



Parma Rollaharrow

12' Rigid
Four Tine Bar

Effective:
September 1, 2016

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
Rollaharrow Frames - Order One from this list			
3524016	Parma 12' 4 Bar Rollaharrow 35 Tines	3552#	\$18,539.00
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#	\$4,112.00
3523649	12' Roller with 12-14-20 Standard Rings - for Front or Rear	3324#	\$5,320.00
3523503	12' Roller with 10-12-17 Ductile Iron Rings - for Front or Rear		\$4,472.00
3523650	12' Roller with 12-14-20 Ductile Iron Rings - for Front or Rear		\$5,854.00
3523808	12' Pipe Roller, 16" Dia - for Front or Rear		\$3,520.00
3523818	12' Pipe Roller, 20" Dia - for Front or Rear		\$3,911.00
3524410	12' Roller with 20" Crowfeet - for Front		\$7,298.00
3524411	12' Roller with 20" Crowfeet - for Rear		\$7,241.00
The following rollers include packages to extend rear roller to 13'.			
3523932	13' with 10-12-17 Standard Rings - for Rear	2886#	\$4,728.00
3523935	13' with 12-14-20 Standard Rings - for Rear	3601#	\$6,007.00
3523933	13' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$5,117.00
3523936	13' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$6,582.00
3523917	13' Pipe Roller, 16" Dia - for Rear		\$4,187.00
3523918	13' Pipe Roller, 20" Dia - for Rear		\$4,700.00
	13' Roller with Crowfoot - for Rear		\$8,859.00
Optional Equipment			
3523905	Hydraulic Tine Bar Control - 4 Bar Unit (12' - 14')		\$1,822.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$1,742.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$299.00
3521174	Assemble for Towaway (12'-16' Rigid Units)		\$348.00



Parma Rollaharrow

Effective:

14' Rigid
Four Tine Bar

September 1, 2016

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
Rollaharrow Frames - Order One from this list			
3523895	Parma 14' 4 Bar Rollaharrow 43 Tines	3774#	\$20,312.00
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#	\$4,650.00
3523655	14' Roller with 12-14-20 Standard Rings - for Front or Rear	3878#	\$6,021.00
3523515	14' Roller with 10-12-17 Ductile Iron Rings - for Front or Rear		\$5,080.00
3523656	14' Roller with 12-14-20 Ductile Iron Rings - for Front or Rear		\$6,658.00
3523809	14' Pipe Roller, 16" Dia - for Front or Rear	980#	\$3,425.00
3523819	14' Pipe Roller, 20" Dia - for Front or Rear		\$3,943.00
3524412	14' Roller with 20" Crowfeet - for Front		\$9,133.00
3524413	14' Roller with 20" Crowfeet - for Rear		\$9,200.00
The following rollers include packages to extend rear roller to 15'.			
3523941	15' with 10-12-17 Standard Rings - for Rear	3350#	\$5,218.00
3523944	15' with 12-14-20 Standard Rings - for Rear	4155#	\$6,646.00
3523942	15' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$5,669.00
3523945	15' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$7,312.00
3523919	15' Pipe Roller, 16" Dia - for Rear		\$3,981.00
3523920	15' Pipe Roller, 20" Dia - for Rear		\$4,560.00
	15' Roller with 20" Crowfoot - for Rear		\$10,226.00
Optional Equipment			
3523905	Hydraulic Tine Bar Control - 4 Bar Unit (12' - 14')		\$1,822.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$1,742.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$299.00
3521174	Assemble for Towaway (12'-16' Rigid Units)		\$348.00



Parma Rollaharrow

Effective:

16' Rigid
Four Tine Bar

September 1, 2016

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
Rollaharrow Frames - Order One from this list			
3523898	Parma 16' 4 Bar Rollaharrow 47 Tines	4126#	\$23,041.00
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#	\$5,107.00
3523661	16' Roller with 12-14-20 Standard Rings - for Front or Rear	4432#	\$6,669.00
3523527	16' Roller with 10-12-17 Ductile Iron Rings - for Front or Rear		\$5,599.00
3523662	16' Roller with 12-14-20 Ductile Iron Rings - for Front or Rear		\$7,397.00
3523810	16' Pipe Roller, 16" Dia - for Front or Rear	1175#	\$3,876.00
3523820	16' Pipe Roller, 20" Dia - for Front or Rear		\$4,379.00
3524414	16' Roller with 20" Crowfeet - for Front		\$9,860.00
3524415	16' Roller with 20" Crowfeet - for Rear		\$10,641.00
The following rollers include packages to extend rear roller to 17'.			
3523950	17' with 10-12-17 Standard Rings - for Rear	3774#	\$5,632.00
3523953	17' with 12-14-20 Standard Rings - for Rear	4709#	\$7,233.00
3523951	17' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$6,139.00
3523954	17' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$7,983.00
3523921	17' Pipe Roller, 16" Dia - for Rear		\$3,691.00
3523922	17' Pipe Roller, 20" Dia - for Rear		\$5,064.00
	17' Roller with 20" Crowfoot - for Rear		\$11,247.00
Optional Equipment			
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,462.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$1,742.00
3524955	Pintle Hook in Liew of Clevis on Drill Hitch		\$299.00
3521174	Assemble for Towaway (12'-16' Rigid Units)		\$348.00



Parma Rollaharrow

Effective:

18' Rigid
Four Tine Bar

September 1, 2016

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
Rollaharrow Frames - Order One from this list			
3524025	Parma 18' 4 Bar Rollaharrow 55 Tines	4948#	\$25,522.00
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		\$6,926.00
3523538	18' Roller with 10-12-17 Standard Rings - for Rear	3996#	\$5,527.00
3523688	18' Roller with 12-14-20 Standard Rings - for Front, Split		\$8,680.00
3523667	18' Roller with 12-14-20 Standard Rings - for Rear	4986#	\$7,261.00
3523581	18' Roller with 10-12-17 Ductile Iron Rings - for Front, Split		\$7,457.00
3523539	18' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$6,077.00
3523689	18' Roller with 12-14-20 Ductile Iron Rings - for Front, Split		\$9,465.00
3523668	18' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$8,074.00
3524416	18' Roller with 20" Crowfeet - for Front		\$10,380.00
3524417	18' Roller with 20" Crowfeet - for Rear		\$11,363.00
3524023	18' Pipe Roller 16" Dia - Front, Split		\$5,297.00
3523811	18' Pipe Roller 16" Dia - for Rear		\$4,256.00
3524024	18' Pipe Roller 20" Dia - Front, Split		\$5,930.00
3523821	18' Pipe Roller 20" Dia - for Rear		\$5,023.00
The following rollers include packages to extend rear roller to 19'.			
3523959	19' with 10-12-17 Rings - for Rear	4418#	\$6,079.00
3523962	19' with 12-14-20 Rings - for Rear	5270#	\$7,867.00
3523960	19' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$6,647.00
3523963	19' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$8,991.00
3523923	19' Pipe Roller 16" Dia - for Rear		\$4,812.00
3523924	19' Pipe Roller 20" Dia - for Rear		\$5,637.00
	19' Roller with 20" Crowfoot - for Rear		\$11,621.00
Optional Equipment			
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,462.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$1,742.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$299.00
3521175	Assemble for Towaway (18'-24' Rigid Units)		\$407.00



Parma Rollaharrow

Effective:

20' Rigid
Four Tine Bar

September 1, 2016

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
Rollaharrow Frames - Order One from this list			
3523907	Parma 20' 4 Bar Rollaharrow 59 Tines	5450#	\$27,235.00
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		\$7,311.00
3523550	20' Roller with 10-12-17 Standard Rings - for Rear	4440#	\$5,984.00
3523691	20' Roller with 12-14-20 Standard Rings - for Front, Split		\$9,221.00
3523673	20' Roller with 12-14-20 Standard Rings - for Rear	5540#	\$7,908.00
3523587	20' Roller with 10-12-17 Ductile Iron Rings - for Front, Split		\$7,894.00
3523551	20' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$6,597.00
3523692	20' Roller with 12-14-20 Ductile Iron Rings - for Front, Split		\$10,082.00
3523674	20' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$8,815.00
3524418	20' Roller with 20" Crowfeet - for Front		\$12,492.00
3524419	20' Roller with 20" Crowfeet - for Rear		\$12,080.00
3523914	20' Pipe Roller 16" Dia - for Front, Split		\$5,276.00
3523812	20' Pipe Roller 16" Dia - for Rear		\$4,357.00
3523915	20' Pipe Roller 20" Dia - Front, Split		\$5,988.00
3523822	20' Pipe Roller 20" Dia - for Rear		\$5,172.00
The following rollers include packages to extend rear roller to 21'.			
3523968	21' with 10-12-17 Standard Rings - for Rear	4662#	\$6,490.00
3523971	21' with 12-14-20 Standard Rings - for Rear	5820#	\$8,447.00
3523969	21' Roller with 10-12-17 Ductile Iron Rings - for Rear		\$7,113.00
3523972	21' Roller with 12-14-20 Ductile Iron Rings - for Rear		\$9,323.00
3523925	21' Pipe Roller 16" Dia - for Rear		\$4,217.00
3523926	21' Pipe Roller 20" Dia - for Rear		\$5,749.00
3525564	21' Roller with 20" Crowfoot - for Rear		\$12,827.00
Optional Equipment			
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,462.00
3524008	Grain Drill Hitch - 4 Bar Unit		\$1,742.00
3524955	Pintle Hook in Lieu of Clevis on Drill Hitch		\$299.00
3521175	Assemble for Towaway (18'-24' Rigid Units)		\$407.00
	Leveling Bar Deduct 18' - 24'		-\$2,194.00



Parma Rollaharrow

Effective:

24' Rigid
Four Tine Bar

September 1, 2016

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
Rollaharrow Frames - Order One from this list			
3524032	Parma 24' 4 Bar Rollaharrow 73 Tines	7474#	\$31,119.00
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#	\$8,436.00
3524042	24' Roller with 10-12-17 Standard Rings - for Rear, Split w/Tag		\$10,913.00
3523700	24' Roller with 12-14-20 Standard Rings - for Front, Split	6648#	\$10,468.00
3524045	24' Roller with 12-14-20 Standard Rings - for Rear, Split w/Tag		\$13,192.00
3523605	24' Roller with 10-12-17 Ductile Iron Rings - for Front, Split		\$9,144.00
3524043	24' Roller with 10-12-17 Ductile Iron Rings - for Rear, Split w/Tag		\$11,659.00
3523701	24' Roller with 12-14-20 Ductile Iron Rings - for Front, Split		\$11,505.00
3524046	24' Roller with 12-14-20 Ductile Iron Rings - for Rear, Split w/Tag		\$14,294.00
3524420	24' Roller with 20" Crowfeet - for Front	3990#	\$14,874.00
3524421	24' Roller with 20" Crowfeet - for Rear	4440#	\$14,690.00
3523983	24' Pipe Roller 16" - for Front, Split		\$9,193.00
3523984	24' Pipe Roller 20" - for Front, Split	1980#	\$10,724.00
The following rollers include packages to extend rear roller to 25'.			
3523977	25' with 10-12-17 Rings - for Rear, Split w/Tag		\$11,311.00
3523980	25' with 12-14-20 Rings - for Rear, Split w/Tag		\$13,605.00
3523978	25' Roller with 10-12-17 Ductile Iron Rings - for Rear, Split w/Tag		\$12,065.00
3523981	25' Roller with 12-14-20 Ductile Iron Rings - for Rear, Split w/Tag		\$14,644.00
3524436	25' Pipe Roller 20" w/Tag Roller	2420#	\$12,449.00
	25' Roller with 20" Crowfoot - for Rear		\$16,538.00
Optional Equipment			
3523906	Hydraulic Tine Bar Control - 4 Bar Unit (16' - 24')		\$2,462.00
3524854	Grain Drill Hitch - 4 Bar Unit		\$1,788.00
3524955	Pintle Hook in Lieu of Clevis Drill Hitch		\$299.00
3521175	Assemble for Towaway (18'-24' Rigid Units)		\$407.00



Parma Rollaharrow

Effective:

24' to 30' Folding Rollaharrow
Four Tine Bar

September 1, 2016

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 - 12' Center 73 Tines			
3524265	24' 4 Bar Rollaharrow with 10-12-17 Standard Ring Rollers	18500#	\$63,901.00
3524264	24' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	20200#	\$67,258.00
3525420	24' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear		\$63,178.00
3524267	24' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$65,777.00
3524266	24' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers		\$69,704.00
3524427	24' 4 Bar Rollaharrow with 20" Crowfoot Rollers	19200#	\$73,096.00
26' Folding Rollaharrow - 12' Center 79 Tines			
3524546	26' 4 Bar Rollaharrow with 10-12-17 Std Ring Rollers		\$64,584.00
3524518	26' 4 Bar Rollaharrow with 12-14-20 Std Ring Rollers	21750#	\$67,873.00
	26' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear		\$63,405.00
3524547	26' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$66,370.00
3524548	26' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers		\$70,319.00
3525735	26' 4 Bar Rollaharrow with 20" Crowfoot Front, 12-14-20 Ductile Rear		\$73,690.00
3524557	26' 4 Bar Rollaharrow with 20" Crowfoot Rollers		\$78,281.00
28' Folding Rollaharrow - 14' Center 85 Tines			
3524297	28' 4 Bar Rollaharrow with 10-12-17 Standard Ring Rollers	21850#	\$65,548.00
3524296	28' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	23900#	\$68,903.00
	28' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear		\$64,625.00
3524299	28' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$67,655.00
3524298	28' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers		\$71,485.00
3524428	28' 4 Bar Rollaharrow with 20" Crowfoot Rollers		\$80,129.00
30' Folding Rollaharrow - 14' Center 91 Tines			
3524308	30' 4 Bar Rollaharrow with 10-12-17 Standard Ring Rollers	23000#	\$68,029.00
3524307	30' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	25500#	\$70,955.00
	30' 4 Bar Rollaharrow with 12-14-20 Std Rings & Pipe Rear	19940#	\$66,570.00
3524310	30' 4 Bar Rollaharrow with 10-12-17 Ductile Ring Rollers		\$70,370.00
3524309	30' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers	25550#	\$73,823.00
	30' 4 Bar Rollaharrow with 20" Crowfoot Frt, 12-14-20 Ductile Rear	23600#	\$76,334.00
3524429	30' 4 Bar Rollaharrow with 20" Crowfoot Rollers	23600#	\$82,742.00



Parma Rollaharrow

Effective:

32' to 40' Folding Rollaharrow
Four Tine Bar

September 1, 2016

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
32' Folding Rollaharrow - 18' Center - 7' Wings 20' Transport		
3524712	32' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$88,760.00
3524711	32' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers	\$91,473.00
	32' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$101,792.00
34' Folding Rollaharrow - 18' Center - 8' Wings 20' Transport		
3524700	34' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$91,786.00
3524701	34' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers	\$94,953.00
	34' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$104,049.00
36' Folding Rollaharrow - 18' Center - 9' Wings 20' Transport		
3524673	36' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$95,171.00
3524691	36' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers 29850#	\$98,419.00
	36' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$107,133.00
38' Folding Rollaharrow - 20' Center - 9' Wings 22' Transport		
	38' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$99,122.00
	38' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers 29850#	\$102,300.00
	38' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$111,086.00
40' Folding Rollaharrow - 20' Center - 10' Wings 22' Transport		
3524962	40' 4 Bar Rollaharrow with 12-14-20 Standard Ring Rollers	\$105,077.00
	40' 4 Bar Rollaharrow with 12-14-20 Ductile Ring Rollers 34729#	\$108,246.00
	40' 4 Bar Rollaharrow with 20" Crowfoot Rollers	\$117,247.00
Optional Equipment		
3524913	Hydraulic Tine Bar Control - 4 Bar Unit (Folding: 32' - 40')	\$4,490.00
3524868	Grain Drill Hitch (Folding: 32'-36')	\$4,109.00
	Grain Drill Hitch (Folding: 40')	\$4,242.00
3521176	Assemble for Towaway (Folding Units)	\$774.00

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, 2016

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	\$25,869.00
	14' Roller with 14-16-22" Ductile Rings - Front or Rear	\$7,783.00
	15' Roller with 14-16-22" Ductile Rings - For Rear	\$8,540.00
	16' 4 Bar Rollaharrow	\$27,988.00
3523755	16' Roller with 14-16-22" Ductile Rings Front or Rear	\$8,889.00
	17' Ext. Roller with 14-16-22" Ductile Rings - For Rear (w/Ext. 17500#)	\$9,676.00
3525345	18' 4 Bar Rollaharrow	\$30,079.00
3525305	18' Roller with 14-16-22" Ductile Rings - For Split Front	\$11,136.00
3523761	18' Roller with 14-16-22" Ductile Rings - For Rear	\$9,765.00
	19' Ext. Roller with 14-16-22" Ductile Rings - For Rear (w/Ext. 18200#)	\$10,658.00
	20' 4 Bar Rollaharrow	\$33,402.00
	20' Roller with 14-16-22" Ductile Rings - For Split Front	\$11,936.00
3523767	20' Roller with 14-16-22" Ductile Rings - For Rear	\$10,717.00
	21' Ext. Roller with 14-16-22" Ductile Rings - For Rear (w/Ext. 18600#)	\$11,533.00
3523906	Hydraulic Tine Bar Control - 4 Bar Unit 16' & 20'	\$2,462.00
12' Center - 6' Wings 73 Tines		
	24' 4 Bar Rollaharrow with 14-16-22" Ductile Rings 21423#	\$77,122.00
12' Center - 7' Wings 79 Tines		
3525065	26' 4 Bar Rollaharrow with 14-16-22" Ductile Rings 23217#	\$83,551.00
14' Center - 7' Wings 85 Tines		
	28' 4 Bar Rollaharrow with 14-16-22" Ductile Rings 25111#	\$89,977.00
14' Center - 8' Wings 91 Tines		
3525189	30' 4 Bar Rollaharrow with 14-16-22" Ductile Rings 26904#	\$96,403.00
18' Center - 9' Wings 21' Transport 109 Tines		
	32' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	\$103,470.00
	34' 4 Bar Rollaharrow with 14-16-22" Ductile Rings	\$110,010.00
	36' 4 Bar Rollaharrow with 14-16-22" Ductile Rings 33448#	\$117,088.00
20' Center - 10' Wings 23' Transport 121 Tines		
	40' 4 Bar Rollaharrow with 14-16-22" Ductile Rings 37165#	\$129,646.00
3524008	14' - 16' Grain Drill Hitch	\$1,742.00
3524008	18' - 20' Grain Drill Hitch	\$1,742.00
3524745	24' - 26' Grain Drill Hitch	\$3,872.00
3524745	28' - 30' Grain Drill Hitch	\$3,872.00
3524868	32' - 36' Grain Drill Hitch	\$4,109.00
	40' Grain Drill Hitch	\$4,242.00



Effective:
January 1, 2017

Parma 3-Point Rollaharrow
10' Two Tine Bar

Heavy Duty S-Tine, Standard Clearance
6" Tine centers
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.		
525960	10' 2-Bar Rollaharrow	\$8,265.00
Rollaharrow Rollers - Order front & rear rollers		
3523490	10' Roller 10-12-17" Standard Ring - Front or Rear	\$3,735.00
525987	10' Pipe Roller 16" Front or Rear	\$2,715.00
3526186	11' Roller 10-12-17" Standard Ring - Rear only	\$4,282.00
3526187	11' Pipe Roller 16" - Rear only	\$3,392.00



Options & Accessories

Effective:

September 1, 2016

Options & Accessories		
525728	Tongue Weld Rigid Drill Hitch - Fixed Tongue Attachment	\$284.00
525641	Tongue Weld Flgd Drill Hitch - Fixed Tongue Attachment 4 1/2" Centers	\$325.00
521448	Old Style Tongue Clevis 1 3/4" Bore (For Drill Hitch or Tongue)	\$257.00
521139	Clevis Drill Hitch Small Rigid (For Drill Hitch Only)	\$168.00
523174	Clevis Mount	\$168.00
524744	Clevis - Drill Hitch 2 1/2" Bore (For Drill Hitch or Tongue)	\$268.00
524930	Pintle Hook - Drill Hitch - Folding	\$567.00
524955	Pintle Hook - Drill Hitch - Rigid	\$525.00
525657	Mount Weld for Rigid GDH - 2 1/4" Centers (For 525641)	\$94.00
524910	1/2" x 34' Hoses Male Pipe w/Male & Female Tips	Pair \$537.00
701658	Restrictor Fitting	\$16.00
525479	Greaseline Kit - Folding RH	\$901.00
980827	Dodge Bearing 2 3/16	\$236.60
524884	Double Roller Bearing 2 3/16	\$376.30
525085	Lock Collar for Double Roller Brg.	\$95.65
523905	Hydraulic Tine Bar Control Kit 4 Tine Bar 12'-14' (after market)	\$2,025.00
523906	Hydraulic Tine Bar Control Kit 4 Tine Bar 16'-24' (after market)	\$2,741.00
523304	Hydraulic Tine Bar Control Kit 4 Tine Bar 24'-26' (after market)	\$4,165.00
523171	Hydraulic Tine Bar Control Kit 4 Tine Bar 28'-30' (after market)	\$4,446.00
524913	Hydraulic Tine Bar Control Kit 4 Tine Bar 32' -36' (after market)	\$4,989.00
	Charge for After Market Change to Hyd. Tine Bar in Yard	\$899.00
	Charge for After Market Change Hyd. To Mechanical Tine Bar in Yard (Labor)	\$682.00
525432	Slotted Cap - Wing Fold Cylinder (Solid End)	\$258.00
998413	Hardened Clevis Lift Cylinder	\$71.00
524370	Strut Weld - Centered (Not Installed) (Extra for Folding)	\$777.00
524879	Strut Weld - Offset (Not Installed) (Extra for 18'-24' Rigid)	\$777.00
	Charge for Installing Struts on Existing Axles	Ea. \$485.00
524869	4-Strut Axle Wldmnt (18'-24' Rigid) Parts Only	\$4,692.00
3524869	4-Strut Axle Installed w/Order (18'-24' Rigid)	Add On \$1,302.00
524969	Tire & Wheel Assy. 11L-15 26-Ply Used Aircraft	Ea \$604.00
525743	Tire & Wheel Assy. IF 280/70R15 Radial	Ea \$529.00
525741	Tire & Wheel Assy. Truck 215/75R 17.5	Ea \$1,248.00
524005	Rigid Frame Drill Hitch Wldmnt (2010 and Older)	\$1,899.00
522620	Hub, Spindle, Wheel & IF 280/70R15 Radial Tire Assy.	\$830.00
525449	3-Strut Axle Wld (18'-24' Rigid) Parts Only	\$4,625.00
523908	Std 2-Strut Axle Wld (18' - 24' Rigid) Parts Only	\$3,259.00
	Turnbuckle in Lieu of Cylinder on Leveling Bar (2-R) (3-F)	Ea. -\$154.00
FOLDING DRILL HITCH 1997-2003		
3522326	20' - 24' 2 Bar	\$1,217.00
3522300	28' - 30' 2 Bar	\$1,247.00
3522310	20' - 24' 4 Bar	\$1,227.00
3522915	28' - 30' 4 Bar	\$1,278.00
3523172	Small Hitch	\$1,051.00
523118	Std. Tongue Weldment	\$3,354.00
524866	Std. Tongue Weldment 3 Pull Brkts (W/3rd Bracket)(Incl. 1 Pull Bracket)	\$4,070.00
525217	12' Tongue Weldment	\$4,008.00
525218	12' Tongue Assy	\$5,093.00
3525239	Drill Hitch 20' Inverted Pull	\$1,768.00
521104	Cat III Hitch Ring	\$181.00
525473	Cat 5 Bullpull® Hitch	\$646.25
521910R	IF 280/70R15 Radial Tire Only	\$321.95
525906	Hose Hanger (Support Behind Tractor)	\$101.00



Parma Rollaharrow

Rigid Export Models
Four Tine Bar

Effective:
September 1, 2016

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"	\$39,175.00
	14' 4 Bar Rollaharrow 43 Tines	12200#	15' 10"	\$42,135.00
	16' 4 Bar Rollaharrow 47 Tines	13600#	17' 10"	\$46,194.00
	18' 4 Bar Rollaharrow 55 Tines	15800#	19' 10"	\$54,033.00
	20' 4 Bar Rollaharrow 59 Tines	17200#	21' 10"	\$57,009.00

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



Parma Rollaharrow

Folding Export Models
Four Tine Bar

Effective:
September 1, 2016

Standard Equipment

Heavy Duty S-Tines - Standard Clearance - 4" Centers	Screw Jack for Tongue
Adjustable Tine Bed	All Cylinders, Hoses, Ends to Tractor
Six IF 280/70R15 Radial Tires, 24-30'	Reversible 1" Chisel Points
Category 3 Ring Hitch Std	Hyd Controlled Smoothing Bar with Depth Indicator
3/8" Heavy Duty Tongue - 1-1/4" Pull Pins	Warning Light Kit Standard
Transport Locks on Lift Cylinders	2-3/16" All Shafts & Domestic Bearings
2700 PSI Required for Folding 26', 28' & 30'	1' Extended Rear Roller
Saf-T-Chain	3 Hinge Points (Wings) w/Adjuster Wrench
Boltable/Weldable Split Frame for Containerizing (Split for Front and Rear Halves on center, LH & RH Halves on Wings)	2-3/16" All Shafts & Hvy Duty Dbl Roller Bearings
	12-14-20 Ductile Rings Front and Rear
	Loading Dollies and Stands

Order Number	Description	Approx Wt.	Towing Width	List Price
	24' 4 Bar Rollaharrow 73 Tines	20200#	14'	\$79,995.00
	26' 4 Bar Rollaharrow 79 Tines	21750#	14'	\$80,950.00
	28' 4 Bar Rollaharrow 85 Tines	23900#	16'	\$81,985.00
	30' 4 Bar Rollaharrow 91 Tines	25500#	16'	\$82,925.00

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

Note: 187bar or 2700 PSI Required to Fold - Clean

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