



**MANUFACTURERS OF QUALITY AGRICULTURAL EQUIPMENT SINCE 1936**

March 12, 2014

### McFarlane – Great Plains Flexharrow Comparison

In an effort to provide as much competitive product information as possible, following are price and specification comparisons for the McFarlane HDL-1000 harrows vs. the Great Plains HD Flex harrows. This information is based on the best information we have available at this time, however, the Great Plains marketing documents are somewhat vague on specifications. The comparisons were made based on the following;

- Great Plains price list effective October 1, 2013. McFarlane price list effective July 1, 2013
- To price a complete Great Plains harrow unit requires selecting a base model and adding a harrow attachment, 8-bar, 12 bar, or 16 bar.
- Great Plains machine weights were taken from page 19 of the operator's manual. As you can see, only a weight range is provided. We calculated the weights assuming the low end of the range was for the 8-bar harrow, the high end being the 16-bar, and the 12-bar half way in between. We are very skeptical about the accuracy of these weights, and the published weights for the 30' and 36' models.
- Great Plains offers 7 sizes, ranging from 24' to 51', each with a choice of 8, 12, or 16 bars. McFarlane offers 14 sizes, ranging from 25'8" to 49'9", each with a choice of 4+4, 6+6, 8+8, 8, or 16-bars. McFarlane also offers 5 sizes, ranging from 51'3" to 60'4" with 4+4 or 8 bars.
- In addition to the HDL1000 series, McFarlane also offers the HDL series, with 13 sizes, ranging from 16'7" to 36'2", each with a choice of 4+4 or 8-bars, the HDL100 series, with 13 sizes ranging from 16'7" to 40'8", each with a choice of 4+4 or 8-bars, and the WDL2000 rear fold series, with 3 sizes ranging from 60'4" to 80', each with a choice of 4+4, 6+6, 8,+8, 8, or 16-bars.

Recently we have heard about some harrow deals being lost to Great Plains due to price. Hopefully this information will be helpful in making sure that customers are being quoted "apples to apples" prices. With the size ranges and harrow configurations we believe that only McFarlane has the most products to fit the customers' needs.

Good Selling!  
Steve Pesik

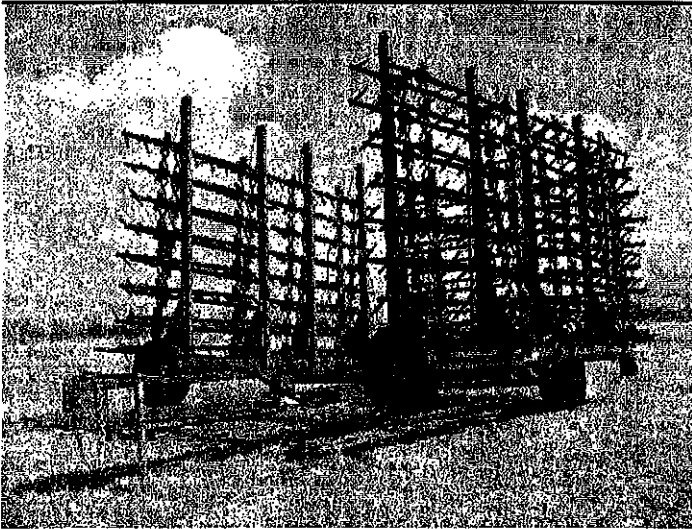
McFarlane - Great Plains Harrow Price Comparison  
March 1, 2014

Brand	Model	Width	Weight	List Price
Great Plains	FH6424HD-8 Bar	24'	4,050	\$ 14,709
McFarlane	HDL-1024-8	25'8"	4,377	\$ 14,685
Great Plains	FH6424HD - 12 Bar	24'	4,300	\$ 15,888
McFarlane	HDL-1024-66	25'8"	4,819	\$ 16,399
Great Plains	FH6424HD-16 Bar	24'	4,550	\$ 17,067
McFarlane	HDL-1024-16	25'8"	5,261	\$ 17,472
Great Plains	FH6630HD-8 Bar	30'	5,000	\$ 16,229
McFarlane	HDL-1030-8	30'1"	4,632	\$ 15,371
Great Plains	FH6630HD - 12 Bar	30'	5,250	\$ 17,822
McFarlane	HDL-1030-66	30'1"	5,125	\$ 17,220
Great Plains	FH6630HD - 16 Bar	30'	5,650	\$ 19,416
McFarlane	HDL-1030-16	30'1"	5,618	\$ 18,914
Great Plains	FH6636HD-8 Bar	36'	6,000	\$ 17,351
McFarlane	HDL-1036-8	36'2"	4,981	\$ 15,954
Great Plains	FH6636HD-12 Bar	36'	6,225	\$ 19,095
McFarlane	HDL-1036-66	36'2"	5,542	\$ 18,127
Great Plains	FH6636HD - 16 Bar	36'	6,450	\$ 20,840
McFarlane	HDL-1036-16	36'2"	6,103	\$ 19,931
Great Plains	FH6642HD-8 Bar	42'	6,200	\$ 20,010
McFarlane	HDL-1042-8	42'2"	6,735	\$ 19,009
Great Plains	FH6642HD - 12 Bar	42'	6,450	\$ 21,148
McFarlane	HDL-1042-66	42'2"	7,415	\$ 21,648
Great Plains	FH6642HD-16 Bar	42'	6,700	\$ 23,422
McFarlane	HDL-1042-16	42'2"	8,095	\$ 24,067
Great Plains	FH6845HD-8 Bar	45'	6,250	\$ 20,175
McFarlane	HDL-1046-8	45'2"	6,880	\$ 19,206
Great Plains	FH6845HD - 12 Bar	45'	6,750	\$ 22,432
McFarlane	HDL-1046 - 66	45'2"	7,594	\$ 21,694
Great Plains	FH6845HD - 16 Bar	45'	7,250	\$ 24,689
McFarlane	HDL-1046-16	45'2"	8,308	\$ 24,143
Great Plains	FH6848HD-8 Bar	48'	6,700	\$ 21,443
McFarlane	HDL-1048-8	48'3"	7,401	\$ 21,155
Great Plains	FH6848HD - 12 Bar	48'	7,200	\$ 23,875
McFarlane	HDL-1048-66	48'3"	9,031	\$ 23,962
Great Plains	FH6848HD - 16 Bar	48'	7,700	\$ 26,306
McFarlane	HDL-1048-16	48'3"	9,779	\$ 26,550
Great Plains	FH6651HD-8 Bar	51'	7,100	\$ 22,003
McFarlane	HDL-1052-8	51'3"	7,782	\$ 22,423
Great Plains	FH6851HD - 12 Bar	51'	7,700	\$ 24,481
McFarlane	HDL-1050-66	49'9"	9,120	\$ 24,247
Great Plains	FH6851HD - 16 Bar	51'	8,300	\$ 26,960
McFarlane	HDL-1050-16	49'9"	9,885	\$ 26,885

Specifications	Great Plains	McFarlane
Frame Construction	1/4" wall tube	6" x 1/4" wall tube Wings 6" x 5/16" wall tube
Transport Tires	24' Single 11L15-8PR 30'-42' Single 12.5L-15 8PR 45'-51' Single 12.5L-15 12PR	Dual 11L-15 8PR
Hubs	Single 8-bolt 4500#	Dual 6-bolt 3560#
Walking Axle Option	No	Yes
Wing Pivot Pin Diameter	1-1/2"	1-1/2"
Harrow Teeth	1/2" x 6	5/8x7/8" x 6

# Heavy Duty Flex Harrows

Effective Oct 1, 2013



## Standard Equipment

- Single Hydraulic Valve operation
- Hydraulic Wing Fold
- Heavy Duty Frame - 1/4" wall tubing
- Over sized cylinders for lifting and folding
- Cable lift arm - automatic double spring
- Replaceable Forge Hardened 6" teeth w/locknuts
- Tooth angle settings - 20 or 40°
- Tooth spacing 9"
- Adjustable hitch height
  - 8 bar - 11 teeth per ft - 9" spacing
  - 12 bar - 16 teeth per ft - 9" spacing
  - 16 bar - 21.3 teeth per ft - 9" spacing
- Hubs - 8 hole transport / 6 hole wing section
- Bolt in spindles
- Transport Tires
  - 24 ft (11L15 8 ply)
  - 30-42 ft (12.5L15 8 ply)
  - 45-51 ft (12.5L15 12 ply)
- Wing Tires

## HD Flex Harrow Models

Base Model	Description	# of Sections	Transport Width	HP per ft	List Price	Tow Away
FH6424HD	Heavy Duty Frame 24'	4	12' 8"	3	\$ 11,756	\$ 1,200
FH6830HD	Heavy Duty Frame 30'	6	12' 8"	3	12,064	1,500
FH6636HD	Heavy Duty Frame 36'	6	12' 8"	3	12,896	1,800
FH6642HD	Heavy Duty Frame 42'	6	12' 8"	3	14,768	2,100
FH6845HD	Heavy Duty Frame 45'	8	12' 8"	3	15,287	2,250
FH6848HD	Heavy Duty Frame 48'	8	12' 8"	3	15,510	2,400
FH6851HD	Heavy Duty Frame 51'	8	12' 8"	3	16,126	2,500

## HARROW ATTACHMENT - choose 1

Width	8 Bar Harrow OPTION 08	
24'	564-094A	\$ 2,953
30'	564-095A	4,165
36'	564-096A	4,455
42'	564-097A	5,242
45'	564-098A	5,695
48'	564-099A	5,833
51'	564-100A	5,877

12 Bar Harrow OPTION 12	
564-073A	\$ 4,132
564-074A	5,758
564-075A	6,199
564-076A	6,380
564-077A	8,042
564-078A	8,285
564-079A	8,355

16 Bar Harrow OPTION 16	
564-080A	\$ 5,311
564-081A	7,352
564-082A	7,944
564-083A	8,654
564-084A	10,390
564-085A	10,686
564-086A	10,834

## Accessories (Dealer Installed)

Extensions 1 1/2 foot - adds 1 1/2 ft to width of harrow - install outside ends.

12 Bar	564-048A	\$ 328
16 Bar	564-049A	437

26 ft Hose Extension Package  
30 ft Hose Extension Package

575-938A	256
575-939A	271

## Transport

### **▲ DANGER**

#### *Loss of Control Hazard:*

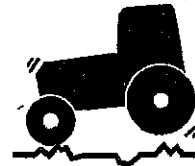
Do not tow the harrow behind another implement on public roads. Tow the harrow to the field with a separate vehicle. The leading implement may not provide sufficient lateral control of a trailing implement at highway speeds. The total weight of the train can also exceed the steering and/or braking capability of the tractor. The resulting accident could cause serious injury or death.



### **▲ DANGER**

#### *Loss of Control Hazard:*

Use an adequate towing vehicle. Never tow an implement that weighs more than 150% of the towing vehicle (transport vehicle must weigh at least 67% of implement). Ensure that the towing vehicle is adequate for the task. Using an inadequate tow vehicle is extremely unsafe, and can result in loss of control, serious injury and death.



See tables below for harrow transport weights.

### **▲ DANGER**

#### *Braking and Loss of Control Hazard:*

Do not exceed 20 mph (32 kph). Slow down on rough roads.

## Harrow Transport Weights

Model	FH6424HD	FH6630HD	FH6636HD	FH6642HD
Weight Range	4,050 - 4,550 lbs 1830 - 2060 kg	5,000 - 5,650 lbs 2270 - 2570 kg	6,000 - 6,450 lbs 2720 - 2930 kg	6,200 - 6,700 lbs 2810 - 3040 kg
Model	FH6845HD	FH6848HD	FH6851HD	
Weight Range	6,250 - 7,250 lbs 2840 - 3280 kg	6,700 - 7,700 lbs 3030 - 3500 kg	7,100 - 8,300 lbs 3210 - 3760 kg	

## Transport Steps

Know your implement weight. If tractor capabilities are marginal, check actual weight of implement at a scale.

1. Check that implement is securely hitched to a sufficient tractor (page 13).
2. Always use a locking-style hitch pin sized to match holes in hitch and draw-bar, and rated for the load.
3. Attach safety chain to tractor with enough slack to permit turning (page 13).
4. Verify correct operation of lights.
5. Fold flex harrow (page 18).
6. Hook transport chains (page 18).
7. Check that tires are properly inflated (page 32).
8. Plan the route. Avoid steep hills.
9. Always have lights on for highway operation.
10. Do not exceed 32 kph (20 mph). Comply with all national, regional and local laws when traveling on public roads.
11. Remember that the implement may be wider than the towing vehicle. Allow safe clearance.
12. Transport slowly over uneven or rough terrain.

- Connect leading chains first, then fold the arms down for connecting trailing chains.
- Connect/move linking chains last.

Model	Left Wing			Center Wing		Right Wing			
	#20 Extension	Outside	Mid	Inside	Left	Right	Inside	Mid	Outside
<b>FH6424HD</b>			6ft 8R 564-102A		6ft 8R 564-102A	6ft 8R 564-102A		6ft 8R 564-102A	
			6ft 12R 564-043A		6ft 12R 564-043A	6ft 12R 564-043A		6ft 12R 564-043A	
#20 4R Extension 564-059A			6 ft Ext 564-044L		6 ft Ext 564-044L	6 ft Ext 564-044L		6 ft Ext 564-044L	
<b>FH6630HD</b>	4.5ft 8R 564-101A		4.5ft 8R 564-101A		6ft 8R 564-102A	6ft 8R 564-102A	4.5ft 8R 564-101A		4.5ft 8R 564-101A
	4.5ft 12R 564-041A		4.5ft 12R 564-041A		6ft 12R 564-043A	6ft 12R 564-043A	4.5ft 12R 564-041A		4.5ft 12R 564-041A
#20 4R Extension 564-061A	4.5 ft Ext 564-042L		4.5 ft Ext 564-042L		6 ft Ext 564-044L	6 ft Ext 564-044L	4.5 ft Ext 564-042L		4.5 ft Ext 564-042L
<b>FH6636HD</b>	6ft 8R 564-102A		6ft 8R 564-102A		6ft 8R 564-102A	6ft 8R 564-102A	6ft 8R 564-102A		6ft 8R 564-102A
	6ft 12R 564-043A		6ft 12R 564-043A		6ft 12R 564-043A	6ft 12R 564-043A	6ft 12R 564-043A		6ft 12R 564-043A
#20 4R Extension 564-063A	6 ft Ext 564-044L		6 ft Ext 564-044L		6 ft Ext 564-044L	6 ft Ext 564-044L	6 ft Ext 564-044L		6 ft Ext 564-044L
<b>FH6642HD</b>	7.5ft 8R 564-103A		7.5ft 8R 564-103A		6ft 8R 564-102A	6ft 8R 564-102A	7.5ft 8R 564-103A		7.5ft 8R 564-103A
	7.5ft 12R 564-045A		7.5ft 12R 564-045A		6ft 12R 564-043A	6ft 12R 564-043A	7.5ft 12R 564-045A		7.5ft 12R 564-045A
#20 4R Extension 564-065A	7.5 ft Ext 564-046L		7.5 ft Ext 564-046L		6 ft Ext 564-044L	6 ft Ext 564-044L	7.5 ft Ext 564-046L		7.5 ft Ext 564-046L
<b>FH6845HD</b>	4.5ft 8R 564-101A	6ft 8R 564-102A	6ft 8R 564-102A		6ft 8R 564-102A	6ft 8R 564-102A	6ft 8R 564-102A	6ft 8R 564-102A	4.5ft 8R 564-101A
	4.5ft 12R 564-041A	6ft 12R 564-043A	6ft 12R 564-043A		6ft 12R 564-043A	6ft 12R 564-043A	6ft 12R 564-043A	6ft 12R 564-043A	4.5ft 12R 564-041A
#20 4R Extension 564-066A	4.5 ft Ext 564-042L	6 ft Ext 564-044L	6 ft Ext 564-044L		6 ft Ext 564-044L	6 ft Ext 564-044L	6 ft Ext 564-044L	6 ft Ext 564-044L	4.5 ft Ext 564-042L
<b>FH6848HD</b>	6ft 8R 564-102A	6ft 8R 564-102A	6ft 8R 564-102A		6ft 8R 564-102A	6ft 8R 564-102A	6ft 8R 564-102A	6ft 8R 564-102A	6ft 8R 564-102A
	6ft 12R 564-043A	6ft 12R 564-043A	6ft 12R 564-043A		6ft 12R 564-043A	6ft 12R 564-043A	6ft 12R 564-043A	6ft 12R 564-043A	6ft 12R 564-043A
#20 4R Extension 564-067A	6 ft Ext 564-044L	6 ft Ext 564-044L	6 ft Ext 564-044L		6 ft Ext 564-044L	6 ft Ext 564-044L	6 ft Ext 564-044L	6 ft Ext 564-044L	6 ft Ext 564-044L
<b>FH6851HD</b>	6ft 8R 564-102A	6ft 8R 564-102A	7.5ft 8R 564-103A		6ft 8R 564-102A	6ft 8R 564-102A	7.5ft 8R 564-103A	6ft 8R 564-102A	6ft 8R 564-102A
	6ft 12R 564-043A	6ft 12R 564-043A	7.5ft 12R 564-045A		6ft 12R 564-043A	6ft 12R 564-043A	7.5ft 12R 564-045A	6ft 12R 564-043A	6ft 12R 564-043A
#20 4R Extension 564-068A	6 ft Ext 564-044L	6 ft Ext 564-044L	7.5 ft Ext 564-046L		6 ft Ext 564-044L	6 ft Ext 564-044L	7.5 ft Ext 564-046L	6 ft Ext 564-044L	6 ft Ext 564-044L

Model	Center	Wing	Cable	E-610	E-611
HDL-16-8	2 FH-500	2 FH-600	3/8 x 110	168	8
HDL-18-8	2 FH-600	2 FH-600	3/8 x 122	184	8
HDL-20-8	2 FH-600	2 FH-700	3/8 x 122	200	8
HDL-22-8	2 FH-700	2 FH-800	3/8 x 136	232	8
HDL-24-8	2 FH-600	4 FH-500	3/8 x 145	244	12
HDL-26-8	2 FH-500	4 FH-600	3/8 x 145	260	12
HDL-28-8	2 FH-700	4 FH-600	3/8 x 166	292	12
HDL-30-8	2 FH-600	4 FH-700	3/8 x 166	308	12
HDL-32-8	2 FH-700	4 FH-700	3/8 x 180	324	12
HDL-34-8	2 FH-700	4 FH-800	3/8 x 192	356	12
HDL-36-8	2 FH-800	4 FH-800	3/8 x 192	372	12
HDL-116-8	2 FH-600	2 FH-500	N/A	168	8
HDL-118-8	2 FH-600	2 FH-600	3/8 x 105	184	8
HDL-120-8	2 FH-600	2 FH-800	3/8 x 105	216	8
HDL-122-8	2 FH-600	2 FH-900	3/8 x 105	232	8
HDL-124-8	2 FH-600	2 FH-500 2 FH-600	3/8 x 105	260	12
HDL-126-8	2 FH-600	4 FH-600	3/8 x 105	276	12
HDL-128-8	2 FH-600	2 FH-600 2 FH-700	3/8 x 105	292	12
HDL-130-8	2 FH-600	4 FH-700	3/8 x 105	308	12
HDL-132-8	2 FH-700	4 FH-700	3/8 x 145	324	12
HDL-134-8	2 FH-700	4 FH-800	3/8 x 145	356	12
HDL-136-8	2 FH-700	2 FH-800 2 FH-900	3/8 x 145	372	12
HDL-138-8	2 FH-700	4 FH-900	3/8 x 145	388	12
HDL-140-8	2 FH-700	2 FH-600 4 FH-700	3/8 x 145	416	16
HDL-1024-8	2 FH-700	4 FH-500	3/8 x 180	260	12
HDL-1026-8	2 FH-700	2 FH-500 2 FH-600	1/2 x 190	276	12
HDL-1028-8	2 FH-700	4 FH-600	1/2 x 190	292	12
HDL-1030-8	2 FH-700	2 FH-600 2 FH-700	1/2 x 195	308	12
HDL-1032-8	2 FH-700	4 FH-700	1/2 x 202	324	12
HDL-1034-8	2 FH-700	4 FH-800	1/2 x 202	356	12
HDL-1036-8	2 FH-700	2 FH-800 2 FH-900	1/2 x 202	372	12
HDL-1038-8	2 FH-700	4 FH-900	1/2 x 190	388	12
HDL-1040-8	2 FH-800	4 FH-600 2 FH-700	1/2 x 190	416	16
HDL-1042-8	2 FH-800	2 FH-600 4 FH-700	1/2 x 190	432	16
HDL-1044-8	2 FH-800	6 FH-700	1/2 x 190	448	16
HDL-1046-8	2 FH-800	4 FH-700 2 FH-800	1/2 x 190	464	16
HDL-1048-8	2 FH-800	6 FH-800	1/2 x 202	496	16
HDL-1050-8	2 FH-800	4 FH-800 2 FH-900	1/2 x 202	512	16
WDL-2040-8	2 FH-800	4 FH-600 2 FH-700	1/2 x 214	416	16
WDL-2045-8	2 FH-800	4 FH-700 2 FH-800	1/2 x 230	464	16
WDL-2050-8	2 FH-800	4 FH-800 2 FH-900	1/2 x 230	512	16
WDL-2055-8	2 FH-800	8 FH-700	1/2 x 260	556	20
WDL-2060-8	2 FH-800	8 FH-800	1/2 x 288	620	20
WDL-2070-8	2 FH-800	4 FH-700 6 FH-800	1/2 x 332	712	24