitute for 4th Trolley BOP on standard bill of lading prices.

Description	Part Number
1-Phase 230V With 2 hp [1.4913kW] Motor	039025
3-Phase 230V With 2 hp [1.4913kW] Motor	038984
3-Phase 460V With 2 hp [1.4913kW] Motor	038995



## Stir-Rite Bill-of-Lading Parts for Other-than-Standard Single-Phase 1½ hp [1.1185kW] (continued)

### Rotating Contact Box of Parts *without* Stall Timer

Substitute for rotating contact on standard bill of lading.

Description	One Trolley	Two-Four Trolleys
	Part Number	Part Number
1-Phase 230V With 2 hp [1.4913kW] Motor	038933	039251
3-Phase 230V With 2 hp [1.4913kW] Motor	038957	039251
3-Phase 460V With 2 hp [1.4913kW] Motor	038035	039253

### Rotating Contact Box of Parts *with* Stall Timer

Substitute for rotating contact on standard bill of lading.

Description	One Trolley	Two-Four Trolleys
	Part Number	Part Number
1-Phase 230V With 1½ hp [1.1185kW] Motor	038959	039261
1-Phase 230V With 2 hp [1.4913kW] Motor	038959	039261
3-Phase 230V With 2 hp [1.4913kW] Motor	038951	039261
3-Phase 460V With 2 hp [1.4913kW] Motor	038989	039263

### Fixed-Trolley Drive Chains

Substitute for drive chain on standard bill of lading prices.

Bin Diameter	Total Stir Augers (including fixed)	Chain Pitches	Part Number	List Price
24' [7.315m]	3 Auger, Fixed	120	038385	\$155
27' [8.23m]	3 Auger, Fixed	138	038377	\$169
30' [9.144m]	3 Auger, Fixed	156	038159	\$165
36' [10.97m]	3 Auger, Fixed	192	038380	\$173
42' [12.80m]	3 Auger, Fixed	228	038382	\$179

Bin Diameter	Total Stir Augers (including fixed)	Chain Pitches	Part Number	List Price
24' [7.315m]	4 Auger, Fixed	84	038649	\$119
30' [9.144m]	4 Auger, Fixed	108	038387	\$154
33' [10.06m]	4 Auger, Fixed	120	038653	\$160
36' [10.97m]	4 Auger, Fixed	132	038388	\$176
40' [12.19m]	4 Auger, Fixed	148	038769	\$180
48' [14.63m]	4 Auger, Fixed	180	038391	\$195



## Stir-Rite III

### Stirring Machine List Prices

**Basic Unit includes**

- Main Support Beam
- Track with Brackets
- Rotating Contact
- Fill Hatch Hanger Brackets
- Trolley(s) for Stirring Auger(s) with Drive Cable
- Stirring Auger Motor(s) with Wiring
- Gear Motor Drive

**Not included**

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

Bin Diameter		Two Trolley 1½ hp [1.1185kW], 230 V, 1 PH*				Three Trolley 1½ hp [1.1185kW], 230 V, 1 PH*				Four Trolley 1½ hp [1.1185kW], 230 V, 1 PH*			
		Part Number	List Price	Weight		Part Number	List Price	Weight		Part Number	List Price	Weight	
Ft	M			lb	kg			lb	kg			lb	kg
24'	7.315	039704	\$8,774	1,084	492	039712	\$9,851	1,284	582	039720	\$10,171	1,464	664
27'	8.23	039705	\$8,926	1,130	513	039713	\$9,960	1,343	609	039721	\$10,419	1,523	691
30'	9.144	039706	\$9,055	1,189	539	039714	\$10,185	1,402	636	039722	\$10,544	1,582	718
33'	10.06	039707	\$9,107	1,238	562	039715	\$10,336	1,461	663	039723	\$10,708	1,641	744
36'	10.97	039708	\$9,238	1,318	598	039716	\$10,411	1,520	689	039724	\$10,753	1,700	771
40'	12.19	039709	\$9,431	1,377	625	039717	\$10,657	1,579	716	039725	\$10,996	1,759	798
42'	12.80	039710	\$9,507	1,436	651	039718	\$10,687	1,638	743	039726	\$11,039	1,818	825
48'	14.63	039711	\$9,640	1,526	692	039719	\$10,843	1,697	770	039727	\$11,208	1,877	851

*Options
<b>1.5hp (1.1185 kW) 3PH 230V</b> Add -0 to part number Example 039704-0
<b>2 hp [1.491 kW] 1PH 230V</b> Add -1 to part number Example 039704-1
<b>2.65 hp [1.976 kW] 3PH 230V</b> Add -2 to part number Example 039704-2
<b>2.65 hp [1.976 kW] 3PH 460V</b> Add -3 to part number Example 039704-3
<b>Stall Timer** 230V 1PH/3PH, (Part # 039593) Add: \$760</b>
<b>Stall Timer** 460V 3PH, (Part # 039573) Add: \$1,000</b>

\*\* Stall timer shuts unit down if it detects augers haven't moved forward for some time.

**NOTE:** StirRite machines will fit into bins up to 1 foot longer or 6 inches shorter than the normal diameter. Stirring augers feature either graduated pitch or straight pitch. Hard-surfaced augers are hardened on the lifting face. Order one auger for each trolley. Augers are available in the six lengths shown in the table below.

Stirring Auger Length		Fits bins up to this height		Floor support height	
Feet / Inches	Meters	Feet	Meters	Feet	Meters
16'0"	4.88	17'2"	5.23	1'	0.305
17'6"	5.33	18'8"	5.69	1'	0.305
20'0"	6.10	21'3"	6.48	1'	0.305
21'0"	6.40	22'3"	6.78	1'	0.305
22'0"	6.71	23'3"	7.07	1'	0.305
23'0"	7.01	24'3"	7.39	1'	0.305

**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.**



# Stirring Auger List Prices

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

- 1" [2.54cm] High Strength Alloy Shaft
- Hardened Surface on Lifting Face (Hard-surfaced augers only)
- Flighting Manufactured from 1/4" [0.64cm] Thick Steel

Hard-Surfaced Down Augers - Add to basic Stir-Rite prices as required									
Part Number	Description	Size		One Trolley	Two Trolley	Three Trolley	Four Trolley	Weight	
		Feet	Meters					lb	kg
1605LIH	Stirring Auger	16'0"	4.88	\$243	\$486	\$729	\$972	49	22
1765LIH	Stirring Auger	17'6"	5.33	\$252	\$504	\$756	\$1,008	53	24
2005LIH	Stirring Auger	20'0"	6.10	\$270	\$540	\$810	\$1,080	71	32
2105LIH	Stirring Auger	21'0"	6.40	\$287	\$574	\$861	\$1,148	78	35
2205LIH	Stirring Auger	22'0"	6.71	\$315	\$630	\$945	\$1,260	86	39
2305LIH	Stirring Auger	23'0"	7.01	\$318	\$636	\$954	\$1,272	94	43

Not Hard-Surfaced Down Augers - Add to basic Stir-Rite prices as required									
Part Number	Description	Size		One Trolley	Two Trolley	Three Trolley	Four Trolley	Weight	
		Feet	Meters					lb	kg
1605LIN	Stirring Auger	16'0"	4.88	\$293	\$586	\$879	\$1,172	49	22
1765LIN	Stirring Auger	17'6"	5.33	\$296	\$592	\$888	\$1,184	53	24
2005LIN	Stirring Auger	20'0"	6.10	\$339	\$678	\$1,017	\$1,356	71	32
2105LIN	Stirring Auger	21'0"	6.40	\$349	\$698	\$1,047	\$1,396	78	35
2205LIN	Stirring Auger	22'0"	6.71	\$359	\$718	\$1,077	\$1,436	86	39
2305LIN	Stirring Auger	23'0"	7.01	\$369	\$738	\$1,107	\$1,476	94	43

**IMPORTANT** If an auger is to be shortened, cut the bottom of the auger (fighting 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" [0.64cm]	L = LONG = 22" [55.88cm]	I = INCREASED	H = HARD SURFACED
XX	X	5 = 6/16" [0.953cm]	S = SHORT = 12" [30.48cm]	C = CONSTANT	N = NONE
		D = DIMPLE	X = EXTRA SHORT = 6" [15.24cm]		
		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	\$31 Net
3-5 Augers	\$31 Net
6 or more Augers	\$43 Net

**\*\*\* 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.



**Stir-Rite III 2 Auger 1½ hp [1.119kW] 230V 1PH\***

Part Number	Bill of Lading Item	Bin Diameter							
		24' [7.32m] 039704	27' [8.23m] 039705	30' [9.14m] 039706	33' [10.06m] 039707	36' [10.97m] 039708	40' [12.19m] 039709	42' [12.8m] 039710	48' [14.63m] 039711
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
039562	BoP 2 Auger 230 V 1PH 1½ hp [1.119kW]	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
038228	Junction Box Assembly	1	1	1	1	1	1	1	1
	Beam Weldment (Length)	13' [3.96m]	14.5' [4.42m]	16' [4.88m]	17.5' [5.33m]	19' [5.79m]	21' [6.40m]	22' [6.71m]	25' [7.62m]
	(Part Number)	039433	039434	039435	039436	039437	039438	039439	039440
	Pipe Weldment (Length)	5.5' [1.68m]	7' [2.13m]	8.5' [2.59m]	10' [3.05m]	11.5' [3.51m]	13.5' [4.12m]	14.5' [4.42m]	17.5' [5.33m]
	(Part Number)	039659	039660	039661	039662	039663	039664	039760	039666

**Stir-Rite III 3 Auger 1½ hp [1.119kW] 230V 1PH\***

Part Number	Bill of Lading Item	Bin Diameter							
		24' [7.32m] 039712	27' [8.23m] 039713	30' [9.14m] 039714	33' [10.06m] 039715	36' [10.97m] 039716	40' [12.19m] 039717	42' [12.8m] 039718	48' [14.63m] 039719
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
039700	BoP 3 Auger 230 V 1PH 1½ hp [1.119kW]	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
039228	Junction Box Assembly	1	1	1	1	1	1	1	1
	Beam Weldment (Length)	13' [3.96m]	14.5' [4.42m]	16' [4.88m]	17.5' [5.33m]	19' [5.79m]	21' [6.40m]	22' 6.71m]	25' [7.62m]
	(Part Number)	039433	039434	039435	039436	039437	039438	039439	039440
	Pipe Weldment (Length)	3.5' [1.07m]	5' [1.52m]	6.5' [1.95m]	8' [2.44m]	9.5' [2.90m]	11.5' [3.51m]	12.5' [3.81m]	15.5' [4.72m]
	(Part Number)	039762	039763	039764	039765	039766	039663	039767	039665

**Stir-Rite III 4 Auger 1½ hp [1.119kW] 230V 1PH\***

Part Number	Bill of Lading Item	Bin Diameter							
		24' [7.32m] 039720	27' [8.23m] 039721	30' [9.14m] 039722	33' [10.06m] 039723	36' [10.97m] 039724	40' [12.19m] 039725	42' [12.8m] 039726	48' [14.63m] 039727
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
039585	BoP 4 Auger 230 V 1PH 1½ hp [1.119kW]	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
039228	Junction Box Assembly	1	1	1	1	1	1	1	1
	Beam Weldment (Length)	13' [3.96m]	14.5' [4.42m]	16' [4.88m]	17.5' [5.33m]	19' [5.79m]	21' [6.40m]	22' 6.71m]	25' [7.62m]
	(Part Number)	039433	039434	039435	039436	039437	039438	039439	039440
	Pipe Weldment (Length)	1.5' [0.46m]	3' [0.914m]	4.5' [1.37m]	6' [1.829m]	7.5' [2.286m]	9.5' [2.896m]	10.5' [3.2m]	13.5' [4.115m]
	(Part Number)	039768	039769	039770	039771	039772	039766	039773	039664



## Stir-Rite III Bill-of-Lading Parts for Other-than-Standard Single-Phase 1½ hp [1.1185kW]

### Common Crates

Substitute for Common Crate BOP on standard bill of lading prices.

Description	Two Trolley Units	Three Trolley Units	Four Trolley Units
	Part Number	Part Number	Part Number
1-Phase 230V with 2hp [1.4913kW] Motor	039561	039599	039780
3-Phase 230V with 2.65 hp [1.98kW] Motor	039703	039557	039472
3-Phase 460V with 2.65 hp [1.98kW] Motor	039560	039559	039575

## NECO Stirring Machine Cords & Disconnects

Amps Each	8.6			9.2		
	1½ hp [1.119kW] 1-Phase 230 Volts			2 hp [1.491kW] 1-Phase 230 Volts		
Down Auger	Amps	Disconnect	Cable	Amps	Disconnect	Cable
1	8.6	30A	14-gauge (3)	9.2	30A	14-gauge (3)
2	17.2	30A	14-gauge (3)	18.4	30A	12-gauge (3)
3	25.8	30A	10-gauge (3)	27.6	30A	10-gauge (3)
4	34.4	60A	8-gauge (3)	36.8	60A	8-gauge (3)

Amps Each	7.6			3.8		
	2.85 hp [2.13kW] 3-Phase 230 Volts			2.85 hp [2.13kW] 3-Phase 440 Volts		
Down Auger	Amps	Disconnect	Cable	Amps	Disconnect	Cable
1	7.6	30A	14-gauge (4)	3.8	30A, 460V	14-gauge
2	15.2	30A	12-gauge (4)	7.6	30A, 460V	14-gauge
3	22.8	30A	12-gauge (4)	11.4	30A, 460V	14-gauge
4	30.4	60A	10-gauge (4)	15.2	30A, 460V	12-gauge

Single Phase				Cable Connection			
Cable	Part Number	Maximum Amperage	List Price (per foot)	Diameter of Cable		Part Number	List Price (each)
				Inches	cm		
14-gauge (3)	005136	18 Amps	\$2	0.425"	1.08	005026	\$1
12-gauge (3)	005134	25 Amps	\$5	0.600"	1.52	005191	\$2
10-gauge (3)	005133	30 Amps	\$6	0.663"	1.69	005191	\$2
8-gauge (3)	039231	40 Amps	\$12	0.663"	1.69	005191	\$2

Three Phase				Cable Connection			
Cable	Part Number	Maximum Amperage	List Price (per foot)	Diameter of Cable		Part Number	List Price (each)
				Inches	cm		
14-gauge (4)	005404	15 Amps	\$2	0.563"	1.43	005191	\$2
12-gauge (4)	005135	20 Amps	\$3	0.649"	1.65	005191	\$2
10-gauge (4)	005148	25 Amps	\$5	0.700"	1.78	005191	\$2

NOTE: Cord length approximates 1.25 x bin radius.

Disconnect Box		
Rating	Part Number	List Price
30A, 230 Volts	038248	\$155
60A, 230 Volts	038249	\$184
30 A, 460 Volts	043675	\$213



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  <b>Power Conversion</b>  hp      kW 0.25 = 0.1861 0.5 = 0.3728 0.75 = 0.5593 1 = 0.7456 1.5 = 1.1185 2 = 1.4913 2.5 = 1.8642 2.65 = 1.976 3 = 2.2370 5 = 3.7284 7 = 5.2198 7½ = 5.5927 10 = 7.4569 15 = 11.1854 20 = 14.9139 30 = 22.37 40 = 29.83 50 = 37.28 60 = 44.74

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



# 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	\$10,988	492	039712-4	\$12,483	582	039720-4	\$14,135	664
27'	8.23	039705-4	\$11,100	513	039713-4	\$12,595	609	039721-4	\$14,395	691
30'	9.144	039706-4	\$11,147	539	039714-4	\$12,711	636	039722-4	\$14,470	718
33'	10.06	039707-4	\$11,208	562	039715-4	\$12,854	663	039723-4	\$14,563	744
36'	10.97	039708-4	\$11,279	598	039716-4	\$12,929	690	039724-4	\$14,706	771
40'	12.19	039709-4	\$11,527	625	039717-4	\$13,177	716	039725-4	\$14,786	798
42'	12.8	039710-4	\$11,555	652	039718-4	\$13,205	743	039726-4	\$14,814	825
48'	14.63	039711-4	\$11,715	692	039719-4	\$13,365	770	039727-4	\$15,148	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*			Weight [kg]	One Trolley	Two Trolley	Three Trolley	Four Trolley
1605LIH	4.88 m [16'0"]	Stirring Auger	22	\$243	\$486	\$729	\$972
1765LIH	5.33 m [17'6"]	Stirring Auger	24	\$252	\$504	\$756	\$1,008
2005LIH	6.10 m [20'0"]	Stirring Auger	32	\$270	\$540	\$810	\$1,080
2105LIH	6.40 m [21'0"]	Stirring Auger	36	\$287	\$574	\$861	\$1,148
2205LIH	6.71 m [22'0"]	Stirring Auger	39	\$315	\$630	\$945	\$1,260
2305LIH	7.01 m [23'0"]	Stirring Auger	43	\$318	\$636	\$954	\$1,272

## NOT HARD-SURFACED DOWN AUGERS - Add to basic Stir-Rite prices as required

Description*			Weight [kg]	One Trolley	Two Trolley	Three Trolley	Four Trolley
1605LIN	4.88 m [16'0"]	Stirring Auger	22	\$293	\$586	\$879	\$1,172
1765LIN	5.33 m [17'6"]	Stirring Auger	24	\$296	\$592	\$888	\$1,184
2005LIN	6.10 m [20'0"]	Stirring Auger	32	\$339	\$678	\$1,017	\$1,356
2105LIN	6.40 m [21'0"]	Stirring Auger	36	\$349	\$698	\$1,047	\$1,396
2205LIN	6.71 m [22'0"]	Stirring Auger	39	\$359	\$718	\$1,077	\$1,436
2305LIN	7.01 m [23'0"]	Stirring Auger	43	\$369	\$738	\$1,107	\$1,476

\*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	\$31 Net
3-5 Augers	\$31 Net
6 or more Augers	\$43 Net

**\*\*\* 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.



**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				
<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' = 31.41 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