



SBD-01

## Parma Sugarbeet Defoliator - Triple Drum

Effective:

### 100 Series Standard Equipment

October 1, 2018

|  |   |
|--|---|
| Steel Cup Flails on Front Drums<br>(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                 |
| Tractor Requirements:<br>90 HP Min. w/4 Remotes                | 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       | 34,975.00  |
| 1282348   | Model 132 (6-22) Defoliator with "Cup" Flails & Solid Rotor Shafts       | 35,743.00  |
| 1282349   | Model 132 (6-22) Defoliator with "Cup" Flails & Replaceable Rotor Shafts | 39,215.00  |
| 1282260   | Model 144 (6-24) Defoliator with "Cup" Flails & Solid Rotor Shafts       | 37,093.00  |
| 1282259   | Model 144 (6-24) Defoliator with "Cup" Flails & Replaceable Rotor Shafts | 40,209.00  |
| 1282227   | Model 180 (8-22) Defoliator with "Cup" Flails & Solid Rotor Shafts       | 46,201.00  |
| 1282240   | Model 180 (8-22) Defoliator with "Cup" Flails & Replaceable Rotor Shafts | 50,594.00  |
| 1282256   | Model 180 (6-30) Defoliator with "Cup" Flails & Solid Rotor Shafts       | 45,093.00  |
| 1282255   | Model 180 (6-30) Defoliator with "Cup" Flails & Replaceable Rotor Shafts | 50,816.00  |
| 1282534   | Model 194 (8-24) Defoliator with "Cup" Flails & Solid Rotor Shafts       | 51,399.00  |
| <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)       | 5,613.00   |
| 1282099   | 24" Steerable, 22-30" Rows Rtn to Str** (Height Adjustable, Two Struts)  | 9,932.00   |
| 1282524   | 24" Steerable 4-30" Rows Rtn to Str (Height Adjustable, Two Struts)      | 9,932.00   |
| 1282099   | 24" Steerable 8-24" Rows Rtn to Str (Height Adjustable, Two Struts)      | 9,932.00   |

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



SBD-02

**Parma Sugarbeet Defoliator - Triple Drum**

Effective:

**100 Series**

October 1, 2018

**PTO Driveline Assembly**

|         |                                      |          |
|---------|--------------------------------------|----------|
| 1990809 | Standard PTO w/ 1-3/8 21-Spline Yoke | 949.00   |
| 1991060 | Standard PTO w/ 1-3/4 20-Spline Yoke | 949.00   |
| 1281372 | CV PTO w/ 1-3/8 21-Spline Yoke       | 1,296.00 |
| 1991061 | CV PTO w/ 1-3/4 20-Spline Yoke       | 1,296.00 |

**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) | 1,827.00  |
| 1282352 | Scalper Tool Bar Assembly, Model 132 (Used with 24" Rear Wheels)  | 1,827.00  |
| 1282269 | Scalper Tool Bar Assembly, Model 144 (Used with 24" Rear Wheels)  | 1,840.00  |
| 1282271 | Scalper Tool Bar Assembly, Model 180 (Used with 24" Rear Wheels)  | 2,199.00  |
| 1282559 | Scalper Tool Bar Assembly, Model 194 8-24" (Used with 24" Wheels) | 2,369.00  |
| 1282273 | Head Assembly Group, Ground Driven Scalper (8-Row)                | 6,154.00  |
| 1282274 | Head Assembly Group, Ground Driven Scalper (6-Row)                | 4,615.00  |
| 1282277 | Head Assembly Group, Hydraulic Scalper (8-row)                    | 11,586.00 |
| 1282278 | Head Assembly Group, Hydraulic Scalper (6-Row)                    | 8,688.00  |
| 1282275 | Knife Scalper Assembly Group (8-Row)                              | 4,825.00  |
| 1282276 | Knife Scalper Assembly Group (6-Row)                              | 3,622.00  |

**Other Options**

|         |   |        |
|---------|---|--------|
| 1281885 | Rubber Flail Addition Kit for #2 & #3 Rotors (per Row/Rotor Add-on) | 95.00  |
| 1281999 | Hitch Extension Kit (RRV To Position Tongue Higher or Lower)        | 228.00 |
| 1282210 | SMV Emblem Assembly   | 38.00  |

See Assembly Package Sheet SBD-06 for factory assembling options



SBD-03

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

Effective:  
October 1, 2018

**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            |          | 51,894.00  |
| 1282188   | Model 264 (12-22) Defoliator with "Cup" Flails & Solid Rotor Shafts           |          | 54,295.00  |
| 1282172   | Model 264 (12-22) Defoliator with "Cup" Flails & Replaceable Rotor Shafts     |          | 59,839.00  |
| 1282609   | Model 264 (12-22) Defoliator Over Row "Cup" Flails & Solid Rotor Shafts       |          | 52,272.00  |
| 1282625   | Model 288 (12-24) Defoliator with "Cup" Flails & Solid Rotor Shafts           |          | 59,145.00  |
| <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)                   |          | 5,613.00   |
| 1282484   | 24" Non-Steerable, 44" Wide Bottom (22" Rows) (Height Adjustable, Two Struts) |          | 6,253.00   |
| 1282099   | 24" Steerable, 22" Rows (Height Adjustable, Two Struts)                       |          | 9,932.00   |
|   | 24" Steerable 8-30" (Height Adjustable, Two Struts)                           |          | 10,255.00  |
| <b>PTO Driveline Assembly</b>   |   |          |            |
| 1282946   | Standard PTO w/ 1-3/4 20-Spline Yoke  |          | 1,021.00   |
| 1282344   | Standard PTO w/ 1-3/8 21-Spline Yoke  |          | 1,021.00   |
| 1282510   | CV PTO w/ 1-3/4 20-Spline Yoke  |          | 2,006.00   |
| 1282511   | CV PTO w/ 1-3/8 21-Spline Yoke  |          | 2,006.00   |
| Order the Following Longer Drivelines when ordering the Heavy Duty Swing type Tongue.   |   |          |            |
| 1991096   | Standard PTO w/ 1-3/4 20-Spline Yoke  |          | 1,021.00   |
| 1268451   | CV PTO w/ 1-3/4 20-Spline Yoke  |          | 2,006.00   |
| <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")                     |          | 3,307.00   |
| 1282176   | Scalper Tool Bar Assembly For 24" Rear Wheels (12 Row 22")                    |          | 3,443.00   |
|   | Scalper Tool Bar Assembly For 24" Wheels (12 Row 24")                         |          | 3,605.00   |
| 1282273   | Head Assembly Group, Ground Driven Scalper 8 Row                              |          | 6,154.00   |
| 1282175   | Head Assembly Group, Ground Driven Scalper 12 Row                             |          | 9,231.00   |
| 1282136   | Head Assembly Group, Hydraulic Scalper 12 Row                                 |          | 16,934.00  |
| 1282181   | Knife Scalper Assembly Group 12 Row   |          | 7,204.00   |

See next page for other options.



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

SBD-04

Effective:

October 1, 2018

**Other Options**

|         |  |          |
|---------|--|----------|
| 1282479 | Heavy Duty Swing Tongue (tongue cyl. not incl'd) <b>Add-on</b>   | 3,458.00 |
| 1267149 | Tongue Cylinder Kit - Includes 3 1/2 x 8 Cyl., Hoses & Tips  | 504.00   |
| 1281864 | Front Stabilizer Wheels - Adjustable with Screw Jack<br>(Must be used in conjunction with front lift cylinder) | 1,986.00 |
| 1281709 | Front Stabilizer Wheels w/ Hydraulic Cylinder<br>(Must be used in conjunction with Scalper Hydraulic Lift.)    | 2,539.00 |
| 1282485 | Extra Rubber Flail Kit #2 Rotor (2nd Drum same as 3rd) (per Row/Rotor Add-on)                                  | 46.00    |
| 1281999 | Hitch Extension Kit (RRV to Position Tongue Higher or Lower)   | 228.00   |
| 1282210 | SMV Emblem Assembly  | 38.00    |
| 282514  | Center Strut, 24" non STR on 44" spacing<br>(Includes wheels, tires, hubs and spindles)                        | 4,155.00 |

See Assembly Package Sheet SBD-06 for factory assembling options



**Parma Folding Defoliator  
All Hydraulic Drive**

SBD-05  
Effective:  
October 1, 2018

**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                  |          | \$155,425.00 |
| 268795       | Draw Bar Shim Kit Cat IV 2 1/8" Bore (4 Pcs) Included in Base |          | \$115.00     |

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



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

Effective:  
October 1, 2018

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 | \$86.00    |
| 1281644                 | Mounted on Defoliator (Hydraulic Scalper) - per Row                | \$169.00   |

**Hydraulic Hose Packages**

- Includes One 1/2 " Hose from Implement to Tractor with Ends, and one 8010-4 Pioneer Coupler.

|         |                             |          |
|---------|-----------------------------|----------|
| 1281652 | 8' Hydraulic Hose Package   | \$94.00  |
| 1281653 | 10' Hydraulic Hose Package  | \$101.00 |
| 1281654 | 12' Hydraulic Hose Assembly | \$115.00 |

- 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, 2018

### 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>   |                                  |          |



SBD-08

Effective:  
October 1, 2018

## 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) |                                  |    |





SBD-09

Effective:  
October 1, 2018

## 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"  |