



SUMMERS[®] SUPERHARROW

Plus



More Versatile Performance ...
featuring *longer* teeth (26 in.) to provide the versatility for working anything from tough soils to spreading heavy residue!

More Aggressive Action ...
featuring the large diameter spring tooth (9/16 in.) to provide and maintain the aggressive action needed for the heavy duty jobs.



The **Summers Superharrow *Plus*** is a harrow unlike any other harrow ever designed. The **9/16 in. tooth**, made of high quality oil tempered wire, is unsurpassed for *Minimum-Till* and *No-Till* residue management operations. ***Plus***, it can also be used for seedbed preparation, light tillage, granular incorporation, and to spread and break up residue after the combine.

FIELD TESTED TOUGH !

Plus: The large diameter 9/16 in. tooth ensures the needed working pressure at the tooth end and flexibility for residue clearance. The larger diameter makes the tooth more aggressive, a feature lost on 1/2 in. teeth extending over 20 in.

Plus: The extra-ordinary heavy tooth is designed to provide absolute residue control. Each harrow section is given proper support by two heavy duty lift arms. The **Summers exclusive** top mounted torsion bar pressure springs provide a streamlined design for optimum residue clearance.

Plus: The 5-bar, 6 ft. sections provide more flexibility and follow ground contours better. Bars are spaced 16 in. apart with the tines spaced 2.4 in.



Plus: Spring loaded locks provide for easy tooth angle adjustment, from vertical to a 45°, with *spring-loaded* convenience.

Plus, the tooth angle of the front bar can be adjusted independently of the other four. This permits the front bar to work more aggressively while allowing the rest of the section to clear difficult residue.

Adjusting the tooth angle affects the height at which the section should be set. The Superharrow *Plus* has **on-the-go hydraulic depth adjustment** to raise and lower the entire drawbar as needed. No cranks or other time consuming adjustments are required.

Plus: Additional manual adjustment settings are provided on the lift arms to compensate for tooth wear.



Plus: Hydraulic Depth Adjustment on the cart and wing wheels is standard equipment so you can change penetration depth and down pressure as you encounter different soil conditions.



Optional **Hydraulic Tooth Angle Adjustment** permits changing tooth angle to conform to a variety of field conditions or when using the Superharrow *Plus* for different operations.



Plus: Special standard *back-up* feature allows operator to back up with machine in field position in order to reach isolated areas and tight corners. The drawbar is also controlled in hilly terrain.



Plus: The drawbar is a massive **8 x 8 in. square** tube for maximum strength with **11 L tires (optional 31 x 13.5 on hitch)** for proper support. The streamlined *wing height adjustment design* allows teeth to **cover wheel tracks**.

Plus: A **Heavy-duty Ductile Cast Knuckle** permits maximum wing flex for ground contours and also allows the Superharrow *Plus* to fold easily for transport.



Plus: The hydraulically activated cable **Auto-Fold** is standard equipment on an impressive **22 ft. hitch** with oscillating tandem axles. This positive lock **Auto-Fold** system allows **dumping on-the-go**.

When taking a tight corner and the inside wing is unable to back up, our proven, simple, Auto-Fold System allows slack in the cable. This is not possible with solid beam folding systems where damage can occur.

Plus: Maintenance costs are reduced since cables are practically unbreakable and not likely to be damaged by less than careful backing when unfolding machine



Plus: Hydraulically activated cable **Auto-Fold** releases or locks cables from the tractor seat, eliminating manual cable hook-up. A safety spring prohibits accidental release in case of hydraulic failure.



Standard lighting for safe transport on roads.



Folded compactly for safe transport.

SPECIFICATIONS

| Sizes (ft.) | 36' | 48' | 60' | 72' | 84' |
|---|-----------------|-----------------|--------------------|--------------------|--------------------|
| Machine Weight W/Hyd. Depth Adj. ⁽¹⁾ | 8,860# | 10,260# | 11,680# | 13,100# | 15,000# |
| Machine Weight W/Hinged Wing ⁽¹⁾ | DNA | DNA | 10,700# | 12,360# | 14,020# |
| Center Section Width | 12' | 12' | 12' | 12' | 12' |
| Split Hinged Wing | No | No | Optional | Optional | Optional |
| Number of Pull Cables | 2 | 2 | 2 (4 HW) | 4 | 4 |
| Number of 6 ft. Harrow Sections | 6 | 8 | 10 | 12 | 14 |
| Hitch Length | 22' | 22' | 22' | 22' | 22' |
| Hitch Construction | Tubing | Tubing | Tubing | Tubing | Tubing |
| | 4" X 8" | 4" X 8" | 4" X 8" | 4" X 8" | 4" X 8" |
| Hitch Tires | 4-11L | 4-11L | 4-11L | 4-11L | 4-11L |
| | (31 X 13.5 Opt) | (31 X 13.5 Opt) | (31 X 13.5 Opt) | (31 X 13.5 Opt) | (31 X 13.5 Opt) |
| Hitch Wall Thickness | 1/4" | 1/4" | 1/4" | 1/4" | 1/4" |
| Drawbar Dimensions | 8" X 8" | 8" X 8" | 8" X 8" | 8" X 8" | 8" X 8" |
| Drawbar Wall Thickness | 1/4" | 1/4" | 1/4" | 1/4" | 5 /16"/1/4" (HW) |
| Support Tires | 2-11L | 2-11L | 2-11L/4-11L (HW) | 2-11L/4-11L (HW) | 2-11L/4 -11L (HW) |
| Transport Tire LT265/75R16E | 2 | 2 | 2 | 2 | 2 |
| Hitch Wheel Tread | 46"/101" | 46"/101" | 46"/101" | 46"/101" | 46"/101" |
| (W/31 X 13.5 Tire Option) | (47"/103") | (47"/103") | (47"/103") | (47"/103") | (47"/103") |
| Transport Width | 13'-2" | 13'-2" | 13'-2"/14'-2" (HW) | 13'-2"/14'-2" (HW) | 13'-2"/14'-2" (HW) |
| Dual Cylinder Size | 4" X 32" | 4" X 32" | 4" X 32" | 4" X 32" | 4" X 32" |
| Engine Horsepower Required ⁽²⁾ | 110-176 | 147-235 | 184-294 | 220-353 | 257-412 |

⁽¹⁾ **Weight** includes standard wheels with tires.

⁽²⁾ **Engine Horsepower Required** will vary depending upon soil conditions, tillage depth and operating speed.

In a continuing desire to improve its products, Summers Manufacturing Company, Inc. reserves the right to change design, materials and/or specifications without notice or obligation.

Telephone (800)732-4347

Web site: www.summersmfg.com



HERMAN CULTI-HARROW SPECIFICATIONS
HARROWS WITH 16' HITCH

| | | | | |
|--|-------------------|--------------------|------------------|------------------|
| HARROW SIZES | 61' | 67' | 70' | 77' |
| MACHINE WEIGHT (1) (LBS) 5-BAR | 5258 | 5713 | 5836 | 7127 |
| CENTER SECTION WIDTH | 11' | 11' | 14' | 11' |
| SPLIT HINGED WING (2) | NO | NO (2) | NO (2) | YES |
| NUMBER OF HARROW SECTIONS | 6 - 5 ½ 4 - 7' | 2 - 5 ½' 8 - 7' | 10 - 7' | 14 - 5 ½' |
| HITCH (TONGUE) LENGTH | 16' | 16' | 16',20'(2) | 16' |
| HITCH CONSTRUCTION | TUBING 3 X 6" | TUBING 3 X 6" | TUBING 3 X 6" | TUBING 3 X 6" |
| STANDARD EQUIPMENT WHEELS: HITCH 15 X 8, 6 BOLT SUPPORT 15 X 6, 6 BOLT TRANSPORT 15 X 6, 6 BOLT | 2 2 2 | 2 2 2 | 2 2 2 | 2 4 2 |
| HITCH WHEEL TREAD | 90" | 90" | 90" | 90" |
| STANDARD TIRE SIZE, HITCH 15" | 11 L (3) | 11 L (3) | 11 L (3) | 11 L (3) |
| STANDARD TIRE SIZE, WING 15" | 7.60 | 7.60 | 7.60 | 7.60 |
| STD TIRE SIZE , TRANSPORT 15" | 7.60 | 7.60 | 7.60 | 7.60 |
| FOLDED TRANSPORT WIDTH | 12' 4" | 12' 4" | 15' 4" | 12' 4" |
| FOLDED TRANSPORT HEIGHT | 8' 2" | 8' 2" | 8' 2" | 8' 2" |
| CYL. SIZE (DUAL LIFT STD.) | 3 X 16" | 3 X 16" | 3 X 16" | 3 X 16" |
| ENGINE HORSEPOWER REQ (4) | 93 - 131 | 103 -143 | 107 - 151 | 118 - 165 |

- (1) WEIGHT INCLUDES CYLINDERS AND STANDARD WHEELS WITH TIRES.
- (2) AVAILABLE AS AN OPTION
- (3) 14L X 16.1" FLOTATION TIRES AVAILABLE AS AN OPTION, REQUIRES 16.1" X 11" RIMS
- (4) ENGINE HORSEPOWER REQUIRED WILL VARY DEPENDING UPON SOIL CONDITIONS, DEPTH OF TILLAGE AND SPEED OF OPERATION

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION.

HERMAN CULTI-HARROW SPECIFICATIONS
HARROWS WITH 20' HITCH

| HARROW SIZES | 70' | 84' | 98' | 112' |
|--|------------------|------------------|------------------|------------------|
| MACHINE WEIGHT (1) (LBS) 5-BAR | 6971 | 7938 | 8781 | 9654 |
| CENTER SECTION WIDTH | 14' | 14' | 14' | 14' |
| SPLIT HINGED WING | YES | YES | YES | YES |
| NUMBER OF HARROW SECTIONS | 10 - 7' | 12 - 7' | 14 - 7' | 16 - 7' |
| HITCH (TONGUE) LENGTH | 20' | 20' | 20' | 20' |
| HITCH CONSTRUCTION | TUBING 4 X 6" | TUBING 4 X 6" | TUBING 4 X 6" | TUBING 4 X 6" |
| STANDARD EQUIPMENT WHEELS: HITCH 15 X 8, 6 BOLT SUPPORT 15 X 6, 6 BOLT TRANSPORT 15 X 6, 6 BOLT TRANSPORT 15 X 8, 6 BOLT | 4 4 2 - | 4 4 - 2 | 4 4 - 2 | 4 4 - 2 |
| HITCH WHEEL TREAD | 105/165" | 105/165" | 105/165" | 105/165" |
| STANDARD TIRE SIZE, HITCH: 15" | 11L (3) | 11L (3) | 11L (3) | 11L (3) |
| STANDARD TIRE SIZE, WING 15" | 7.60 | 7.60 | 7.60 | 7.60 |
| STANDARD TIRE SIZE, TRANSPORT 15" | 7.60 | 11 L | 11 L | 11 L |
| FOLDED TRANSPORT WIDTH | 15'4" | 15'4" | 15'4" | 15'4" |
| FOLDED TRANSPORT HEIGHT | 8'2" | 8'2" | 8'2" | 8'2" |
| CYL. SIZE (DUAL LIFT STD.) | 3 X 16" | 3 1/2 X 16" | 3 1/2 X 16" | 3 1/2 X 16" |
| ENGINE HORSEPOWER REQUIRED (4) | 107 - 151 | 129 - 180 | 151 - 211 | 172 - 240 |

- (1) WEIGHT INCLUDES CYLINDERS AND STANDARD WHEELS WITH TIRES.
- (2) AVAILABLE AS AN OPTION.
- (3) 14 L X 16.1" FLOTATION TIRES AVAILABLE AS AN OPTION, REQUIRES 16.1 X 11" RIMS.
- (4) ENGINE HORSEPOWER REQUIRED WILL VARY DEPENDING UPON SOIL CONDITIONS, DEPTH OF TILLAGE AND SPEED OF OPERATION.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION.

SUMMERS SUPERHARROW PLUS SPECIFICATIONS

| SUPERHARROW PLUS SIZES | 36' | 48' | 60' | 72' | 84' |
|---|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| MACHINE WEIGHT WITH HYD. DEPTH ADJ (1) | 8860 | 10,260 | 11,680 | 13,100 | 15,000 |
| MACHINE WEIGHT WITH HINGED WING (1) | DNA | DNA | 10,700 | 12,360 | 14,020 |
| CENTER SECTION WIDTH | 12' | 12' | 12' | 12' | 12' |
| SPLIT HINGED WING | NO | NO | OPTIONAL | OPTIONAL | OPTIONAL |
| NUMBER OF PULL CABLES | 2 | 2 | 2 / 4 (HW) | 4 | 4 |
| NUMBER OF 6' HARROW SECTIONS | 6 | 8 | 10 | 12 | 14 |
| HITCH LENGTH | 22' | 22' | 22' | 22' | 22' |
| HITCH CONSTRUCTION | TUBING 4 X 8" | TUBING 4 X 8" | TUBING 4 X 8" | TUBING 4 X 8" | TUBING 4 X 8" |
| HITCH TIRE | 4- 11L (31 X 13.5 OPT) | 4- 11L (31 X 13.5 OPT) | 4- 11L (31 X 13.5 OPT) | 4- 11L (31 X 13.5 OPT) | 4- 11L (31 X 13.5 OPT) |
| HITCH WALL THICKNESS | 1 / 4" | 1 / 4" | 1 / 4" | 1 / 4" | 1 / 4" |
| DRAWBAR DIMENSIONS | 8 X 8" | 8 X 8" | 8 X 8" | 8 X 8" | 8 X 8" |
| DRAWBAR WALL THICKNESS | 1 / 4" | 1 / 4" | 1 / 4" | 1 / 4" | 5 / 16" / 1 / 4" (HW) |
| SUPPORT TIRE | 2 - 11L | 2 - 11L | 2 - 11L / 4-11L(HW) | 2 - 11L / 4-11L(HW) | 2 - 11L / 4 - 11 L (HW) |
| TRANSPORT TIRE LT265/75R16E | 2 | 2 | 2 | 2 | 2 |
| HITCH WHEEL TREAD (W/ 31 X 13.5 TIRE OPTION) | 46" / 101" (47" / 103" OPT) | 46" / 101" (47" / 103" OPT) | 46" / 101" (47" / 103" OPT) | 46" / 101" (47" / 103" OPT) | 46" / 101" (47" / 103" OPT) |
| TRANSPORT WIDTH | 13'2" | 13'2" | 13'2" / 14'2" HW | 13'2" / 14'2" (HW) | 13'2" / 14'2" (HW) |
| DUAL CYLINDER SIZE | 4" X 32" | 4" X 32" | 4" X 32" | 4" X 32" | 4" X 32" |
| ENGINE HORSEPOWER REQUIRED (2) | 110 - 176 | 147 - 235 | 184 - 294 | 220 - 353 | 257 - 412 |

- (1) WEIGHT INCLUDES CYLINDERS AND STANDARD WHEELS WITH TIRES.
(2) ENGINE HORSEPOWER REQUIRED WILL VARY DEPENDING UPON SOIL CONDITIONS, DEPTH OF TILLAGE AND SPEED OF OPERATION.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION

SUMMERS SUPERWEEDER SPECIFICATIONS
 FOUR S-TINE RANKS (5 BAR HARROW)
 22' HITCH

| SUPER WEEDER SIZES | 30' | 40' | 50' | 60' | 70' |
|---|------------------|------------------|------------------|------------------|------------------|
| MACHINE WEIGHT (LBS) | 8440 | 10,200 | 11,970 | 13,940 | 15,710 |
| CENTER SECTION WIDTH | 10' | 10' | 10' | 10' | 10' |
| WING SIZE | 10' | 15' | 20' | 25' | 30' |
| SPLIT HINGED WING | NO | NO | NO | YES | YES |
| NUMBER OF HARROW SECTIONS | 6 - 5' | 8 - 5' | 10 - 5' | 12 - 5' | 14 - 5' |
| NUMBER OF S - TINES | 72 | 96 | 120 | 144 | 168 |
| HITCH CONSTRUCTION | TUBING 4 X 8" | TUBING 4 X 8" | TUBING 4 X 8" | TUBING 4 X 8" | TUBING 4 X 8" |
| DRAWBAR CONSTRUCTION | TUBING 8 X 8" | TUBING 8 X 8" | TUBING 8 X 8" | TUBING 8 X 8" | TUBING 8 X 8" |
| STANDARD EQUIPMENT WHEELS WITH TIRES: HITCH 11L X 15", 6 BOLT SUPPORT 11L X 15", 6 BOLT TRANSPORT LT265/75R16E, 8 BOLT | 4 2 2 | 4 2 2 | 4 2 2 | 4 4 2 | 4 4 2 |
| HITCH WHEEL TREAD | 46 / 101" | 46 / 101" | 46 / 101" | 46 / 101" | 46 / 101" |
| FOLDED TRANSPORT WIDTH | 14'4" | 14'4" | 14'4" | 14'4" | 14'4" |
| FOLDED TRANSPORT HEIGHT | 12'8" | 12'8" | 12'8" | 12'8" | 12'8" |
| CYL. SIZE (DUAL LIFT STD.) | 4 X 32" | 4 X 32" | 5 X 32" | 5 X 32" | 5 X 32" |
| ENGINE HORSEPOWER REQUIRED (1) | 184 - 245 | 245 - 327 | 306 - 408 | 367 - 490 | 429 - 572 |

(1) ENGINE HORSEPOWER REQUIRED WILL VARY DEPENDING UPON SOIL CONDITIONS, DEPTH OF TILLAGE AND SPEED OF OPERATION.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION.