



HDL-100 Series Transport Cart

New Features

- ⇒ Telescoping hitch.
- ⇒ Narrow main frame.
- ⇒ Fully trussed toolbar.
- ⇒ Hydraulic lift and fold
- ⇒ Machined high-carbon teeth.
- ⇒ Higher strength section pull chains.



Trussed wing eliminates wing cable & wings float up/down in uneven terrain.

One Pass System

The HDL-100 Series carts are a great match to any primary tillage tool, creating a one pass system for seedbed preparation. The long telescoping hitch and narrow frame make it ideal for towing behind a field cultivator or disk. The single hydraulic circuit is easy to operate both in the field and in transport.

Multipurpose Design

These and more industry leading features can be found on the McFarlane 100 Series 8-bar harrow. The 10 teeth per foot coverage is what is needed to break and level the toughest soil types. Damp fields can be aerated and dried in a single pass and chemicals are incorporated to recommended depths. Trussed and gusseted frame ensures trouble free operation. And, the single hydraulic circuit control makes it easy to use.

**Also available for chain harrow sections.*

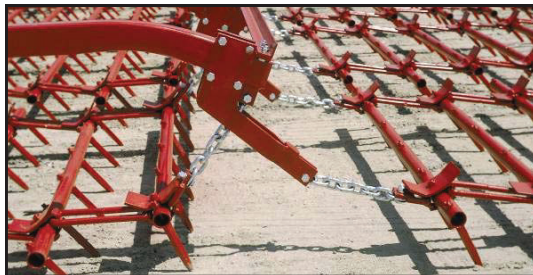


HDL-100 Series models are available from 16' to 40' working width.



8 Bar Spike Tooth Harrow

Harrow sections are fully flexible, following the contour for even coverage, but resist bunching in high residue. The ten teeth per foot provides the coverage necessary to level and firm the seedbed. Machined high-carbon teeth, heavy wall harrow pipe and high strength pull chains stand up to the toughest conditions.



4+4 Bar Spike Tooth Harrow

Get the same ten teeth per foot coverage as the 8-bar section, but with better residue handling capability. The front 4 and back 4 bars are pulled independently and can even be run in standing corn stalks. Use the 4+4 to cover exposed seed or level, smooth and firm tilled fields.



Model	Width	Model	Width
HDL-116	16' 7"	HDL-128	28' 7"
HDL-118	18' 1"	HDL-130	30' 1"
HDL-120	19' 6"	HDL-132	31' 7"
HDL-122	22' 7"	HDL-134	34' 7"
HDL-124	25' 8"	HDL-136	35' 8"
HDL-126	27' 1"	HDL-138	37' 8"
		HDL-140	40' 8"

Transport width: 10' 9" (116-130)

12' 3" (132-140)

Transport height: 9' 6" (maximum)

Tires: 11L x 15 (main) 9.5L x 15 (wing)

8-Bar & 4+4 sections: 31 lbs/ft & 10 teeth/ft

3-Bar Heavy sections: 28 lbs/ft & 3 teeth/ft

5-Bar Heavy sections: 46 lbs/ft & 6 teeth/ft

Single Rolling Basket: 12" dia. & 8 blades



McFARLANE

16-BAR

FORWARD FOLD



HDL-1100

McFARLANE
MFG. CO. INC.



**GENERAL
IMPLEMENT**
DISTRIBUTORS

HDL-1100

TWICE THE COVERAGE, TWICE THE PERFORMANCE



THE TOTAL TILLAGE TOOL

McFarlane's 16 Bar Spike Tooth Forward-Fold Harrow is more than a harrow. It is a total tillage tool. It's a tool that provides superior performance for field finishing, field preparation and chemical incorporation.

The 16-Bar gives you double coverage and double performance. With 2 -to- 3 times the normal number of bars and spikes, McFarlane's 16-Bar thoroughly breaks and stirs the soil - significantly reducing field preparation time. Depending on soil conditions, some operators use the McFarlane 16-Bar alone for spring field preparation.

The 16-Bar Harrow is the ideal tool for shallow chemical incorporation. It provides superior coverage taking chemicals to the 1"- to- 2" depth recommended by many manufacturers. The result is better incorporation and better performance from your herbicides.



Wing Fold Cushion

Integrated spring cushion for smooth transition to field position



Wing Rest

UHMW cover prevents paint scuffing. Securing pin provides positive lock

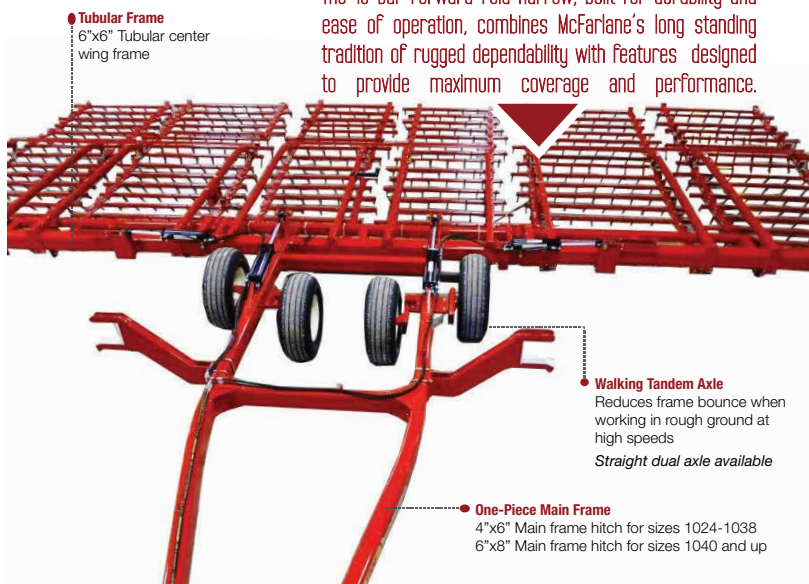
"For a long time our chemical people have been recommending shallow incorporation for best results. We've found that our McFarlane 16-Bar does the best job for us. It takes the chemical down 2" - 3" where it does the most good. Best of all, the double coverage of the 16-Bar means only one pass through our wheat fields."

Terry Rindlbaker - Bancroft, ID

"We've followed strict soil conservation practices for quite some time. In fact, I'm a Soil Conservation Commissioner for Jasper County, IA. We have 40% - 50% residue on our corn ground. My McFarlane 8-Bar Harrow does an excellent job leveling and distributing the residue, without plugging. I disc once, follow with the harrow and I'm ready to plant."

Calvin Winn - Newton, IA

The 16-Bar Forward-Fold Harrow, built for durability and ease of operation, combines McFarlane's long standing tradition of rugged dependability with features designed to provide maximum coverage and performance.



● **Tubular Frame**
6"x6" Tubular center wing frame

● **Walking Tandem Axle**
Reduces frame bounce when working in rough ground at high speeds
Straight dual axle available

● **One-Piece Main Frame**
4"x6" Main frame hitch for sizes 1024-1038
6"x8" Main frame hitch for sizes 1040 and up

16-Bar FF Features

- Single hydraulic circuit for lift and fold
- Long hitch for easy turning
- Heavy-duty one piece frame fabricated out of tubular steel
- Excellent for leveling chisel plow ridges in spring
- Ideal when teamed behind a field cultivator or disc
- Good for broadcast seeding
- Harrow bars are fully flexible for superior leveling
- 20 Teeth per foot for excellent coverage
- High-carbon replaceable diamond teeth
- Two positive pitch teeth settings - 50° or reverse harrow pull at 38°



Large Trussed Toolbar

Increased strength does not require a pull cable which allows for tighter turning when pulled in tandem with another tillage tool

"The McFarlane 16-Bar is a true multi-purpose tool. We've used it for a variety of tasks in a variety of soil conditions - and it has performed very well. In spring we're able to go into the fields and prepare them in a single pass. Then we are ready to plant"

Earl Schnittker
Hoyleton, IL



**GENERAL
IMPLEMENT**
DISTRIBUTORS



SPECIFICATIONS

Model #	Cutting Width	Transport Width	Weight
HDL-1124-16	25'-8"	13'4"	5,261 lbs.
HDL-1126-16	27'-1"	13'4"	5,380 lbs.
HDL-1128-16	28'-7"	13'4"	5,499 lbs.
HDL-1130-16	30'-1"	13'4"	5,618 lbs.
HDL-1132-16	31'-7"	13'4"	5,737 lbs.
HDL-1134-16	34'-7"	13'4"	5,924 lbs.
HDL-1136-16	36'-2"	13'4"	6,103 lbs.
HDL-1138-16	37'-8"	13'4"	6,506 lbs.
HDL-1140-16	40'-8"	14'6"	7,989 lbs.
HDL-1142-16	42'-2"	14'6"	8,095 lbs.
HDL-1144-16	43'-8"	14'6"	8,201 lbs.
HDL-1146-16	45'-2"	14'6"	8,308 lbs.
HDL-1148-16	48'-3"	14'6"	9,779 lbs.
HDL-1150-16	49'-9"	14'6"	9,885 lbs.



McFARLANE

16-BAR

REAR FOLD

WDL-2000



McFARLANE

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16-BAR REAR FOLD HARROW



The Total Tillage Tool

McFarlane's 16-Bar Spike Tooth Rear-Fold Harrow is more than a harrow. It is a total tillage tool that provides superior performance for field finishing, field preparation, and chemical incorporation.

The 16-Bar Rear-Fold gives you a double coverage, and double performance. With 2 to 3 times the normal number of bars and spikes, McFarlane's 16-Bar Rear-Fold thoroughly breaks and stirs the soil - significantly reducing field preparation time. Depending on soil conditions, some operators use the McFarlane 16-Bar Rear-Fold alone for Spring field preparation.



Auto Backup Wing, Pull-Tube Assembly



**Twice the Coverage,
Twice the Performance
Over Traditional Harrows**

Outstanding Incorporation

The 16-Bar Rear-Fold Harrow is the ideal tool for shallow chemical incorporation. It provides superior coverage, and more importantly, the McFarlane 16-Bar Rear-Fold is ideal for shallow incorporation - taking chemicals to the 1" - to 2" depth recommended by many manufacturers. The result is better incorporation and better performance from your herbicides.

The 16-Bar Harrow makes a firm seedbed for small grains such as sesame and wheat. It is also excellent for preparing hay ground and scattering wheat straw - it won't leave bunches.



The 16-Bar Rear-Fold Harrow combines McFarlane's long standing tradition of rugged dependability with features designed to provide maximum coverage and performance.

- 16 harrow bars for superior leveling
- Ideal when teamed behind a field cultivator or disc
- Fully flexible
- 20 teeth per foot for excellent coverage
- High-carbon replaceable diamond teeth
- Two positive pitch teeth settings - 50° or reverse harrow pull at 38°

McFARLANE

16-BAR



Producers Point-of-View

"It's quite a tool. It definitely levels the ground and makes a firm seedbed., but I am also using it to pull crabgrass that keeps rowing because it takes it out by the roots. We are also using it in our hay fields to level the ground and pull out weeds."

- Howard Adams, Fargo, OK

"I like my harrow because of its ability to firm and smooth my seedbed. I will use it in conjunction with a fallowmaster to eliminate the use of a disk."

- Ernest Schmidt, Alva, OK

"Our local dealer, A&H Implement, wanted us to try McFarlane's 16-Bar flexible spike tooth harrow. We like it so well, we wouldn't let him take it back! In the areas where we used it ahead of our air seeder, the grain emerged much more evenly. We're very impressed! We're also using it to level and firm the soil. It does an excellent job of sealing moisture in."

- John and Jack Scott, Gilby, ND

Specifications

Model #	Cutting Width	Transport Width	Weight
WDL-2160-16	60'4"	15'9"	12,174 lbs.
WDL-2170-16	69'7"	15'9"	13,632 lbs.
WDL-2180-16	80'0"	15'9"	15,107 lbs.
WDL-2190-16	90'0"	15'9"	16,400 lbs.

HDL-100 SERIES FLEXIBLE SPIKE TOOTH HARROWS

HDL-100 FLEXIBLE SPIKE TOOTH HARROW



- Hydraulic lift and fold for easy transportation.
- Long, telescoping hitch for easy turning.
- Narrow main frame.
- 32' through 40' models feature a double-trussed square tubular steel center and wing frame.
- Features our FH series open-end flexible sections.

Light kit included in pricing.

APPROXIMATE SETUP TIME:

HDL-100 = 8-10 hours

All Hydraulic Forward-Fold Transport Cart

MODEL	Size	Weight	List Price
8-Bar Sections			
HDL-116-8	16'-7"	2,723 lbs.	\$18,134
HDL-118-8	18'-1"	2,778 lbs.	\$18,331
HDL-120-8	19'-6"	2,869 lbs.	\$19,263
HDL-122-8	22'-7"	2,925 lbs.	\$19,496
HDL-124-8	25'-8"	3,293 lbs.	\$21,997
HDL-126-8	27'-1"	3,348 lbs.	\$22,204
HDL-128-8	28'-7"	3,402 lbs.	\$22,431
HDL-130-8	30'-1"	3,458 lbs.	\$22,665
HDL-132-8	31'-7"	4,176 lbs.	\$24,393
HDL-134-8	34'-7"	4,283 lbs.	\$24,876
HDL-136-8	36'-2"	4,341 lbs.	\$25,115
HDL-138-8	37'-8"	4,431 lbs.	\$25,458
HDL-140-8	40'-8"	4,792 lbs.	\$27,727
4+4 Bar Sections			
HDL-116-44	16'-7"	2,807 lbs.	\$18,281
HDL-118-44	18'-1"	2,862 lbs.	\$18,470
HDL-120-44	19'-6"	2,953 lbs.	\$19,385
HDL-122-44	22'-7"	3,009 lbs.	\$19,613
HDL-124-44	25'-8"	3,398 lbs.	\$22,141
HDL-126-44	27'-1"	3,453 lbs.	\$22,335
HDL-128-44	28'-7"	3,507 lbs.	\$22,556
HDL-130-44	30'-1"	3,563 lbs.	\$22,988
HDL-132-44	31'-7"	4,281 lbs.	\$24,652
HDL-134-44	34'-7"	4,388 lbs.	\$25,115
HDL-136-44	36'-2"	4,446 lbs.	\$25,343
HDL-138-44	37'-8"	4,536 lbs.	\$25,660
HDL-140-44	40'-8"	4,918 lbs.	\$28,228

HDL-1100 SERIES FLEXIBLE SPIKE TOOTH HARROWS



- Hydraulic cylinders raise and lower harrows without heavy lifting.
- Heavy-duty single fabricated frame of rectangular tubular steel.
- Long hitch for easy turning.
- High-carbon replaceable diamond teeth.
- Features our FH series open-end flexible sections.

- Elimination of wing pull cables allows for greater clearance when turning in field position while being pulled behind another tool.
- Wing transport locks provides positive lock and is easy to use.
- Standard walking axle with optional dual axle available.

HARROW HP REQUIREMENTS:

8-bar: 2-3 HP/ft
16-bar: 4-6 HP/ft

APPROXIMATE SETUP TIME:

HDL-1124-1138 = 12-19 hours
HDL-1140-1150 = 20-25 hours
HDL-1152-1160 = 26-30 hours

Transport Dimensions

MODEL	Width	Height	Length
HDL-116 - HDL-130	10'-4"	9'	20'-6"
HDL-132 - HDL-140	12'	9'-9"	22'-4"
HDL-116-U - HDL-130-U	10'-4"	11'-9"	20'-6"
HDL-132-U - HD-140-U	12'	12'-6"	22'-4"

Heavy-Duty All Hydraulic Forward-Fold Transport Cart and Sections

MODEL	Size	Weight	List Price
8-Bar Harrow Sections			
HDL-1124-8	25'-8	5,510 lbs.	\$28,673
HDL-1126-8	27'-1	5,309 lbs.	\$29,087
HDL-1128-8	28'-7	5,362 lbs.	\$29,506
HDL-1130-8	30'-1	5,458 lbs.	\$29,951
HDL-1132-8	31'-7	5,512 lbs.	\$30,366
HDL-1134-8	34'-7	5,667 lbs.	\$30,744
HDL-1136-8	36'-2	5,720 lbs.	\$31,039
HDL-1138-8	37'-8	5,774 lbs.	\$31,780
HDL-1140-8	40'-8	7,965 lbs.	\$36,339
HDL-1142-8	42'-2	8,018 lbs.	\$36,730
HDL-1144-8	43'-8	8,073 lbs.	\$37,132
HDL-1146-8	45'-2	8,126 lbs.	\$37,816
HDL-1148-8	48'-3	8,294 lbs.	\$40,734
HDL-1150-8	49'-9	8,288 lbs.	\$41,180
HDL-1152-8	51'-3	9,285 lbs.	\$42,551
HDL-1154-8	54'-3	9,823 lbs.	\$44,945
HDL-1156-8	55'-9	9,950 lbs.	\$47,038
HDL-1158-8	57'-3	9,969 lbs.	\$47,214
HDL-1160-8	60'-4	10,112 lbs.	\$47,632

MODEL	Size	Weight	List Price
4+4-Bar Harrow Sections			
HDL-1124-44	25'-8	5,412 lbs.	\$29,900
HDL-1126-44	27'-1	5,210 lbs.	\$29,465
HDL-1128-44	28'-7	5,264 lbs.	\$29,870
HDL-1130-44	30'-1	5,360 lbs.	\$30,307
HDL-1132-44	31'-7	5,413 lbs.	\$30,900
HDL-1134-44	34'-7	5,569 lbs.	\$31,068
HDL-1136-44	36'-2	5,621 lbs.	\$31,375
HDL-1138-44	37'-8	5,676 lbs.	\$32,081
HDL-1140-44	40'-8	7,834 lbs.	\$38,002
HDL-1142-44	42'-2	7,887 lbs.	\$38,391
HDL-1144-44	43'-8	7,942 lbs.	\$38,910
HDL-1146-44	45'-2	7,995 lbs.	\$39,124
HDL-1148-44	48'-3	8,103 lbs.	\$42,391
HDL-1150-44	49'-9	8,157 lbs.	\$42,841
HDL-1152-44	51'-3	8,975 lbs.	\$44,305
HDL-1154-44	54'-3	9,592 lbs.	\$46,863
HDL-1156-44	55'-9	9,718 lbs.	\$49,025
HDL-1158-44	57'-3	9,738 lbs.	\$49,205
HDL-1160-44	60'-4	9,980 lbs.	\$49,707

Dual axle option - subtract \$1,288 from list price. Radial tires are now available - additional \$1,670 on top of list price.



Prices and Specifications may be subject to change without notice. Prices do not include shipping or setup.

HDL-1100 (CONTINUED)

MODEL	Size	Weight	List Price
6+6-Bar Harrow Sections			
HDL-1124-66	25'-8	5,923 lbs.	\$33,370
HDL-1126-66	27'-1	6,025 lbs.	\$33,849
HDL-1128-66	28'-7	6,075 lbs.	\$34,375
HDL-1130-66	30'-1	6,167 lbs.	\$34,858
HDL-1132-66	31'-7	6,267 lbs.	\$35,354
HDL-1134-66	34'-7	6,504 lbs.	\$35,877
HDL-1136-66	36'-2	6,713 lbs.	\$36,551
HDL-1138-66	37'-8	6,933 lbs.	\$36,976
HDL-1140-66	40'-8	8,913 lbs.	\$43,223
HDL-1142-66	42'-2	9,013 lbs.	\$43,695
HDL-1144-66	43'-8	9,111 lbs.	\$44,165
HDL-1146-66	45'-2	9,208 lbs.	\$44,590
HDL-1148-66	48'-3	9,399 lbs.	\$48,004
HDL-1150-66	49'-9	9,608 lbs.	\$48,532
12-Bar Sections			
HDL-1124-12	25'-8	5,916 lbs.	\$33,992
HDL-1126-12	27'-1	5,978 lbs.	\$32,374
HDL-1128-12	28'-7	6,082 lbs.	\$32,880
HDL-1130-12	30'-1	6,110 lbs.	\$33,399
HDL-1132-12	31'-7	6,143 lbs.	\$33,884
HDL-1134-12	34'-7	6,314 lbs.	\$34,410
HDL-1136-12	36'-2	6,375 lbs.	\$35,089
HDL-1138-12	37'-8	6,438 lbs.	\$35,619
HDL-1140-12	40'-8	8,791 lbs.	\$41,180
HDL-1142-12	42'-2	8,852 lbs.	\$41,650
HDL-1144-12	43'-8	8,914 lbs.	\$42,123
HDL-1146-12	45'-2	8,976 lbs.	\$42,546
HDL-1148-12	48'-3	9,100 lbs.	\$45,968
HDL-1150-12	49'-9	9,162 lbs.	\$46,494

MODEL	Size	Weight	List Price
16-Bar Harrow Sections			
HDL-1124-16	25'-8	6,444 lbs.	\$34,836
HDL-1126-16	27'-1	6,514 lbs.	\$34,712
HDL-1128-16	28'-7	6,630 lbs.	\$35,076
HDL-1130-16	30'-1	6,626 lbs.	\$36,556
HDL-1132-16	31'-7	6,695 lbs.	\$37,106
HDL-1134-16	34'-7	6,882 lbs.	\$37,784
HDL-1136-16	36'-2	6,951 lbs.	\$38,452
HDL-1138-16	37'-8	7,022 lbs.	\$39,163
HDL-1140-16	40'-8	9,519 lbs.	\$45,623
HDL-1142-16	42'-2	9,588 lbs.	\$46,161
HDL-1144-16	43'-8	9,658 lbs.	\$46,708
HDL-1146-16	45'-2	9,728 lbs.	\$47,201
HDL-1148-16	48'-3	9,868 lbs.	\$50,787
HDL-1150-16	49'-9	9,938 lbs.	\$50,978
8+8-Bar Harrow Sections			
HDL-1124-88	25'-8	6,540 lbs.	\$35,746
HDL-1126-88	27'-1	6,610 lbs.	\$36,184
HDL-1128-88	28'-7	6,722 lbs.	\$36,565
HDL-1130-88	30'-1	6,726 lbs.	\$38,015
HDL-1132-88	31'-7	6,791 lbs.	\$38,574
HDL-1134-88	34'-7	6,978 lbs.	\$39,251
HDL-1136-88	36'-2	7,047 lbs.	\$39,913
HDL-1138-88	37'-8	7,118 lbs.	\$40,522
HDL-1140-88	40'-8	9,648 lbs.	\$47,666
HDL-1142-88	42'-2	9,717 lbs.	\$48,202
HDL-1144-88	43'-8	9,787 lbs.	\$48,747
HDL-1146-88	45'-2	9,856 lbs.	\$49,248
HDL-1148-88	48'-3	9,997 lbs.	\$52,826
HDL-1150-88	49'-9	10,067 lbs.	\$53,450

Light kits now included in base price. Walking axle is standard and included in base price



WDL-2100 SERIES FLEXIBLE SPIKE TOOTH HARROWS



- Single piece main frame for long-lasting durability.
- 7 square tool bar on all sizes.
- Dual transport wing axle provides better flotation and is more stable in the transport position.
- Maintenance-free pivot joints on wing pull and wing axle.
- Standard walking axle for smooth ride at high speeds.
- 14L-16 tires option for greater flotation (for dual axle only).
- 15'-9 transport width.
- 1¾ hinge pins and welded hinge knuckles.

APPROXIMATE SETUP TIME:

WDL-2100 = 30-45 hours

HARROW HP REQUIREMENTS:

8-bar: 2-3 HP/ft

16-bar: 4-6 HP/ft

MODEL	Size	Weight	List Price
WDL-2160-16	60'-4	12,174 lbs.	\$74,810
WDL-2170-16	69'-5	13,632 lbs.	\$79,004
WDL-2180-16	80'-0	15,107 lbs.	\$86,558
WDL-2190-16	90'-0	16,400 lbs.	\$92,991

Light Kits now included in base price. Dual axle available.

- Wing pull/auto backup makes converting to transport position one step and allows the operator to back the unit without completely converting to the transport position.
- Features our FH series open-end flexible harrows.
- Hydraulic wing transport wheels enable operator to steer wings for easier folding and unfolding.
- Available in 8, 4+4, 12, 6+6, and 8+8 harrow configurations.

Transport Dimensions

MODEL	Width	Height	Length
WDL-2160	13'-10"	11'-4"	45'-8"
WDL-2170	13'-10"	11'-4"	50'-8"
WDL-2180	13'-10"	11'-4"	55'-8"
WDL-2190	13'-10"	11'-4"	60'-8"

Dual axle option - subtract \$1,288 from list price.

Radial tires are now available - additional \$2,226 on top of list price.

