



SBH-01

## Parma Sugarbeet Harvester

### 2900 Series - Rear Elevator w/4-Ton Hopper

Effective:

September 1, 2024

#### 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 Capability - 30 GPM (6 Row) & 45 GPM (8 Row) and 3000 PSI at the remote**
- 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
<b>Base Unit - Specify Row Spacing on Order</b>		
	Model 29643 Harvester - 4 Row 30" - 6 Grabroll (Rock)	\$156,756.00
1268652	Model 29643 Harvester - 4 Row 30" - 6 Grabroll (Non Rock)	\$150,712.00
	Model 29843 Harvester - 4 Row 30" - 8 Grabroll (Non Rock)	\$151,523.00
1267805	Model 2966 Harvester - 6 Row 19" - 20" Narrow Row Strut (Non-Rock)	\$162,274.00
1267806	Model 2966 Harvester - 6 Row 19" - 20" Narrow Row Cushion Strut (Rock)	\$169,971.00
1267807	Model 2966 Harvester - 6 Row 21" - 24" Wide Row Strut (Non-Rock)	\$162,407.00
1267808	Model 2966 Harvester - 6 Row 21" - 24" Wide Row Cushion Strut (Rock)	\$169,941.00
	Model 29862 Harvester - 6 Row 22" 8 Grabroll Rock	\$181,054.00
	Model 29864 Harvest - 6 Row 24" Wide Row Cushion Strut (Rock)	\$170,321.00
1267809	Model 2986 Harvester - 6 Row 28" - 30" Wide Row Strut (Non-Rock)	\$177,592.00
1267810	Model 2986 Harvester - 6 Row 28" - 30" Wide Row Cushion Strut (Rock)	\$184,467.00
1267811	Model 2988 Harvester - 8 Row 19" - 20" Narrow Row Strut (Non-Rock)	\$188,014.00
1267812	Model 2988 Harvester - 8 Row 19" - 20" Narrow Row Cushion Strut (Rock)	\$197,976.00
1267813	Model 2988 Harvester - 8 Row 21" - 22" Wide Row Strut (Non-Rock)	\$188,014.00
1267814	Model 2988 Harvester - 8 Row 21" - 22" Wide Row Cushion Strut (Rock)	\$197,976.00
1268497	Model 29884 Harvester - 8 Row 24" - 8 Grabroll (Rock)	\$209,124.00
1268701	Model 29683 Harvester - 8 Row 30" - 6 Grabroll (Rock) 24480# w/Top Mount Scrapers	\$230,943.00
<b>Completing Packages - Order one item from each section for a complete harvester</b>		
<b>Rear Wheel Strut Assemblies</b>		
1267825	Steerable, One Way, 19" to 30" Rows, 11.2 x 24 Lug Tires	\$15,757.00
1267826	Steerable, Two Way-Rtn to Straight, 19" to 30" Rows, 11.2 x 24 Lug Tires	\$16,770.00
1268476	Steerable, Two Way-Rtn to Straight, 24" HD Wheels, 22" Rows - 2900	\$19,192.00
1268693	Steerable, Two Way-Rtn to Straight, 24" HD Wheels, 30" Rows - 2900	\$21,302.00
1268423	Steerable, Two Way-Rtn to Straight, Floater 21.5 x 16.1 Tires	\$21,342.00
1268327	Non-Steerable, 19" to 30" Rows, 11.2 x 24 Lug Tires	\$8,354.00



**Parma Sugarbeet Harvester  
2900 Series - Rear Elevator**

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<b>PTO Driveline Assembly</b>		
991097	Standard PTO w/ 1 3/8 - 21 Spline Yoke	\$1,414.00
1991096	Standard PTO w/ 1 3/4 - 20 Spline Yoke	\$1,328.00
1268450	CV PTO w/ 1 3/8 - 21 Spline Yoke	\$2,630.00
1268451	CV PTO w/ 1 3/4 - 20 Spline Yoke	\$2,612.00
<b>Optional Equipment</b>		
<b>Self Contained Hydraulic Kit</b>		
1267828	Self Contained Hydraulic Kit (2960 Series) - Instead of Standard	\$9,798.00
1267828	Self Contained Hydraulic Kit (2980 Series) - Instead of Standard	\$9,798.00
<b>Control Valves - Order as needed to match hydraulic needs.</b>		
1265725	2-Bank Electric Solenoid Control Valve	\$5,604.00
1265726	3-Bank Electric Solenoid Control Valve	\$7,378.00
1265727	4-Bank Electric Solenoid Control Valve	\$9,663.00
269029	4-Bank Valve Closed Center - Non Convertible, Non Stackable.	\$5,604.00
<b>Added Options - Order as Needed</b>		
1268278	Rowfinder, Breakaway - Includes Cyl, Hoses, and Fittings (Includes Installation)	\$4,506.00
1267149	Tongue Cylinder Kit - Includes Cylinder and Hoses (Not needed with Rowfinder)	\$773.00
1266567	Lifter Wheel Spacer Kit - Order 1 Kit per Row 6 = \$462 8 = \$616	\$77.00
266348	Spacer 1/4" For Scraper (Bottom Mount) 6 = \$54 8 = \$72	\$9.00
1267831	Mud Flap Kit for Grabrolls (Model 2960 Series)	\$1,310.00
1267832	Mud Flap Kit for Grabrolls (Model 2986)	\$1,358.00
1267753	Mud Flap Kit for Grabrolls (Model 2988)	\$1,430.00
1266473	Ladder and Platform (Model 2960 Series)	\$2,615.00
1266516	Ladder and Platform (Model 2980 Series)	\$2,645.00
268371	Boom Extension 24" 48" Wide (Standard on 8-Row)	\$2,392.00
1282210	SMV Sign Assembly	\$57.00
268351	Front Jack Stand, Pair - Order One Per Harvester	\$1,036.00
266986	Wide Row Lifter Wheel Scrapers Top Mount 6 = \$3288 8 = \$4384 [Per Row]	\$548.00
267221	Wide Row Lifter Wheel Scrapers-Bottom Mount (Inc'd in Base Price) Per Row	\$186.00
269319	Double Belted Chain 48 x 56 for Hopper 223 Ttl Links (8 Row)	\$11,985.00
	See Installation Package Sheet #SBH-06 for assembling options	
<b>Fafnir Bearing Upgrade: (Less Grabroll Bearings)</b>		
1268861	Fafnir Bearing Upgrade (Model 2960)	\$7,561.00
1268862	Fafnir Bearing Upgrade (Model 2980)	\$9,766.00
<b>Rowfinder</b>		
Strut Mounted:		
998408	Rowfinder w/Cylinder, Hoses & Mounting Bracket	\$4,096.00
998200	Rowfinder w/Mounting Bracket	\$3,822.00
Breakaway Mounted:		
266464	Rowfinder w/Cylinder, Hoses & Mounting Bracket	\$4,405.00
266412	Rowfinder w/Mounting Bracket	\$3,656.00
267977	Breakaway Mount	\$474.00



SBH-03

## Parma Sugarbeet Harvester

Effective:

September 1, 2024

### 2200 Series - Wheel Lift

#### 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
<b>Base Unit - Specify Row Spacing on Order</b>		
1267815	Model 2266 Wheel Lift Harvester - 6 row 19" - 20" Narrow Row Strut (Non-Rock)	\$189,738.00
1267816	Model 2266 Wheel Lift Harvester - 6 row 19" - 20" Narrow Row Strut (Rock)	\$194,094.00
1267817	Model 2266 Wheel Lift Harvester - 6 row 21" - 24" Wide Row Strut (Non-Rock)	\$189,738.00
1267818	Model 2266 Wheel Lift Harvester - 6 row 21" - 24" Wide Row Strut (Rock)	\$194,094.00
1267819	Model 2286 Wheel Lift Harvester - 6 row 28" - 30" Wide Row Strut (Non-Rock)	\$198,873.00
1267820	Model 2286 Wheel Lift Harvester - 6 row 28" - 30" Wide Row Strut (Rock)	\$213,493.00
1267821	Model 2288 Wheel Lift Harvester - 8 row 19" - 20" Narrow Row Strut (Non-Rock)	\$216,800.00
1267822	Model 2288 Wheel Lift Harvester - 8 row 19" - 20" Narrow Row Strut (Rock)	\$226,469.00
1267823	Model 2288 Wheel Lift Harvester - 8 row 22" Wide Row Strut (Non-Rock)	\$195,767.00
1267824	Model 2288 Wheel Lift Harvester - 8 row 22" Wide Row Strut (Rock)	\$227,280.00
<b>Completing Packages - Order one item from each section for a complete harvester</b>		
<b>Rear Wheel Strut Assemblies</b>		
1268951	Steerable, Two Way-Rtn to Straight, Floatation Tires 2260	\$26,428.00
<b>PTO Driveline Assembly</b>		
991097	Standard PTO w/ 1 3/8 - 21 Spline Yoke	\$1,414.00
1991096	Standard PTO w/ 1 3/4 - 20 Spline Yoke	\$1,328.00
1268450	CV PTO w/ 1 3/8 - 21 Spline Yoke	\$2,630.00
1268451	CV PTO w/ 1 3/4 - 20 Spline Yoke	\$2,612.00
<b>Fafnir Bearing Upgrade (Less Grabroll Bearings)</b>		
1268863	Fafnir Bearing (Model 2260)	\$8,136.00
1268864	Fafnir Bearing (Model 2280)	\$9,012.00

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"



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## Parma Sugarbeet Harvester

Effective:

### 2200 Series - Wheel Lift

September 1, 2024

#### Optional Equipment

##### Control Valves - Order as needed to match hydraulic needs.

1265725	2-Bank Electric Solenoid Control Valve	\$5,604.00
1265726	3-Bank Electric Solenoid Control Valve	\$7,378.00
1265727	4-Bank Electric Solenoid Control Valve	\$9,663.00
269029	4-Bank Valve Closed Center - Non Convertible, Non Stackable	\$5,604.00

##### Added Options - Order as Needed

1268278	Rowfinder, Breakaway - Includes Cyl, Hoses, and Fittings (Includes Installation)	\$4,506.00
1267149	Tongue Cylinder Kit - Includes Cylinder and Hoses (Not needed with Rowfinder)	\$773.00
1266567	Lifter Wheel Spacer Kit - order 1 kit per row	\$77.00
266986	Wide Row Lifter Wheel Scrapers Top Mount Per Row	\$548.00
1267831	Mud Flap Kit for Grabrolls (Model 2266)	\$1,310.00
1267832	Mud Flap Kit for Grabrolls (Model 2286, 6-Row)	\$1,358.00
1267753	Mud Flap Kit for Grabrolls (Model 2288, 8-Row)	\$1,430.00
1282210	SMV Sign Assembly	\$57.00
268371	Boom Extension Kit 24" for 6-Row (Std on 8-row)	\$2,392.00
268351	Front Jack Stands, Pair - Order One Per Harvester	\$1,036.00
	See Installation Package Sheet #SBH-06 for assembling options	



SBH-05

## Parma Sugarbeet Harvester 12 Row 22" Double Elevator

Effective:  
September 1, 2024

### 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	\$312,362.00
1269197	Model 12228D Harvester 12 Row 22" Non Rock, Non Reink	\$292,176.00
<b>Completing Packages - Order one item from each section for a complete harvester</b>		
<b>Rear Wheel Strut Assemblies</b>		
1268761	Steerable, Two Way-Rtn to Straight, 4 Floater 21.5 x 16.1 Tires (2 HD Struts)	\$28,187.00
<b>PTO Driveline Assembly</b>		
1991096	Standard PTO w/ 1 3/4 - 20 Spline Yoke	\$1,328.00
1268451	CV PTO w/ 1 3/4 - 20 Spline Yoke	\$2,612.00
<b>Optional Equipment</b>		
<b>Added Options - Order as Needed</b>		
1268278	Rowfinder, Breakaway - Includes Cyl, Hoses & Fittings - Includes Installation	\$4,506.00
1267149	Tongue Cylinder Kit - Includes Cylinder and Hoses (Not needed with Rowfinder)	\$773.00
1266567	Lifter Wheel Spacer Kit - order 1 kit per row 12= \$948.00	\$77.00
268371	Boom Extension 24" x 48" Wide (In Base Unit)	\$2,392.00
1282210	SMV Sign Assembly	\$57.00
	Self-Contained Hydraulic Kit (Must Order w/Harvester)	\$15,038.00
268795	Draw Bar Shim Kit CAT IV 2 1/8" Bore	\$98.00
269279	Reink Shaft Assembly	\$4,948.00
269284	Belted Chain Spacer	\$694.00
269178	Belted Chain Discharge 48" x 56 mm	\$6,998.00
268261	12 Tooth Sprocket 1 3/4" Bore 56 mm	\$301.45
269320	2 x 12 Tooth Sprocket 1 3/8" Bore 56 mm	\$421.00
269321	Double Belted Chain 48" x 56 mm Discharge w/ std up link (294 Ttl links)	\$12,300.00
269321RL	Double Belted Chain 48" x 56 mm Discharge, w/ XL raised link (294 Ttl Links)	\$14,666.00

Weight: 32560#

Height: 13'6"

Tongue & Mount Removed: 13'8" Wide Load

**Allow 5 Hours Reassembly Time**

**Note:** Hydraulic Functions Required:

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Machine Raise</li> <li>2. Boom Discharge</li> <li>3. Elevator</li> <li>4. Reink</li> </ol> | <ol style="list-style-type: none"> <li>5. Valve Bank               <ol style="list-style-type: none"> <li>a. Boom Raise</li> <li>b. Row Finder Override</li> <li>c. Left Steer</li> <li>d. Right Steer</li> </ol> </li> </ol> |
|--|---|



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## Parma Sugarbeet Harvester

Effective:  
September 1, 2024

### Assembly Packages & Accessories - All Harvesters

Order Number	Description	List Price
1266356	Install Discharge Boom Extension (After Market Labor)	\$1,198.00
1266357	Install Deflector Hood New	\$264.00
1266359	Removal of Lifter Wheels to accommodate over height shipping - per row	\$167.00
1266780	Remove or Add Rock Struts	\$947.00
1266781	Remove or Add Lifter Wheel Cushion Kit	\$947.00
1266782	Remove or Add Valve Bank	\$1,168.00
1266783	Remove or Add Grabroll Spring Kit	\$320.00
268910	Grabroll Center Spring Kit (12-Row) Pre 2015	\$1,820.00
268379	Draw Bar Shim/Wear Kit Swivel Hitch 4 Pcs. 3/16, 1/4, 3/8, 1/2	\$85.00
264655	Hammer Strap	\$289.00
268218	LW Hub Assy, Brg. Cups, Inner Cone & Seal Wide Row 7/16" Holes	\$680.00
268364	Coupler 1 1/4" to 1 3/4" LoveJoy (Used on 2200 Series Only)	\$665.00
268369	Wear Slats, Poly (3 Required) Included in Base Unit	\$241.55
1264571	Pintle Hook Hitch Assy	\$965.00
1264654	Heavy Duty Swivel Hitch Assy	\$2,185.00
1268457	Floater Tires 21.5 x 16.1 Tires (Retro fit update only)	\$13,018.00
1268547	Steerable Floater, 4 Strut - Two Way Return to Straight (12 Row)	\$37,445.00
1268122	Steerable, Two Way-Rtn to Straight, Floatation Tires 2280 B21.5 X 16.2, 18" Rim	\$33,526.00
1267685	Steerable, HD Two Way-Rtn to Straight - 22" Rows (2200 Original Style)	\$33,749.00
267988	RC80 Scrub Kit Rear Elev. (80Q45T & Chain)	\$375.00
268491	RC80 Rear Elev. Drive Upgrade Kit - Replaces RC60 (16T-36T w/1 3/4")	\$1,155.00
268492	RC80 Discharge Boom Drive Update Kit - Replaces RC60 (12T - 36T w/1 3/4")	\$815.00
266081	5" Riser Kit - Hopper (910 - 926)	\$2,013.00
264421	5" Riser Kit - Tank (900)	\$2,330.00
268854	13 1/2" Front Panel Boom Extension	\$323.00
268855	13 1/2" Rear Panel Boom Extension	\$323.00
267773	48" x 56mm Belted Chain Bulk Length Per Link	\$21.92
264543	Switch Box 900-910-926	\$1,629.00
268928	Paddle Back Wide-Long	\$22.95
268929	Paddle Back Wide-Long Kits w/Bolts Per Row	\$95.00
266667	H.D. 24' Recap Lug Tire & Wheel	\$1,446.00
268999	Middle Strut (Inner) Weld Std 2" Sq.	\$1,223.00
269002	Steering Arm 2"	\$290.55
269026	Strut Assy H.D. 3" Sq. w/Steering Arm & Wear Disc (Add Bottom)	\$4,750.00
268762	Upper Strut Weld (Fits 2" or 3" Inner)	\$2,556.00
269009	Middle Strut (Inner) Weld Solid 3" Sq.	\$2,247.00
269122	Steering Arm 3"	\$319.90
269025	Bottom Strut Bored for 3/4"	\$1,129.50
267322	Wear Disc	\$166.40
997903	3/4" x 6" Eye Bolt	\$32.62
269030	H.D. Wear Slats 1 1/4" x 3"	\$279.00
268369	Wear Slat Std	\$241.55
269195	Stainless Steel Wear Slat (Large Hopper)	\$1,641.65
268449	21.5 - 16.1 14 Ply Traction Lug Tire & Wheel Assy.	\$4,659.00



## Valve Bank Requirements on Harvesters

Effective:  
September 1, 2024

### 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'