



Parma Rollaharrow

12' Rigid
Four Tine Bar

Effective:
September 1, 2018

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 6" Centers on Two Bar Unit
- 4" Centers on Four Bar Unit
Reversible 1" Chisel Points
Heavy Duty Tongue - 1-1/4" Pull Pins
Category III Ring Hitch Std
Saf-T-Chain

Screw Jack for Tongue
Warning Light Kit
Hyd. Controlled Smoothing Bar w/Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on all Lift Cylinders
4-95Lx15" 8-Ply Tires
2 3/16" Shafts & Double Roller Bearings

Order Number	Description	Approx. Wt	List Price
12R4	Rollaharrow Frames - Order One from this list		
3524016	Parma 12' 4 Bar Rollaharrow 35 Tines	3552#	\$19,402.00
Rollaharrow Rollers - Order a roller for front and rear for a complete unit.			
3523502	12' Roller with 10-12-17 Standard Rings - for Front or Rear	2664#	\$4,304.00
3523649	12' Roller with 12-14-20 Standard Rings - for Front or Rear	3324#	\$5,568.00
3523503	12' Roller with 10-12-17 Ductile Iron Rings - for Front or Rear		\$4,680.00
3523650	12' Roller with 12-14-20 Ductile Iron Rings - for Front or Rear		\$6,126.00
3523808	12' Pipe Roller, 16" Dia - for Front or Rear		\$3,684.00
3523818	12' Pipe Roller, 20" Dia - for Front or Rear		\$4,093.00
3524410	12' Roller with 20" Crowfeet - for Front		\$7,561.00
3524411	12' Roller with 20" Crowfeet - for Rear		\$7,502.00
The following rollers include packages to extend rear roller to 13'.			
3523932	13' with 10-12-17 Standard Rings - for Rear	2886#	\$4,948.00
3523935	13' with 12-14-20 Standard Rings - for Rear	3601#	\$6,287.00
3523933	13' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$5,355.00
3523936	13' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$6,888.00
3523917	13' Pipe Roller, 16" Dia - for Rear		\$4,382.00
3523918	13' Pipe Roller, 20" Dia - for Rear		\$4,919.00
	13' Roller with Crowfoot - for Rear w/Extender Blocks		\$9,796.00
Optional Equipment			
3523905	Hydraulic Tine Bar Control - 4 Bar Unit (12' - 14')		\$1,907.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$1,824.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$314.00
3521174	Assemble for Towaway (12'-16' Rigid Units)		\$356.00
3525644	Parma 13' 4 Bar Rollaharrow		\$20,332.00



Parma Rollaharrow

Effective:

14' Rigid
Four Tine Bar

September 1, 2018

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 6" Centers on Two Bar Unit
- 4" Centers on Four Bar Unit
Reversible 1" Chisel Points
Heavy Duty Tongue - 1-1/4" Pull Pins
Category III Ring Hitch Std
Saf-T-Chain

Screw Jack for Tongue
Warning Light Kit
Hyd. Controlled Smoothing Bar w/Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on all Lift Cylinders
4-95Lx15" 8-Ply Tires
2 3/16 Shafts & Double Roller Bearings

Order Number	Description	Approx Wt.	List Price
14R4	Rollaharrow Frames - Order One from this list		
3523895	Parma 14' 4 Bar Rollaharrow 43 Tines	3774#	\$21,258.00
Rollaharrow Rollers - Order a roller for front and rear for a complete unit.			
3523514	14' Roller with 10-12-17 Standard Rings - for Front or Rear	3108#	\$4,867.00
3523655	14' Roller with 12-14-20 Standard Rings - for Front or Rear	3878#	\$6,302.00
3523515	14' Roller with 10-12-17 Ductile Iron Rings - for Front or Rear		\$5,317.00
3523656	14' Roller with 12-14-20 Ductile Iron Rings - for Front or Rear		\$6,968.00
3523809	14' Pipe Roller, 16" Dia - for Front or Rear	980#	\$3,585.00
3523819	14' Pipe Roller, 20" Dia - for Front or Rear		\$4,126.00
3524412	14' Roller with 20" Crowfeet - for Front		\$9,636.00
3524413	14' Roller with 20" Crowfeet - for Rear		\$9,531.00
The following rollers include packages to extend rear roller to 15'.			
3523941	15' with 10-12-17 Standard Rings - for Rear	3350#	\$5,461.00
3523944	15' with 12-14-20 Standard Rings - for Rear	4155#	\$6,956.00
3523942	15' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$5,933.00
3523945	15' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$7,652.00
3523919	15' Pipe Roller, 16" Dia - for Rear		\$4,166.00
3523920	15' Pipe Roller, 20" Dia - for Rear		\$4,772.00
	15' Roller with 20" Crowfoot - for Rear w/Extender Blocks		\$11,211.00
Optional Equipment			
3523905	Hydraulic Tine Bar Control - 4 Bar Unit (12' - 14')		\$1,907.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$1,824.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$314.00
3521174	Assemble for Towaway (12'-16' Rigid Units)		\$356.00
3525572	Parma 15' 4 Bar Rollaharrow		\$23,794.00



Parma Rollaharrow

Effective:

16' Rigid
Four Tine Bar

September 1, 2018

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 6" Centers on Two Bar Unit
- 4" Centers on Four Bar Unit
Reversible 1" Chisel Points
Heavy Duty Tongue - 1-1/4" Pull Pins
Category III Ring Hitch Std
Saf-T-Chain

Screw Jack for Tongue
Warning Light Kit
Hyd. Controlled Smoothing Bar w/Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on all Lift Cylinders
4-95Lx15" 8-Ply Tires
2 3/16 Shafts & Double Roller Bearings

Order Number	Description	Approx. Wt.	List Price
16R4	Rollaharrow Frames - Order One from this list		
3523898	Parma 16' 4 Bar Rollaharrow 47 Tines	4126#	\$24,114.00
Rollaharrow Rollers - Order a roller for front and rear for a complete unit.			
3523526	16' Roller with 10-12-17 Standard Rings - for Front or Rear	3552#	\$5,345.00
3523661	16' Roller with 12-14-20 Standard Rings - for Front or Rear	4432#	\$6,979.00
3523527	16' Roller with 10-12-17 Ductile Iron Rings - for Front or Rear		\$5,859.00
3523662	16' Roller with 12-14-20 Ductile Iron Rings - for Front or Rear		\$7,742.00
3523810	16' Pipe Roller, 16" Dia - for Front or Rear	1175#	\$4,056.00
3523820	16' Pipe Roller, 20" Dia - for Front or Rear		\$4,583.00
3524414	16' Roller with 20" Crowfeet - for Front		\$10,215.00
3524415	16' Roller with 20" Crowfeet - for Rear		\$11,024.00
The following rollers include packages to extend rear roller to 17'.			
3523950	17' with 10-12-17 Standard Rings - for Rear	3774#	\$5,894.00
3523953	17' with 12-14-20 Standard Rings - for Rear	4709#	\$7,570.00
3523951	17' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$6,425.00
3523954	17' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$8,355.00
3523921	17' Pipe Roller, 16" Dia - for Rear		\$3,863.00
3523922	17' Pipe Roller, 20" Dia - for Rear		\$5,299.00
3526279	17' Roller with 20" Crowfoot - for Rear w/Extender Blocks		\$11,652.00
Optional Equipment			
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,576.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$1,824.00
3524955	Pintle Hook in Liew of Clevis on Drill Hitch		\$314.00
3521174	Assemble for Towaway (12'-16' Rigid Units)		\$356.00



Parma Rollaharrow

Effective:

18' Rigid
Four Tine Bar

September 1, 2018

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 6" Centers on Two Bar Unit
- 4" Centers on Four Bar Unit
Reversible 1" Chisel Points
Heavy Duty Tongue - 1-1/4" Pull Pins
Category 3 Ring Hitch Std
Saf-T-Chain

Screw Jack for Tongue
Warning Light
Hyd Controlled Smoothing Bar with Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on all Lift Cylinders
Four IF 280/70R15 Radial Tires
Split Front Roller
2-3/16" All Shafts & Double Roller Brgs

Order Number	Description	Approx. Wt.	List Price
18R4	Rollaharrow Frames - Order One from this list		
3524025	Parma 18' 4 Bar Rollaharrow 55 Tines	4948#	\$26,711.00
Rollaharrow Rollers - Order a roller for front and rear for a complete unit.			
3523580	18' Roller with 10-12-17 Standard Rings - for Front, Split		\$7,248.00
3523538	18' Roller with 10-12-17 Standard Rings - for Rear	3996#	\$5,785.00
3523688	18' Roller with 12-14-20 Standard Rings - for Front, Split		\$9,084.00
3523667	18' Roller with 12-14-20 Standard Rings - for Rear	4986#	\$7,599.00
3523581	18' Roller with 10-12-17 Ductile Iron Rings - for Front, Split		\$7,804.00
3523539	18' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$6,360.00
3523689	18' Roller with 12-14-20 Ductile Iron Rings - for Front, Split		\$9,906.00
3523668	18' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$8,450.00
3524416	18' Roller with 20" Crowfeet - for Front		\$10,754.00
3524417	18' Roller with 20" Crowfeet - for Rear		\$11,772.00
3524023	18' Pipe Roller 16" Dia - Front, Split		\$5,544.00
3523811	18' Pipe Roller 16" Dia - for Rear		\$4,454.00
3524024	18' Pipe Roller 20" Dia - Front, Split		\$6,206.00
3523821	18' Pipe Roller 20" Dia - for Rear		\$5,257.00
The following rollers include packages to extend rear roller to 19'.			
3523959	19' with 10-12-17 Rings - for Rear	4418#	\$6,362.00
3523962	19' with 12-14-20 Rings - for Rear	5270#	\$8,234.00
3523960	19' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$6,957.00
3523963	19' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$9,409.00
3523923	19' Pipe Roller 16" Dia - for Rear		\$5,036.00
3523924	19' Pipe Roller 20" Dia - for Rear		\$5,900.00
	19' Roller with 20" Crowfoot - for Rear w/Extender Blocks		\$12,390.00
Optional Equipment			
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,576.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$1,824.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$314.00
3521175	Assemble for Towaway (18'-24' Rigid Units)		\$356.00



Parma Rollaharrow

Effective:

20' Rigid
Four Tine Bar

September 1, 2018

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|---|---|
| Adjustable Tine Bed | Screw Jack for Tongue |
| Heavy Duty S-Tines - Standard Clearance | Warning Light |
| - 6" Centers on Two Bar Unit | Hyd Controlled Smoothing Bar with Depth Indicator |
| - 4" Centers on Four Bar Unit | All Cylinders, Hoses, Ends to Tractor |
| Reversible 1" Chisel Points | Transport Locks on all Lift Cylinders |
| Heavy Duty Tongue - 1-1/4" Pull Pins | Four IF 280/70R15 Radial Tires |
| Category 3 Ring Hitch Std | Split Front Roller |
| Saf-T-Chain | 2-3/16" All Shafts & Double Roller Brgs |

Order Number	Description	Approx. Wt.	List Price
20R4	Rollaharrow Frames - Order One from this list		
3523907	Parma 20' 4 Bar Rollaharrow 59 Tines	5450#	\$28,504.00
	Rollaharrow Rollers - Order a roller for front and rear for a complete unit.		
3523586	20' Roller with 10-12-17 Standard Rings - for Front, Split		\$7,651.00
3523550	20' Roller with 10-12-17 Standard Rings - for Rear	4440#	\$6,263.00
3523691	20' Roller with 12-14-20 Standard Rings - for Front, Split		\$9,650.00
3523673	20' Roller with 12-14-20 Standard Rings - for Rear	5540#	\$8,276.00
3523587	20' Roller with 10-12-17 Ductile Iron Rings - for Front, Split		\$8,262.00
3523551	20' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$6,909.00
3523692	20' Roller with 12-14-20 Ductile Iron Rings - for Front, Split		\$10,552.00
3523674	20' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$9,226.00
3524418	20' Roller with 20" Crowfeet - for Front		\$12,942.00
3524419	20' Roller with 20" Crowfeet - for Rear		\$12,515.00
3523914	20' Pipe Roller 16" Dia - for Front, Split		\$5,522.00
3523812	20' Pipe Roller 16" Dia - for Rear		\$4,560.00
3523915	20' Pipe Roller 20" Dia - Front, Split		\$6,267.00
3523822	20' Pipe Roller 20" Dia - for Rear		\$5,413.00
526219	20' Pipe Roller 20" Dia - for Rear Heavy Duty		\$6,776.00
	The following rollers include packages to extend rear roller to 21'.		
3523968	21' with 10-12-17 Standard Rings - for Rear	4662#	\$6,792.00
3523971	21' with 12-14-20 Standard Rings - for Rear	5820#	\$8,840.00
3523969	21' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$7,444.00
3523972	21' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$9,757.00
3523925	21' Pipe Roller 16" Dia - for Rear		\$4,413.00
3523926	21' Pipe Roller 20" Dia - for Rear		\$6,016.00
3525564	21' Roller with 20" Crowfoot - for Rear w/Extender Blocks		\$13,289.00
	Optional Equipment		
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,576.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$1,824.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$314.00
3521175	Assemble for Towaway (18'-24' Rigid Units)		\$356.00
	Leveling Bar Deduct 18' - 24'		-\$2,296.00



Parma Rollaharrow

Effective:

24' Rigid
Four Tine Bar

September 1, 2018

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 6" Centers on Two Bar Unit
- 4" Centers on Four Bar Unit
Reversible 1" Chisel Points
Heavy Duty Tongue - 1-1/4" Pull Pins
Category 3 Ring Hitch Std
Saf-T-Chain

Screw Jack for Tongue
Warning Light
Hyd Controlled Smoothing Bar with Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on all Lift Cylinders
Four IF 280/70R15 Radial Tires
Split Front & Rear Roller w/Center Ridge Roller
2-3/16" All Shafts & Double Roller Brgs

Order Number	Description	Approx. Wt.	List Price
24R4	Rollaharrow Frames - Order One from this list		
3524032	Parma 24' 4 Bar Rollaharrow 73 Tines	7474#	\$32,568.00
Rollaharrow Rollers - Order a roller for front and rear for a complete unit.			
3523604	24' Roller with 10-12-17 Standard Rings - for Front, Split	5350#	\$8,829.00
3524042	24' Roller with 10-12-17 Standard Rings - for Rear, Split w/Tag		\$11,422.00
3523700	24' Roller with 12-14-20 Standard Rings - for Front, Split	6648#	\$10,956.00
3524045	24' Roller with 12-14-20 Standard Rings - for Rear, Split w/Tag		\$13,806.00
3523605	24' Roller with 10-12-17 Ductile Iron Rings - for Front, Split		\$9,550.00
3524043	24' Roller with 10-12-17 Ductile Iron Rings - for Rear, Split w/Tag		\$12,202.00
3523701	24' Roller with 12-14-20 Ductile Iron Rings - for Front, Split		\$12,041.00
3524046	24' Roller with 12-14-20 Ductile Iron Rings - for Rear, Split w/Tag		\$14,960.00
3524420	24' Roller with 20" Crowfeet - for Front	3990#	\$15,409.00
3524421	24' Roller with 20" Crowfeet - for Rear	4440#	\$15,374.00
3523983	24' Pipe Roller 16" - for Front, Split		\$9,622.00
3526248	24' Pipe Roller 16" - for Rear, Split w/Tag		\$10,727.00
3523984	24' Pipe Roller 20" - for Front, Split	1980#	\$11,224.00
3526246	24' Pipe Roller 20" - for Rear, Split w/Tag	1980#	\$12,554.00
The following rollers include packages to extend rear roller to 25'.			
3523977	25' with 10-12-17 Rings - for Rear, Split w/Tag		\$11,838.00
3523980	25' with 12-14-20 Rings - for Rear, Split w/Tag		\$14,234.00
3523978	25' Roller with 10-12-17 Ductile Iron Rings - for Rear, Split w/Tag		\$12,627.00
3523981	25' Roller with 12-14-20 Ductile Iron Rings - for Rear, Split w/Tag		\$15,326.00
3524436	25' Pipe Roller 20" w/Tag Roller	2420#	\$13,029.00
	25' Roller with 20" Crowfoot - for Rear w/Extender Blocks		\$17,133.00
Optional Equipment			
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,576.00
3524854	Grain Drill Hitch - 4 Bar Unit		\$1,871.00
3524955	Pintle Hook in Lieu of Clevis Drill Hitch		\$314.00
3521175	Assemble for Towaway (18'-24' Rigid Units)		\$356.00



Parma Rollaharrow

Effective:

24' to 30' Folding Rollaharrow
Four Tine Bar

September 1, 2018

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 4" Centers
Reversible 1" Chisel Points
3/8" Heavy Duty Tongue - 1-1/4" Pull Pins
Category 3 Ring Hitch Std
Saf-T-Chain
Screw Jack for Tongue
Warning Light Kit Standard

Hyd Controlled Smoothing Bar with Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on Lift Cylinders
2700 PSI Required for Folding 26', 28' & 30'
6-IF 280/70R15 Radial Tires 24'-30'
2-3/16" All Shafts & Double Roller Brgs
1' Extended Rear Roller
3 Hinge Points (Wings) w/Adjuster Wrench

Order Number	Description	Approx. Wt.	List Price
24' Folding Rollaharrow - 10' Center			
3526040	24' 4 Bar Rollaharrow with 12-14-20" Std Rings		\$69,767.00
24F4 24' Folding Rollaharrow - 12' Center 73 Tines			
3524265	24' 4 Bar Rollaharrow with 10-12-17 Standard Ring Rollers	18500#	\$66,877.00
3524264	24' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	20200#	\$70,391.00
3525420	24' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear		\$66,120.00
3524267	24' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$68,840.00
3524266	24' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers		\$72,951.00
3524427	24' 4 Bar Rollaharrow with 20" Crowfoot Rollers	19200#	\$75,727.00
26F4 26' Folding Rollaharrow - 12' Center 79 Tines			
3524546	26' 4 Bar Rollaharrow with 10-12-17 Std Ring Rollers		\$67,592.00
3524518	26' 4 Bar Rollaharrow with 12-14-20 Std Ring Rollers	21750#	\$71,034.00
	26' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear		\$66,358.00
3524547	26' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$69,461.00
3524548	26' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers		\$73,594.00
3525735	26' 4 Bar Rollaharrow with 20" Crowfoot Front, 12-14-20 Ductile Rear		\$77,122.00
3524557	26' 4 Bar Rollaharrow with 20" Crowfoot Rollers		\$81,099.00
28F4 28' Folding Rollaharrow - 14' Center 85 Tines			
3524297	28' 4 Bar Rollaharrow with 10-12-17 Standard Ring Rollers	21850#	\$68,601.00
3524296	28' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	23900#	\$72,113.00
	28' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear		\$67,635.00
3524299	28' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$70,806.00
3524298	28' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers		\$74,814.00
3524428	28' 4 Bar Rollaharrow with 20" Crowfoot Rollers		\$83,013.00
30F4 30' Folding Rollaharrow - 14' Center 91 Tines			
3524308	30' 4 Bar Rollaharrow with 10-12-17 Standard Ring Rollers	23000#	\$71,197.00
3524307	30' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	25500#	\$74,259.00
3526028	30' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear	19940#	\$69,671.00
3524310	30' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$73,647.00
3524309	30' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers	25550#	\$77,262.00
3526404	30' 4 Bar Rollaharrow with 20" Crowfoot Frt, 12-14-20 Ductile Rear	23600#	\$79,889.00
3524429	30' 4 Bar Rollaharrow with 20" Crowfoot Rollers	23600#	\$85,721.00



Parma Rollaharrow

Effective:

32' to 40' Folding Rollaharrow
Four Tine Bar

September 1, 2018

Adjustable Tine Bed
Heavy Duty S-Tines - Standard Clearance
- 4" Centers
Reversible 1" Chisel Points
3/8" Heavy Duty Tongue - 1-1/4" Pull Pins
Category 3 Ring Hitch Std
Saf-T-Chain
Screw Jack for Tongue
Warning Light Kit Standard

Hyd Controlled Smoothing Bar with Depth Indicator
All Cylinders, Hoses, Ends to Tractor
Transport Locks on Lift Cylinders
2700 PSI Required for Folding 26', 28' & 30'
8-IF 280/70R15 Radial Tires 32'-40'
2-3/16" All Shafts & Double Roller Brgs
1' Extended Rear Roller
3 Hinge Points (Wings) w/Adjuster Wrench

Order Number	Description	List Price
32F4	32' Folding Rollaharrow - 18' Center - 7' Wings 20' Transport	
3524712	32' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$92,893.00
3524711	32' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers	\$95,733.00
	32' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$105,456.00
34F4	34' Folding Rollaharrow - 18' Center - 8' Wings 20' Transport	
3524700	34' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$96,061.00
3524701	34' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers	\$99,375.00
	34' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$107,795.00
36F4	36' Folding Rollaharrow - 18' Center - 9' Wings 20' Transport	
3524673	36' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$99,603.00
3524691	36' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers 29850#	\$103,003.00
	36' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$109,897.00
3524673S	36' 4 Bar Rollaharrow with 20" Crowfoot Rollers Front, 14-20 Std Rear	\$103,915.00
3524691-S	36' 4 Bar Rollaharrow with 20" Crowfoot Rollers Front, 14-20 Ductile Rear	\$106,108.00
38F4	38' Folding Rollaharrow - 20' Center - 9' Wings 22' Transport	
	38' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$103,738.00
	38' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers 29850#	\$107,065.00
	38' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$115,085.00
40F4	40' Folding Rollaharrow - 20' Center - 10' Wings 22' Transport	
3524962	40' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$109,970.00
3525768	40' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers 34729#	\$113,278.00
	40' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$121,468.00
Optional Equipment		
3524913	Hydraulic Tine Bar Control - 4 Bar Unit (Folding: 32' - 40')	\$4,699.00
3524868	Grain Drill Hitch (Folding: 32'-36')	\$4,301.00
	Grain Drill Hitch (Folding: 40')	\$4,440.00
3521176	Assemble for Towaway (Folding Units)	\$794.00

Note: 2700 PSI Required to Fold Wings - Clean

32' to 36' Folding - Transport width 20" Rings - 20'

Typical Horsepower Requirement

- 7 H.P. Per Foot of Tool
- Add 1 H.P. Per Foot for Grain Drill
- Add 1 H.P. Per Foot for Hilly Conditions
- Add 2 H.P. Per Foot for Folding Harrow



Parma Rollaharrow

Effective:

16' to 40' Deep Frame for 22" Rings
Four Tine Bar

September 1, 2018

Adjustable Tine Bed

Heavy Duty S-Tines - Standard Clearance
- 4" Centers

Reversible 1" Chisel Points

3/8" Heavy Duty Tongue - 1-1/4" Pull Pins

Category 3 Ring Hitch Std

Saf-T-Chain

Screw Jack for Tongue

Warning Light Kit Standard

Hyd Controlled Smoothing Bar with Depth Indicator

All Cylinders, Hoses, Ends to Tractor

Transport Locks on Lift Cylinders

5 x 30" Cylinders on 24' & 26' Units

6 x 30" Cylinders on 28' thru 40' Units

2700 PSI Required for Folding 26', 28' & 30'

IF 280/70R15 Radial Tires:

Qty 4 - 12' - 20' Qty 6 on 24' - 30'

Qty 8 - 32' - 40'

2-3/16" All Shafts & Double Roller Brgs

1' Extended Rear Roller

3 Hinge Points (Wings) w/Adjuster Wrench

Order Number	Description	List Price
	14' 4 Bar Rollaharrow	\$27,102.00
	14' Roller with 14-16-22" Ductile Rings - Front or Rear	\$8,307.00
	15' Roller with 14-16-22" Ductile Rings - For Rear	\$8,937.00
	16' 4 Bar Rollaharrow	\$29,291.00
3523755	16' Roller with 14-16-22" Ductile Rings Front or Rear	\$9,303.00
	17' Ext. Roller with 14-16-22" Ductile Rings - For Rear (w/Ext. 17500#)	\$10,126.00
3525345	18' 4 Bar Rollaharrow	\$31,480.00
3525305	18' Roller with 14-16-22" Ductile Rings - For Split Front	\$11,654.00
3523761	18' Roller with 14-16-22" Ductile Rings - For Rear	\$10,219.00
	19' Ext. Roller with 14-16-22" Ductile Rings - For Rear (w/Ext. 18200#)	\$11,155.00
3525269	20' 4 Bar Rollaharrow	\$34,921.00
3525302	20' Roller with 14-16-22" Ductile Rings - For Split Front	\$12,492.00
3523767	20' Roller with 14-16-22" Ductile Rings - For Rear	\$11,216.00
3526390	21' Ext. Roller with 14-16-22" Ductile Rings - For Rear (w/Ext. 18600#)	\$12,070.00
3526165	24' 4 Bar Rollaharrow Rigid	\$39,192.00
3525308	24' Roller with 14-16-22" Ductile Rings - For Split Front	\$15,589.00
3526166	25' Extended Roller with 14-16-22" Ductile Ring Split Rear with Tag Roller	\$17,849.00
3523906	Hydraulic Tine Bar Control - 4 Bar Unit 16' & 24'	\$2,576.00
12' Center - 6' Wings		73 Tines
	24' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	21423# \$80,714.00
12' Center - 7' Wings		79 Tines
3525065	26' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	23217# \$87,442.00
14' Center - 7' Wings		85 Tines
	28' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	25111# \$94,167.00
14' Center - 8' Wings		91 Tines
3525189	30' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	26904# \$100,892.00
18' Center - 9' Wings 21' Transport		109 Tines
	32' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	\$108,289.00
	34' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	\$115,133.00
	36' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	33448# \$122,542.00
20' Center - 10' Wings 23' Transport		121 Tines
	40' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	37165# \$135,684.00
3524008	14' - 16' Grain Drill Hitch	\$1,824.00
3524008	18' - 20' Grain Drill Hitch	\$1,824.00
3524745	24' - 26' Grain Drill Hitch	\$4,052.00
3524745	28' - 30' Grain Drill Hitch	\$4,052.00
3524868	32' - 36' Grain Drill Hitch	\$4,301.00
	40' Grain Drill Hitch	\$4,440.00



Options & Accessories

Effective:

September 1, 2018

Options & Accessories		
525728	Tongue Weld Rigid Drill Hitch - Fixed Tongue Attachment	\$297.00
525641	Tongue Weld Flgd Drill Hitch - Fixed Tongue Attachment 4 1/2" Centers	\$341.00
521448	Old Style Tongue Clevis 1 3/4" Bore (For Drill Hitch or Tongue)	\$269.00
521139	Clevis Drill Hitch Small Rigid (For Drill Hitch Only)	\$175.00
523174	Clevis Mount	\$175.00
524744	Clevis - Drill Hitch 2 1/2" Bore (For Drill Hitch or Tongue)	\$280.00
524930	Pintle Hook - Drill Hitch - Folding	\$594.00
524955	Pintle Hook - Drill Hitch - Rigid	\$550.00
525657	Mount Weld for Rigid GDH - 2 1/4" Centers (For 525641)	\$98.00
524910	1/2" x 34' Hoses Male Pipe w/Male & Female Tips	Pair \$562.00
701658	Restrictor Fitting	\$18.05
525479	Greaseline Kit - Folding RH	\$943.00
980827D	Dodge Bearing 2 3/16	\$268.80
524884	Double Roller Bearing 2 3/16	\$398.75
525085	Lock Collar for Double Roller Brg.	\$100.00
523905	Hydraulic Tine Bar Control Kit 4 Tine Bar 12'-14' (after market)	\$2,119.00
523906	Hydraulic Tine Bar Control Kit 4 Tine Bar 16'-24' (after market)	\$2,869.00
523304	Hydraulic Tine Bar Control Kit 4 Tine Bar 24'-26' (after market)	\$4,359.00
523171	Hydraulic Tine Bar Control Kit 4 Tine Bar 28'-30' (after market)	\$4,653.00
524913	Hydraulic Tine Bar Control Kit 4 Tine Bar 32' -36' (after market)	\$5,222.00
	Charge for After Market Change to Hyd. Tine Bar in Yard	\$990.00
	Charge for After Market Change Hyd. To Mechanical Tine Bar in Yard (Labor)	\$785.00
525432	Slotted Cap - Wing Fold Cylinder (Solid End)	\$270.00
998413	Hardened Clevis Lift Cylinder	\$74.00
524370	Strut Weld - Centered (Not Installed) (Extra for Folding)	\$813.00
524879	Strut Weld - Offset (Not Installed) (Extra for 18'-24' Rigid)	\$813.00
	Charge for Installing Struts on Existing Axles	Ea. \$525.00
524869	4-Strut Axle Wldmnt (18'-24' Rigid) Parts Only	\$4,911.00
3524869	4-Strut Axle Installed w/Order (18'-24' Rigid)	Add On \$1,363.00
524969	Tire & Wheel Assy. 11L-15 26-Ply Used Aircraft	Ea \$632.00
525743	Tire & Wheel Assy. IF 280/70R15 Radial	Ea \$554.00
525741	Tire & Wheel Assy. Truck 215/75R 17.5	Ea \$1,306.00
524005	Rigid Frame Drill Hitch Wldmnt (2010 and Older)	\$1,988.00
522620	Hub, Spindle, Wheel & IF 280/70R15 Radial Tire Assy.	\$869.00
525449	3-Strut Axle Wld (18'-24' Rigid) Parts Only	\$4,840.00
523908	Std 2-Strut Axle Wld (18' - 24' Rigid) Parts Only	\$3,411.00
	Turnbuckle in Lieu of Cylinder on Leveling Bar (2-R) (3-F)	Ea. -\$160.00
FOLDING DRILL HITCH 1997-2003		
3522326	20' - 24' 2 Bar	\$1,274.00
3522300	28' - 30' 2 Bar	\$1,305.00
3522310	20' - 24' 4 Bar	\$1,284.00
3522915	28' - 30' 4 Bar	\$1,337.00
3523172	Small Hitch	\$1,100.00
523118	Std. Tongue Weldment	\$3,510.00
524866	Std. Tongue Weldment 3 Pull Brkts (W/3rd Bracket)(Incl. 1 Pull Bracket)	\$4,259.00
525217	12' Tongue Weldment	\$4,195.00
525218	12' Tongue Assy	\$5,330.00
3525239	Drill Hitch 20' Inverted Pull	\$1,850.00
521104	Cat III Hitch Ring	\$185.00
525473	Cat 5 Bullpull® Hitch	\$676.36
521910R	IF 280/70R15 Radial Tire Only	\$347.70
525906	Hose Hanger (Support Behind Tractor)	\$106.00
522071	6" Spacer Block w/4-5/8" x 13" Bolts	\$312.00
524369	Square Drop Leg Sidewinder Jack 10000#	\$564.56
526353	Hub & Spindle Assy. - Rollaharrow	\$305.00



Effective: September
1, 2018

Parma 3-Point Rollaharrow
10' Two Tine Bar

Heavy Duty S-Tine, Standard Clearance
6" Tine centers
2-3/16" All Shafts & DbI Roller Bearings
6 x 6 3/8" Wall Front Tube

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit
All Remaining Accessories
Interchangeable w/Rigid Pull-Type

Order Number	Description	Approx. Wt	List Price
Rollaharrow Frames - Order one from this list.			
525960	10' 2-Bar Rollaharrow	1340#	\$8,650.00
	10' 3-Bar Rollaharrow	1380#	\$11,581.00
MUST ORDER: Rollaharrow Rollers - Order front & rear rollers			
3523490	10' Roller 10-12-17" Standard Ring - Front or Rear	2220#	\$3,909.00
525987	10' Pipe Roller 16" Front or Rear	700#	\$2,841.00
3526186	11' Roller 10-12-17" Standard Ring - Rear only		\$4,481.00
3526187	11' Pipe Roller 16" - Rear only		\$3,550.00



Effective:
September 1, 2018

Parma 3-Point Rollaharrow
12' Two or Three Tine Bar

Heavy Duty S-Tine, Standard Clearance
6" Tine centers on Two Bar
5" Tine centers on Three Bar
2-3/16" All Shafts & Dbl Roller Bearings

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit

Order Number	Description	Approx. Wt.	List Price
Rollaharrow Frames - Order one from this list.			
525961	12' 2-Bar Rollaharrow	1474#	\$12,108.00
	12' 3-Bar Rollaharrow	1995#	\$13,897.00
Rollaharrow Rollers - Order front & rear rollers on 2-Bar & rear only on 3-Bar			
3523502	12' Roller 10-12-17" Standard Ring - Front or Rear		\$4,304.00
3523808	12' Pipe Roller 16" Front or Rear		\$3,684.00
3523932	13' Roller 10-12-17" Standard Ring - Rear only		\$4,948.00
3523917	13' Pipe Roller 16" - Rear only		\$4,382.00



Effective:
September 1, 2018

Parma 3-Point Rollaharrow
14' Two or Three Tine Bar

Heavy Duty S-Tine - Standard Clearance
6" Tine centers on Two Bar
5" Tine centers on Three Bar
2-3/16" All Shafts & Double Roller Bearings

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit

Order Number	Description	List Price
Rollaharrow Frames - Order one from this list.		
	14' 2-Bar Rollaharrow	\$12,987.00
	14' 3-Bar Rollaharrow	\$15,631.00
Rollaharrow Rollers - Order front & rear rollers on 2-Bar & rear only on 3-Bar		
3523514	14' Roller 10-12-17" Standard Ring - Front or Rear	\$4,867.00
3523809	14' Pipe Roller 16" Front or Rear	\$3,585.00
The following are rollers to extend rear to 15'		
3523941	15' Roller 10-12-17" Standard Ring - Rear only	\$5,461.00
3523919	15' Pipe Roller 16" - Rear only	\$4,166.00
3526234	15' 2-Bar Rollaharrow	\$14,678.00



Parma 3-Point Rollaharrow 16' Two or Three Tine Bar

Heavy Duty S-Tine - Standard Clearance
6" Tine centers on Two Bar
5" Tine centers on Three Bar
2-3/16" All Shafts & Dbl. Roller Bearings

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit

Order Number	Description	List Price
Rollaharrow Frames - Order one from this list.		
	16' 2-Bar Rollaharrow	\$15,995.00
	16' 3-Bar Rollaharrow	\$19,358.00
Rollaharrow Rollers - Order front & rear rollers on 2-Bar & rear only on 3-Bar		
3523526	16' Roller 10-12-17" Standard Ring - Front or Rear	\$5,345.00
3523810	16' Pipe Roller 16" Front or Rear	\$4,056.00
The following are rollers to extend rear to 17'		
3523950	17' Roller 10-12-17" Standard Ring - Rear only	\$5,894.00
3523921	17' Pipe Roller 16" - Rear only	\$3,863.00



Effective:
September 1, 2018

Parma 3-Point Rollaharrow
18' Two or Three Tine Bar

Heavy Duty S-Tine - Standard Clearance
6" Tine centers on Two Bar
5" Tine centers on Three Bar
2-3/16" All Shafts & Dbl. Roller Bearings

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit

Order Number	Description	List Price
Rollaharrow Frames - Order one from this list.		
	18' 2-Bar Rollaharrow	\$18,091.00
	18' 3-Bar Rollaharrow	\$20,750.00
Rollaharrow Rollers - Order front & rear rollers on 2-Bar & rear only on 3-Bar		
3523580	18' Roller 10-12-17" Standard Ring - Split Front	\$7,248.00
3523538	18' Roller 10-12-17" Standard Ring - Rear	\$5,785.00
3524023	18' Pipe Roller 16" - Split Front	\$5,544.00
3523811	18' Pipe Roller 16" - Rear	\$4,454.00
3523959	19' Roller 10-12-17" Standard Ring - Rear only	\$6,362.00
3523923	19' Pipe Roller 16" - Rear only	\$5,036.00



Effective:
September 1, 2018

Parma 3-Point Rollaharrow
20' Two or Three Tine Bar

Heavy Duty S-Tine - Standard Clearance
6" Tine centers on Two Bar
5" Tine centers on Three Bar
2-3/16" All Shafts & Dbl. Roller Bearings

Cylinder & Hoses w/Ends
Cat IIIN Hitch
Hyd Controlled Smoothing Bar
Warning Light Kit

Order Number	Description	List Price
Rollaharrow Frames - Order one from this list.		
	20' 2-Bar Rollaharrow	\$18,533.00
	20' 3-Bar Rollaharrow	\$22,247.00
Rollaharrow Rollers - Order front & rear rollers on 2-Bar & rear only on 3-Bar		
3523586	20' Roller 10-12-17" Standard Ring - Split Front	\$7,651.00
3523550	20' Roller 10-12-17" Standard Ring - Rear	\$6,263.00
3523914	20' Pipe Roller 16" - Split Front	\$5,522.00
3523812	20' Pipe Roller 16" - Rear	\$4,560.00
The following are rollers to extend rear to 21'		
3523968	21' Roller 10-12-17" Standard Ring - Rear only	\$6,792.00
3523925	21' Pipe Roller 16" - Rear only	\$4,413.00



Parma Rollaharrow

Effective:

Rigid Export Models
Four Tine Bar

September 1, 2018

Standard Equipment

Heavy Duty S-Tines - Standard Clearance - 4" Centers on Four Bar Unit	Transport Locks on Lift Cylinders
Reversible 1" Chisel Points	Hyd Controlled Smoothing Bar with Depth Indicator
Solid Front Roller for 12ft to 16ft	Category 3 Ring Hitch Std
Split Front Roller for 18ft to 20ft	Screw Jack for Tongue
Heavy Duty Tongue - 1-1/4" Pull Pins	All Cylinders, Hoses, Ends to Tractor
Warning Light Kit	Six IF 280/70R15 Radial Tires for 18ft to 20ft
Saf-T-Chain	Four IF 280/70R15 Radial Tires for 12ft to 16ft
Boltable/Weldable Split Frame for Containerizing (Split for Front and Rear Halves)	2-3/16" All Shafts & Hvy Duty Dbl Roller Bearings
Loading Dollies and Stands	12-14-20 Ductile Rings Front and Rear
	Extended Rear Roller

Order Number	Description	Approx Wt.	Towing Width	List Price
	12' 4 Bar Rollaharrow 35 Tines	10800#	13' 10"	\$40,999.00
	14' 4 Bar Rollaharrow 43 Tines	12200#	15' 10"	\$44,097.00
	16' 4 Bar Rollaharrow 47 Tines	13600#	17' 10"	\$48,346.00
	18' 4 Bar Rollaharrow 55 Tines	15800#	19' 10"	\$56,550.00
	20' 4 Bar Rollaharrow 59 Tines	17200#	21' 10"	\$59,664.00

These prices are for rigid model Rollaharrows designed for bundling components as container ready packages, ready for reassembly upon arrival. Frames are split side to side with front and rear halves to be bolted and welded back together to constitute a solid, rigid frame. Prices include stands and dollies for containerization.

All prices are FOB Parma, ID. USA and **DO NOT INCLUDE:** Dunnage, Tie-Down/Anchoring, Freight or Container Costs