



SBD-01

## Parma Sugarbeet Defoliator - Triple Drum

Effective:

### 100 Series

October 1, 2016

#### Standard Equipment

Steel Cup Flails on Front Drums (Full Coverage on #1 Rotor)	Easy Height Adjustment
Rubber Flails on 2nd and 3rd Drums	15" or 24" Rear Wheels (Steerable or Non-Steer)
Optional Replaceable Rotor Shafts	Drawbar Adjustment, 3-1/2x10 cylinder
Heavy Duty Gearbox and Drives	Convenient Parking Stands
All Banded V-Belt Drives	Removable Large Vinyl Top Cover
	Caution Light Kit
	HMW Defoliator Liner Shield Over Steel

Order Number	Description	List Price
<b>Base Unit</b>		
1282520	Model 132 (4-30) Defoliator with "Cup" Flails & Solid Rotor Shafts	\$34,101.00
1282348	Model 132 (6-22) Defoliator with "Cup" Flails & Solid Rotor Shafts	34,849.00
1282349	Model 132 (6-22) Defoliator with "Cup" Flails & Replaceable Rotor Shafts	38,235.00
1282260	Model 144 (6-24) Defoliator with "Cup" Flails & Solid Rotor Shafts	36,166.00
1282259	Model 144 (6-24) Defoliator with "Cup" Flails & Replaceable Rotor Shafts	39,204.00
1282227	Model 180 (8-22) Defoliator with "Cup" Flails & Solid Rotor Shafts	45,046.00
1282240	Model 180 (8-22) Defoliator with "Cup" Flails & Replaceable Rotor Shafts	49,329.00
1282256	Model 180 (6-30) Defoliator with "Cup" Flails & Solid Rotor Shafts	43,966.00
1282255	Model 180 (6-30) Defoliator with "Cup" Flails & Replaceable Rotor Shafts	49,546.00
1282534	Model 194 (8-24) Defoliator with "Cup" Flails & Solid Rotor Shafts	50,114.00
<b>Completing Packages - Order one item from each section for a complete defoliator</b>		
<b>Rear Wheel Strut Assemblies: (Steerable are Return to Straight)</b>		
1282187	24"Non-Steerable, 22"-30" Rows ** (Height Adjustable, Two Struts)	5,473.00
1282099	24" Steerable, 22-30" Rows Rtn to Str** (Height Adjustable, Two Struts)	9,684.00
1282524	24" Steerable 4-30" Rows Rtn to Str (Height Adjustable, Two Struts)	9,684.00
1282099	24" Steerable 8-24" Rows Rtn to Str (Height Adjustable, Two Struts)	9,684.00

\*\* Offset Struts Not Available for 24" Rear Wheels



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**PTO Driveline Assembly**

1990809	Standard PTO w/ 1-3/8 21-Spline Yoke	925.00
1991060	Standard PTO w/ 1-3/4 20-Spline Yoke	925.00
1281372	CV PTO w/ 1-3/8 21-Spline Yoke	1,264.00
1991061	CV PTO w/ 1-3/4 20-Spline Yoke	1,264.00

**Optional Equipment**


**Scalper Options - Must Order Tool Bar Assembly and Head Assembly Group**

1282532	Scalper Tool Bar Assembly, Model 132 4-30" (Used with 24" Wheels)	1,781.00
1282352	Scalper Tool Bar Assembly, Model 132 (Used with 24" Rear Wheels)	1,781.00
1282269	Scalper Tool Bar Assembly, Model 144 (Used with 24" Rear Wheels)	1,794.00
1282271	Scalper Tool Bar Assembly, Model 180 (Used with 24" Rear Wheels)	2,144.00
1282559	Scalper Tool Bar Assembly, Model 194 8-24" (Used with 24" Wheels)	2,310.00
1282273	Head Assembly Group, Ground Driven Scalper (8-Row)	6,000.00
1282274	Head Assembly Group, Ground Driven Scalper (6-Row)	4,500.00
1282277	Head Assembly Group, Hydraulic Scalper (8-row)	11,296.00
1282278	Head Assembly Group, Hydraulic Scalper (6-Row)	8,471.00
1282275	Knife Scalper Assembly Group (8-Row)	4,704.00
1282276	Knife Scalper Assembly Group (6-Row)	3,531.00

**Other Options**

1281885	Rubber Flail Addition Kit for #2 & #3 Rotors (per Row/Rotor Add-on)	93.00
1281999	Hitch Extension Kit (RRV To Position Tongue Higher or Lower)	222.00
1282210	SMV Emblem Assembly	37.00

See Assembly Package Sheet SBD-05 for factory assembling options



SBD-03

**Parma Sugarbeet Defoliator - Triple Drum  
200 Series**

Effective:  
October 1, 2016

**Standard Equipment**

- |   |  |
|---|--|
| Steel Cup Flails on Front Drums                         | Easy Height Adjustment                   |
| Rubber Flails on 2nd and 3rd Drums                      | Drawbar Adjustment - 3 1/2 x 10 cylinder |
| Heavy Duty Gearbox and Drives                           | Convenient Parking Jack Stand            |
| All Banded V-Belt Drives                                | Removable Large Vinyl Top Cover          |
| Steerable or Non-Steerable Wheel Struts                 | Caution Light Kit                        |
| <b>Tractor Requirements: 200HP Min. &amp; 4 Remotes</b> | HMW Defoliator Liner Shield Over Steel   |

Order Number	Description	Wt 13200	List Price
<b>Base Unit</b>			
	Model 240 (8-30) Defoliator with "Cup" Flails & Solid Rotor Shafts		50,597.00
1282188	Model 264 (12-22) Defoliator with "Cup" Flails & Solid Rotor Shafts		52,938.00
1282172	Model 264 (12-22) Defoliator with "Cup" Flails & Replaceable Rotor Shafts		58,343.00
1282609	Model 264 (12-22) Defoliator Over Row "Cup" Flails & Solid Rotor Shafts		50,965.00
1282625	Model 288 (12-24) Defoliator with "Cup" Flails & Solid Rotor Shafts		57,666.00
<b>Completing Packages - Order one item from each section for a complete defoliator</b>			
<b>Rear Wheel Strut Assemblies (Steerable are Return to Straight)</b>			
1282187	24" Non-Steerable, 22" Rows (Height Adjustable, Two Struts)		5,473.00
1282484	24" Non-Steerable, 44" Wide Bottom (22" Rows) (Height Adjustable, Two Struts)		6,097.00
1282099	24" Steerable, 22" Rows (Height Adjustable, Two Struts)		9,684.00
	24" Steerable 8-30" (Height Adjustable, Two Struts)		9,999.00
<b>PTO Driveline Assembly</b>			
1282946	Standard PTO w/ 1-3/4 20-Spline Yoke		995.00
1282344	Standard PTO w/ 1-3/8 21-Spline Yoke		995.00
1282510	CV PTO w/ 1-3/4 20-Spline Yoke		1,956.00
1282511	CV PTO w/ 1-3/8 21-Spline Yoke		1,956.00
Order the Following Longer Drivelines when ordering the Heavy Duty Swing type Tongue.			
1991096	Standard PTO w/ 1-3/4 20-Spline Yoke		995.00
1268451	CV PTO w/ 1-3/4 20-Spline Yoke		1,956.00
<b>Optional Equipment</b>			
<b>Scalper Options - Must Order Tool Bar Assembly and Head Assembly Group</b>			
	Scalper Tool Bar Assembly For 24" Rear Wheels (8 Row 30")		3,224.00
1282176	Scalper Tool Bar Assembly For 24" Rear Wheels (12 Row 22")		3,357.00
	Scalper Tool Bar Assembly For 24" Wheels (12 Row 24")		3,515.00
1282273	Head Assembly Group, Ground Driven Scalper 8 Row		6,000.00
1282175	Head Assembly Group, Ground Driven Scalper 12 Row		9,000.00
1282136	Head Assembly Group, Hydraulic Scalper 12 Row		16,511.00
1282181	Knife Scalper Assembly Group 12 Row		7,024.00

See next page for other options.



**Parma Sugarbeet Defoliator - Triple Drum  
200 Series**

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**Other Options**

1282479	Heavy Duty Swing Tongue (tongue cyl. not incl'd) <b>Add-on</b>	3,372.00
1267149	Tongue Cylinder Kit - Includes 3 1/2 x 8 Cyl., Hoses & Tips	491.00
1281864	Front Stabilizer Wheels - Adjustable with Screw Jack (Must be used in conjunction with front lift cylinder)	1,936.00
1281709	Front Stabilizer Wheels w/ Hydraulic Cylinder (Must be used in conjunction with Scalper Hydraulic Lift.)	2,476.00
1282485	Extra Rubber Flail Kit #2 Rotor (2nd Drum same as 3rd) (per Row/Rotor Add-on)	45.00
1281999	Hitch Extension Kit (RRV to Position Tongue Higher or Lower)	222.00
1282210	SMV Emblem Assembly	37.00
282514	Center Strut, 24" non STR on 44" spacing (Includes wheels, tires, hubs and spindles)	4,051.00

See Assembly Package Sheet SBD-05 for factory assembling options



**Parma Folding Defoliator  
All Hydraulic Drive**

SBD-05  
Effective:  
October 1, 2016

**280 F Series Triple Drum**

Standard Equipment

Hydraulic Pump w/Driveline	4-Steerable Lift Struts Center & Wings
Hydraulic Reservoir & Cooler	Front Stabilizer Wheels
-Hydraulic Oil 180 Gal.	Ground Driven Disc Scalpers
Hydraulic Drive each Drum	Dual Tongue Lift 3 1/2" x 12" Cylinder
Steel Cup Flails Front Drum	Hydraulic Hoses w/Tips to Tractor
Rubber Flails 2nd & 3rd Drum	Valve Bank w/in-Cab Switch Box
Removeable Vinyl Cover	-Steerable Tongue
Caution Lights & SMV Emblem	-Rear Height Adjustment
Parking Stands	-Wing Fold
Cat. IV Swivel Hitch w/Spacers	PTO Driveline 1 3/4-20 CV x 2 1/4 Imp (282742)

Order Number	Description	Wt 23700	List Price
1282964	Model 280F 12-22 Folding Defoliator Complete		\$151,540.00

Transport Width 13' 6"  
 Height 14' 4" Raised Folded  
 Weight 23680#  
 Recommended HP 300





**Parma Sugarbeet Defoliator  
Assembly Packages - All Defoliators**

Effective:  
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These prices are the charges for assembly by Parma Company of options and attachments.  
The dealer service department is responsible for pre-delivery and field adjustments.

Order Number	Description	List Price
<b>Scalper Assembly</b>		
1281643	Mounted on Defoliator (Knife Scalper and Unpowered Disk) - per Row	\$62.00
1281644	Mounted on Defoliator (Hydraulic Scalper) - per Row	\$120.00
<b>Hydraulic Hose Packages</b>		
- Includes One 1/2 " Hose from Implement to Tractor with Ends, and one 8010-4 Pioneer Coupler.		
1281652	8' Hydraulic Hose Package	\$92.00
1281653	10' Hydraulic Hose Package	\$98.00
1281654	12' Hydraulic Hose Assembly	\$112.00
- Order 4 each when ordering a standard defoliator - Order 8 each when ordering a defoliator with a 2-way Return to Straight option		

**Shipping Dimensions:**

Front to Rear w/Tongue and Scalper Removed    15' 2"  
w/Tongue Removed and Scalper Mounted        19' 3"

Front to Rear w/Tongue & Struts Removed (Frame Only) 11' 10"  
Overall Length w/Tongue Removed Scalper Mounted 23' 3"

Side to Side

Model 132	13' 2"	7100#
Model 144	14' 2"	8360#
Model 180	17' 2"	9100#
Model 264	24'	13200#

Weight of the Model 264 with 24" Steerable Struts and Ground Driven Scalpers = 13,200 lbs.



SBD-07

## Flail Cluster Information

Effective  
October 1, 2016

### 132 Model Defoliator

Order No.	Description	Quantity
<b>281789 Front steel Cup Rotor Asm (Full Coverage)</b>		
282199	7-1/2 Steel Cup Flails - 5/16"	67
281785	Bushing, Hardened - 10-3/4"	34
281788	Long Pipe Spacer - 3-5/16"	57
281977	Short Pipe Spacer - 1-11/16"	22
281786	5/8x13 Hex Bolt w/Locknut	34
281722	8" Half Clamp	24
281966	Rotor Weldment	1
<b>281581 Center Rubber Cluster</b>		
280520	Rubber Flail	12
990588	2: Spacer	12
281558	Flail Pin	4
281477	6" Half Clamp	4
<b>281885 (Optional) Flail Addition Kit Center Rubber</b>		
281520	Rubber Flail	8
281560	Extended Flail Pin	2
<b>282641 Rear Rubber Cluster</b>		
281520	Rubber Flail	22
281558	Flail Pin	4
281477	6" Half Clamp	4
281574	1" Spacer	4
<b>281885 (Optional) Flail Addition Kit Rear Rubber</b>		
281520	Flail Pin	8
281560	Extended Flail Pin	2
<b>281963 Front L Knife Rotor Asm (Full Coverage)</b>		
281569	L-Knife Flail	72
	5/8x3-1/2 Gr8 Hex Bolt w/Locknut	36
281965	Rotor Weldment	1
<b>281581 Center Rubber Cluster (Same As Above)</b>		
<b>281885 (Optional) Flail Addition Kit Center Rubber (Same As Above)</b>		
<b>282641 Rear Rubber Cluster (Same As Above)</b>		
<b>281885 (Optional) Flail Addition Kit Rear Rubber (Same As Above)</b>		





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Effective:  
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## Flail Cluster Information

### 144 Model Defoliator

Order No.	Description	Quantity
<b>Front steel Cup Rotor Asm (Full Coverage)</b>		
282199	7-1/2 Steel Cup Flails - 5/16"	96
281785	Bushing, Hardened - 10-3/4"	24
282083	Pipe Spacer - 5/8"	96
281786	5/8x13 Hex Bolt w/Locknut	24
281722	8" Half Clamp	26
	One Piece Front Rotor Drum	

### Front L Knife Rotor Asm (Full Coverage)

281569	L-Knife Flail	84
	5/8x3-1/2 Gr8 Hex Bolt w/Locknut	42
281965	One Piece Front Rotor Drum	

### 180 Model Defoliator

Order No.	Description	Quantity
<b>Front steel Cup Rotor Asm (Full Coverage)</b>		
282199	7-1/2 Steel Cup Flails - 5/16"	120
281785	Bushing, Hardened - 10-3/4"	28
282084	Bushing, Hardened - 5-3/8"	4
281786	5/8x13 Hex Bolt w/Locknut	28
282085	5/8x7-1/2 Hex Bolt w/Locknut	4
282086	8/5x12-1/4 Hex Bolt w/Locknut	4
281722	8" Half Clamp	36
	Split Front Rotor Drums	

### 281581 Center Rubber Cluster

280520	Rubber Flail	12
990588	2: Spacer	12
281558	Flail Pin	4
281477	6" Half Clamp	4

### 281885 (Optional) Flail Addition Kit Center Rubber

281520	Flail Pin	8
281560	Extended Flail Pin	2

### 282641 Rear Rubber Cluster

281520	Rubber Flail	22
281558	Flail Pin	4
281477	6" Half Clamp	4
281574	1" Spacer	4

### 281885 (Optional) Flail Addition Kit Rear Rubber (Same as Center Above)

### Front L Knife Rotor Asm (Full Coverage)

281569	L-Knife Flail	96
	5/8x3-1/2 Gr8 Hex Bolt w/Locknut	48
(See Optional Center and Rear Kits Above)		



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Effective:  
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## Flail Cluster Information

### 264 Model Defoliator

Order No.	Description	Quantity
<b>Front steel Cup Rotor Asm (Full Coverage)</b>		
282199	7-1/2 Steel Cup Flails - 5/16"	184
281785	Bushing, Hardened - 10-3/4"	44
282084	Bushing, Hardened - 5-3/8"	4
282083	Pipe Spacer - 5/8"	184
281786	5/8x13 Hex Bolt w/Locknut	44
282085	5/8x7-1/2 Hex Bolt w/Locknut	4
282086	5/8x12-1/4 Hex Bolt w/Locknut	4
281722	8" Half Clamp	52
281860	Rotor Weldment, RH	1
281859	Rotor Weldment, LH	1
<b>281581 Center Rubber Cluster</b>		
280520	Rubber Flail	12
990588	2: Spacer	12
281558	Flail Pin	4
281477	6" Half Clamp	4
<b>281885 (Optional) Flail Addition Kit Center Rubber</b>		
281520	Flail Pin	8
281560	Extended Flail Pin	2
<b>282641 Rear Rubber Cluster</b>		
281520	Rubber Flail	22
281558	Flail Pin	4
281477	6" Half Clamp	4
281574	1" Spacer	4
<b>281885 (Optional) Flail Addition Kit Rear Rubber</b>		
281520	Flail Pin	8
281560	Extended Flail Pin	2
<b>Front L Knife Rotor Asm (Full Coverage)</b>		
281569	L-Knife Flail	96
	5/8x3-1/2 Gr8 Hex Bolt w/Locknut	48
(See Optional Center and Rear Kits Above)		



**144" Defoliator w/24" Tires & G.D. Scalpers**

Weight	8360#
Overall width at guards:	14'2"
Frame depth front to rear:	11'7"
Frame depth to rear of 24" tires:	15'2"
Frame depth to rear of G.D. Scalpers up:	16'8"
Tongue:	4'4"

**264" Defoliator w/24" Tires & G.D. Scalpers**

Weight	13200#
Overall width at guards:	24'6"
Frame depth front to rear:	11'7"
Frame depth to rear of 24" tires:	15'2"
Frame depth to rear of G.D. Scalpers up:	16'8"