



SBH-01

Parma Sugarbeet Harvester

2900 Series - Rear Elevator w/4-Ton Hopper

Effective:
October 1, 2021

Standard Equipment

- Rubber Backing on Paddles
- LED Working & Caution Lights
- Large Grabroll Bed w/1-15/16" Welded Stub Shafts (6 Rolls in 2960 Series) (8 Rolls in 2980 Series)
- Holding Tank, 55" Wide w/ 48" Chain, Appx. 4 Ton
- Electric Control Box for Tractor Cab
- Combination Mechanical / Tractor Hydraulic Drive
- **Note: Required Tractor Hyd System - 30 GPM at remote and 3000PSI capability**
- Four-Groove Belt Drive on Model 2960 Series
- Six-Groove Belt drive on Model 2980 Series
- Fold Down Discharge Elevator with Dual Cylinders
- 43 1/2" "High Capacity" Wide Rear Elevator
- RC80 Chain Drives Throughout
- Two Hydraulic Lift Cylinders
- 56 mm Belted Chain in Rear Elevator and in Tank
- Wear Slats in Hopper
- Heavy Duty Tongue Swivel Hitch
- Hose Kit for Tractor Hookup
- Rear Elevator Installed and Test Run

Order Number	Description	List Price
Base Unit - Specify Row Spacing on Order		
	Model 29643 Harvester - 4 Row 30" - 6 Grabroll (Rock)	\$119,918.00
1268652	Model 29643 Harvester - 4 Row 30" - 6 Grabroll (Non Rock)	\$115,295.00
	Model 29843 Harvester - 4 Row 30" - 8 Grabroll (Non Rock)	\$115,915.00
1267805	Model 2966 Harvester - 6 Row 19" - 20" Narrow Row Strut (Non-Rock)	\$124,140.00
1267806	Model 2966 Harvester - 6 Row 19" - 20" Narrow Row Cushion Strut (Rock)	\$130,005.00
1267807	Model 2966 Harvester - 6 Row 21" - 24" Wide Row Strut (Non-Rock)	\$124,241.00
1267808	Model 2966 Harvester - 6 Row 21" - 24" Wide Row Cushion Strut (Rock)	\$130,005.00
	Model 29862 Harvester - 6 Row 22" 8 Grabroll Rock	\$138,507.00
	Model 29864 Harvest - 6 Row 24" Wide Row Cushion Strut (Rock)	\$134,503.00
1267809	Model 2986 Harvester - 6 Row 28" - 30" Wide Row Strut (Non-Rock)	\$135,858.00
1267810	Model 2986 Harvester - 6 Row 28" - 30" Wide Row Cushion Strut (Rock)	\$141,102.00
1267811	Model 2988 Harvester - 8 Row 19" - 20" Narrow Row Strut (Non-Rock)	\$143,831.00
1267812	Model 2988 Harvester - 8 Row 19" - 20" Narrow Row Cushion Strut (Rock)	\$151,451.00
1267813	Model 2988 Harvester - 8 Row 21" - 22" Wide Row Strut (Non-Rock)	\$143,831.00
1267814	Model 2988 Harvester - 8 Row 21" - 22" Wide Row Cushion Strut (Rock)	\$151,451.00
1268497	Model 29884 Harvester - 8 Row 24" - 8 Grabroll (Rock)	\$159,980.00
1268701	Model 29683 Harvester - 8 Row 30" - 6 Grabroll (Rock) 24480# w/Top Mount Scrapers	\$176,672.00
Completing Packages - Order one item from each section for a complete harvester		
Rear Wheel Strut Assemblies		
1267825	Steerable, One Way, 19" to 30" Rows, 11.2 x 24 Lug Tires	\$12,054.00
1267826	Steerable, Two Way-Rtn to Straight, 19" to 30" Rows, 11.2 x 24 Lug Tires	\$12,829.00
1268476	Steerable, Two Way-Rtn to Straight, 24" HD Wheels, 22" Rows - 2900	\$14,682.00
1268693	Steerable, Two Way-Rtn to Straight, 24" HD Wheels, 30" Rows - 2900	\$16,296.00
1268423	Steerable, Two Way-Rtn to Straight, Floater 21.5 x 16.1 Tires	\$16,327.00
1268327	Non-Steerable, 19" to 30" Rows, 11.2 x 24 Lug Tires	\$6,391.00



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2900 Series - Rear Elevator

PTO Driveline Assembly		
991097	Standard PTO w/ 1 3/8 - 21 Spline Yoke	\$1,160.00
1991096	Standard PTO w/ 1 3/4 - 20 Spline Yoke	\$1,160.00
1268450	CV PTO w/ 1 3/8 - 21 Spline Yoke	\$2,279.00
1268451	CV PTO w/ 1 3/4 - 20 Spline Yoke	\$2,279.00
Optional Equipment		
Self Contained Hydraulic Kit		
1267828	Self Contained Hydraulic Kit (2960 Series) - Instead of Standard	\$7,495.00
1267828	Self Contained Hydraulic Kit (2980 Series) - Instead of Standard	\$7,495.00
Control Valves - Order as needed to match hydraulic needs.		
1265725	2-Bank Electric Solenoid Control Valve	\$4,943.00
1265726	3-Bank Electric Solenoid Control Valve	\$6,507.00
1265727	4-Bank Electric Solenoid Control Valve	\$8,523.00
269029	4-Bank Valve Closed Center - Non Convertible, Non Stackable.	\$4,943.00
Added Options - Order as Needed		
1268278	Rowfinder, Breakaway - Includes Cyl, Hoses, and Fittings (Includes Installation)	\$3,447.00
1267149	Tongue Cylinder Kit - Includes Cylinder and Hoses (Not needed with Rowfinder)	\$592.00
1266567	Lifter Wheel Spacer Kit - Order 1 Kit per Row 6 = \$336 8 = \$448	\$59.00
266348	Spacer 1/4" For Scraper (Bottom Mount) 6 = \$37.80 8 = \$50.40	\$6.60
1267831	Mud Flap Kit for Grabrolls (Model 2960 Series)	\$1,002.00
1267832	Mud Flap Kit for Grabrolls (Model 2986)	\$1,039.00
1267753	Mud Flap Kit for Grabrolls (Model 2988)	\$1,094.00
1266473	Ladder and Platform (Model 2960 Series)	\$1,861.00
1266516	Ladder and Platform (Model 2980 Series)	\$1,869.00
268371	Boom Extension 24" 48" Wide (Standard on 8-Row)	\$962.00
1282210	SMV Sign Assembly	\$43.00
268351	Front Jack Stand, Pair - Order One Per Harvester	\$792.00
266986	Wide Row Lifter Wheel Scrapers Top Mount 6 = \$2208 8 = \$2944 [Per Row]	\$407.00
267221	Wide Row Lifter Wheel Scrapers-Bottom Mount (Inc'd in Base Price) Per Row	\$138.00
	See Installation Package Sheet #SBH-06 for assembling options	
Fafnir Bearing Upgrade: (Less Grabroll Bearings)		
1268861	Fafnir Bearing Upgrade (Model 2960)	\$5,611.00
1268862	Fafnir Bearing Upgrade (Model 2980)	\$7,248.00
Rowfinder		
Strut Mounted:		
998408	Rowfinder w/Cylinder, Hoses & Mounting Bracket	\$3,040.00
998200	Rowfinder w/Mounting Bracket	\$2,836.00
Breakaway Mounted:		
266464	Rowfinder w/Cylinder, Hoses & Mounting Bracket	\$3,269.00
266412	Rowfinder w/Mounting Bracket	\$2,712.00
267977	Breakaway Mount	\$352.00



SBH-03

Parma Sugarbeet Harvester

2200 Series - Wheel Lift

Effective:
October 1, 2021

Standard Equipment

- Large Grabroll Bed with 8 Rolls - 1 15/16" Shafts
- Hydraulically Powered Wheel Beet Lift System
- Holding Tank, 55" Wide w/ 48" Chain Appx 4 Ton
- Rubber Backing on Paddles
- Electric Control Box for Tractor Cab
- Self Contained Hydraulic System
- Five-Groove Belt Drive on Model 2260 Series
- Tractor Hydraulics for Tank Unloading
- **Note: Required Tractor Hyd System - 30 GPM at remote and 3000PSI capability**
- Six-Groove Belt Drive on Model 2280 Series
- Fold Down Discharge Elevator with Dual Cylinders
- RC80 Paddle & Hopper Drive Chains
- Two Hydraulic Lift Cylinders
- Heavy Duty Tongue Swivel Hitch
- 56 mm Belted Chain
- Steerable Rear Floatation Struts
- Hose Kit for Tractor Hookup
- LED Working & Caution Lights
- Wear Slats in Hopper
- Ladder & Platform

Order Number	Description	List Price
Base Unit - Specify Row Spacing on Order		
1267815	Model 2266 Wheel Lift Harvester - 6 row 19" - 20" Narrow Row Strut (Non-Rock)	\$145,149.00
1267816	Model 2266 Wheel Lift Harvester - 6 row 19" - 20" Narrow Row Strut (Rock)	\$148,482.00
1267817	Model 2266 Wheel Lift Harvester - 6 row 21" - 24" Wide Row Strut (Non-Rock)	\$145,149.00
1267818	Model 2266 Wheel Lift Harvester - 6 row 21" - 24" Wide Row Strut (Rock)	\$148,482.00
1267819	Model 2286 Wheel Lift Harvester - 6 row 28" - 30" Wide Row Strut (Non-Rock)	\$152,138.00
1267820	Model 2286 Wheel Lift Harvester - 6 row 28" - 30" Wide Row Strut (Rock)	\$163,322.00
1267821	Model 2288 Wheel Lift Harvester - 8 row 19" - 20" Narrow Row Strut (Non-Rock)	\$165,852.00
1267822	Model 2288 Wheel Lift Harvester - 8 row 19" - 20" Narrow Row Strut (Rock)	\$173,249.00
1267823	Model 2288 Wheel Lift Harvester - 8 row 22" Wide Row Strut (Non-Rock)	\$164,738.00
1267824	Model 2288 Wheel Lift Harvester - 8 row 22" Wide Row Strut (Rock)	\$173,869.00
Completing Packages - Order one item from each section for a complete harvester		
Rear Wheel Strut Assemblies		
1268951	Steerable, Two Way-Rtn to Straight, Floatation Tires 2260	\$20,217.00
PTO Driveline Assembly		
991097	Standard PTO w/ 1 3/8 - 21 Spline Yoke	\$1,160.00
1991096	Standard PTO w/ 1 3/4 - 20 Spline Yoke	\$1,160.00
1268450	CV PTO w/ 1 3/8 - 21 Spline Yoke	\$2,279.00
1268451	CV PTO w/ 1 3/4 - 20 Spline Yoke	\$2,279.00
Fafnir Bearing Upgrade (Less Grabroll Bearings)		
1268863	Fafnir Bearing (Model 2260)	\$6,905.00
1268864	Fafnir Bearing (Model 2280)	\$7,711.00

Model 2266 Tongue Through Elevator 20' 10" 21760#
 Model 2288 Tongue Through Elevator 20' 10" 25260#
 Transport Height 13'
 Tongue off 212" 17' 8"

Allow 5 Hrs to Remount Boom
 6-22" Width Boom OFF 175" 14' 6"
 6-22" Width Boom ON 235" 19' 6"



SBH-04

Parma Sugarbeet HarvesterEffective:
October 1, 2021**2200 Series - Wheel Lift****Optional Equipment****Control Valves - Order as needed to match hydraulic needs.**

1265725	2-Bank Electric Solenoid Control Valve	\$4,943.00
1265726	3-Bank Electric Solenoid Control Valve	\$6,507.00
1265727	4-Bank Electric Solenoid Control Valve	\$8,523.00
269029	4-Bank Valve Closed Center - Non Convertible, Non Stackable	\$4,943.00

Added Options - Order as Needed

1268278	Rowfinder, Breakaway - Includes Cyl, Hoses, and Fittings (Includes Installation)	\$3,447.00
1267149	Tongue Cylinder Kit - Includes Cylinder and Hoses (Not needed with Rowfinder)	\$592.00
1266567	Lifter Wheel Spacer Kit - order 1 kit per row	\$59.00
266986	Wide Row Lifter Wheel Scrapers Top Mount Per Row	\$407.00
1267831	Mud Flap Kit for Grabrolls (Model 2266)	\$1,002.00
1267832	Mud Flap Kit for Grabrolls (Model 2286, 6-Row)	\$1,039.00
1267753	Mud Flap Kit for Grabrolls (Model 2288, 8-Row)	\$1,094.00
1282210	SMV Sign Assembly	\$43.00
268371	Boom Extension Kit 24" for 6-Row (Std on 8-row)	\$962.00
268351	Front Jack Stands, Pair - Order One Per Harvester	\$792.00
	See Installation Package Sheet #SBH-06 for assembling options	



SBH-05

Parma Sugarbeet Harvester

Effective:
October 1, 2021

12 Row 22" Double Elevator Standard Equipment

- Mechanical/Tractor Hyd. Drive
- Rubber Reink between Grabrolls & Elev.
- Upper and Lower Lifter Wheel Scrapers
- 4-Bank Valve Closed Center
- In-Cab Electrical Control Box
- LED Working & Caution Lights
- Assembled and Test Run
- 24" Boom Extension
- Double 48" Elevator
- 55" Wide Hopper w/48" Chain, Appx 4 Ton
- Stainless Steel Wear Slats in Hopper
- Ladder on Front of Hopper
- Extended Unloading Boom
- 8 Grabroll Bed
- 6 Groove 5VX Notched Powerband Drive Belts
- Mud Flap Over Grabrolls

Requires 65-85 MIN. GPM at the Remotes @ 3000 PSI
(Hydraulic Wet Kit Available for Older Tractors)
5 Remotes Required for Best Operation (**See Note**)
Approximately 27HP Per Row

Order Number	Description	List Price		
1269143	Model 12228D Harvester 12 Row 22" Wide Row Rock	\$238,957.00		
1269197	Model 12228D Harvester 12 Row 22" Non Rock, Non Reink	\$223,514.00		
Completing Packages - Order one item from each section for a complete harvester				
Rear Wheel Strut Assemblies				
1268761	Steerable, Two Way-Rtn to Straight, 4 Floater 21.5 x 16.1 Tires (2 HD Struts)	\$21,563.00		
PTO Driveline Assembly				
1991096	Standard PTO w/ 1 3/4 - 20 Spline Yoke	\$1,160.00		
1268451	CV PTO w/ 1 3/4 - 20 Spline Yoke	\$2,279.00		
Optional Equipment				
Added Options - Order as Needed				
1268278	Rowfinder, Breakaway - Includes Cyl, Hoses & Fittings - Includes Installation	\$3,447.00		
1267149	Tongue Cylinder Kit - Includes Cylinder and Hoses (Not needed with Rowfinder)	\$592.00		
1266567	Lifter Wheel Spacer Kit - order 1 kit per row 12= \$708.00	\$59.00		
268371	Boom Extension 24" x 48" Wide (In Base Unit)	\$962.00		
1282210	SMV Sign Assembly	\$43.00		
	Self-Contained Hydraulic Kit (Must Order w/Harvester)	\$11,504.00		
268795	Draw Bar Shim Kit CAT IV 2 1/8" Bore	\$131.00		
269279	Reink Shaft Assembly	\$3,672.00		
269284	Belted Chain Spacer	\$414.00		
269178	Belted Chain Discharge 48" x 56 mm	\$6,503.65		
268261	12 Tooth Sprocket 1 3/4" Bore 56 mm	\$253.53		
269321RL	Double Belted Chain 48" x 56 mm Discharge	\$11,523.00		
269320	2 x 12 Tooth Sprocket 1 3/8" Bore 56 mm	\$349.00		
269319	Double Belt std 6st/1up	\$9,669.00		
Weight: 32560# Height: 13'6" Tongue & Mount Removed: 13'8" Wide Load Allow 5 Hours Reassembly Time Note: Hydraulic Functions Required: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> 1. Machine Raise 2. Boom Discharge 3. Elevator 4. Reink </td> <td style="width: 50%; vertical-align: top;"> 5. Valve Bank a. Boom Raise b. Row Finder Override c. Left Steer d. Right Steer </td> </tr> </table>			1. Machine Raise 2. Boom Discharge 3. Elevator 4. Reink	5. Valve Bank a. Boom Raise b. Row Finder Override c. Left Steer d. Right Steer
1. Machine Raise 2. Boom Discharge 3. Elevator 4. Reink	5. Valve Bank a. Boom Raise b. Row Finder Override c. Left Steer d. Right Steer			



SBH-06

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Effective:
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Assembly Packages & Accessories - All Harvesters

Order Number	Description	List Price
1266356	Install Discharge Boom Extension (After Market Labor)	\$941.00
1266357	Install Deflector Hood New	\$207.00
1266359	Removal of Lifter Wheels to accommodate over height shipping - per row	\$131.00
1266780	Remove or Add Rock Struts	\$744.00
1266781	Remove or Add Lifter Wheel Cushion Kit	\$744.00
1266782	Remove or Add Valve Bank	\$918.00
1266783	Remove or Add Grabroll Spring Kit	\$251.00
268910	Grabroll Center Spring Kit (12-Row) Pre 2015	\$1,783.00
268379	Draw Bar Shim/Wear Kit Swivel Hitch 4 Pcs. 3/16, 1/4, 3/8, 1/2	\$136.00
264655	Hammer Strap	\$234.00
268218	LW Hub Assy, Brg. Cups, Inner Cone & Seal Wide Row 7/16" Holes	\$606.00
268364	Coupler 1 1/4" to 1 3/4" LoveJoy (Used on 2200 Series Only)	\$635.00
268369	Wear Slats, Poly (3 Required) Included in Base Unit	\$189.00
1264571	Pintle Hook Hitch Assy	\$667.00
1264654	Heavy Duty Swivel Hitch Assy	\$1,405.00
1268457	Floater Tires 21.5 x 16.1 Tires (Retro fit update only)	\$10,228.00
1268547	Steerable Floater, 4 Strut - Two Way Return to Straight (12 Row)	\$29,664.00
1268122	Steerable, Two Way-Rtn to Straight, Floation Tires 2280 B21.5 X 16.2, 18" Rim	\$26,341.00
1267685	Steerable, HD Two Way-Rtn to Straight - 22" Rows (2200 Original Style)	\$26,517.00
267988	RC80 Scrub Kit Rear Elev. (80Q45T & Chain)	\$323.00
268491	RC80 Rear Elev. Drive Upgrade Kit - Replaces RC60 (16T-36T w/1 3/4")	\$974.00
268492	RC80 Discharge Boom Drive Update Kit - Replaces RC60 (12T - 36T w/1 3/4")	\$658.00
266081	5" Riser Kit - Hopper (910 - 926)	\$1,494.00
264421	5" Riser Kit - Tank (900)	\$1,729.00
268854	13 1/2" Front Panel Boom Extension	\$239.61
268855	13 1/2" Rear Panel Boom Extension	\$239.61
267773	48" x 56mm Belted Chain Bulk Length Per Link	\$26.59
264543	Switch Box 900-910-926	\$1,051.00
268928	Paddle Back Wide-Long	\$33.35
268929	Paddle Back Wide-Long Kits w/Bolts Per Row	\$140.00
266667	H,D. 24' Recap Lug Tire & Wheel	\$1,137.00
268999	Middle Strut (Inner) Weld Std 2" Sq.	\$907.00
269002	Steering Arm 2"	\$223.67
269026	Strut Assy H.D. 3" Sq. w/Steering Arm & Wear Disc (Add Bottom)	\$3,374.00
268762	Upper Strut Weld (Fits 2" or 3" Inner)	\$1,896.00
269009	Middle Strut (Inner) Weld Solid 3" Sq.	\$1,163.00
269122	Steering Arm 3"	\$237.38
269025	Bottom Strut Bored for 3/4"	\$821.00
267322	Wear Disc	\$92.15
997903	3/4" x 6" Eye Bolt	\$25.48
269030	H.D. Wear Slats 1 1/4" x 3"	\$298.00
268369	Wear Slat Std	\$189.00
269195	Stainless Steel Wear Slat (Large Hopper)	\$1,037.00
268449	21.5 - 16.1 14 Ply Traction Lug Tire & Wheel Assy.	\$3,774.00



Valve Bank Requirements on Harvesters

Effective:
October 1, 2021

Tractor Hydraulics and Model 2200	
1	Raise /Lift Harvester
1	Boom Raise
1	Powers the Valve Bank & Rowfinder
1	Tongue Steer/Rowfinder override
1	One way steering
1	2 Way Return to Straight Steering
1	Power Elevator & Boom
7	Functions
8	When Powering Boom Discharge From Tractor

Self Contained	
1	Raise/Lift Harvester
1	Boom Raise
1	Powers the Valve Bank & Rowfinder
1	Tongue Steer/Rowfinder override
1	One way steering
1	2 Way Return to Straight Steering
6	Total Possible Functions

Remember, you need a valve to power the Valve Bank whether you use a Rowfinder or not.

Example: 7 functions of the Tractor powered Hydraulics on a 2900 with a Tractor having 3 Remotes, requires a 4 Bank Valve.

Hydraulic Hose Packages Consist of the following (For reference only)			
	Hose Package/Tractor Driven Hydraulic Systems (2-1/2x16', 2-1/2x12', 1-3/4x16')		Included as standard Equipment
	Hose Package/Self Contained Hydraulic Systems (2-1/2x16', 2-1/2x12')		
(Widths)	2966 (17250#)	2988 (20750#)	
Tongue-Elev.	16'4"	17'10"	
Frame Width	13'6"	17'2"	
Boom Down	15'	18'8"	
Center Boom	10'5" Clearance	10'5" Clearance	
Trans Height	13'	13'	