



SUMMERS[®]

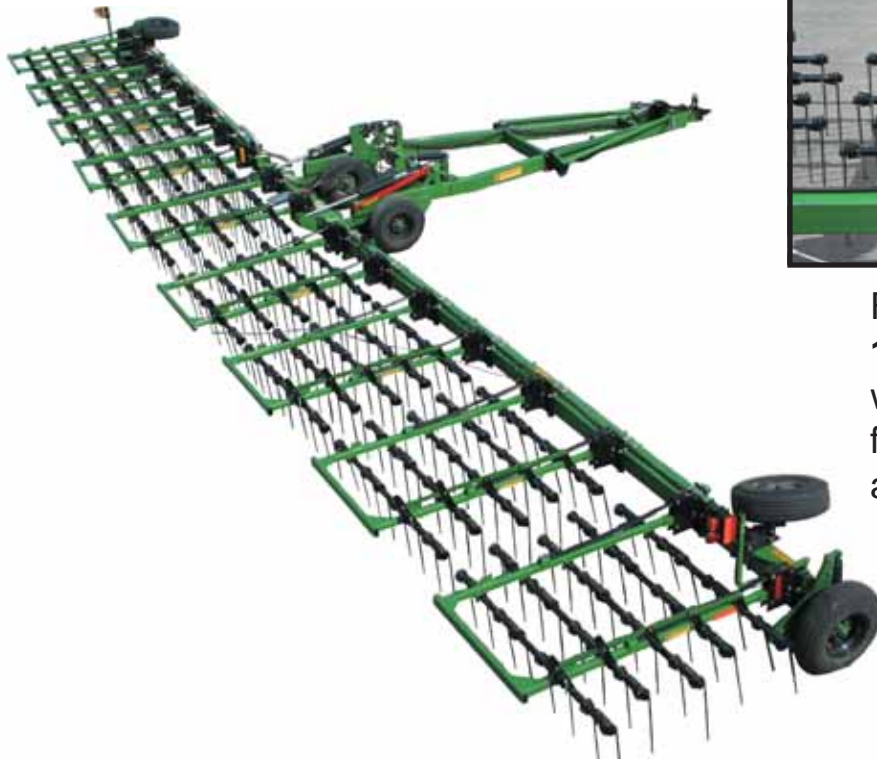
SUPERHARROWS, SUPERWEEDER,
HARROW PACKER

SUPERHARROW

The **ORIGINAL** Heavy Harrow with features needed by today's farmers from the company that has been building Harrows for 4 decades.



SUPERHARROW 2650



Featuring the new **1/2" dia. X 26" tooth** with increased action for improved soil tilth and residue management.

FIELD TESTED TOUGH !

SUPERHARROW PLUS

Versatile Performance ...

featuring long teeth (26 in.) to provide the versatility for working anything from tough soils to spreading heavy residue!

Aggressive Action ...

featuring the large diameter 9/16 in. spring tooth, **mounted on bars spaced at 16 in.**, to provide and maintain the aggressive action needed for the heavy duty jobs. Teeth are spaced on 2.4 in.

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.

The **Superharrow Plus** is available in working widths of 36', 48', 60', 72', and 84'.



SUPERHARROW 2650

With many features of the Superharrow Plus, the Superharrow 2650 provides similar **versatile performance** and **aggressive action** in a variety of field and soil conditions.

The **Superharrow 2650** features a **1/2 in. by 26"** tooth. This size tooth, made of high quality, oil tempered wire, provides exceptional residue clearance and tine **action**.

The **Superharrow 2650** works well in a variety of

farming practices from conventional tillage to no-till operations. It is an ideal machine for seedbed preparation, incorporation and breaking up and spreading residue.

The **Superharrow 2650** is available in working widths of 56', 72' and 88'.



Features common to both Superharrow *Plus* and Superharrow 2650



The drawbar is a massive **8 x 8 in. square** tube for maximum strength with 11 LRF x 15" tires (optional 31 x 13.5 on hitch) for necessary flotation.

The streamlined *wing height adjustment design* allows teeth to **cover wheel tracks**.

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 and residue.



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.



Standard *back-up* feature allows operator to back up with machine in field position in order to reach isolated areas and tight corners.



The **Summers exclusive** top mounted torsion bar pressure springs provide a streamlined design for optimum residue clearance.

Spring loaded locks provide for easy tooth angle adjustment, from vertical to 45 degrees. 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.



Optional **Hydraulic Tooth Angle Adjustment**, on the Superharrow Plus (not available on the Superharrow 2650), permits changing tooth angle on-the-go to conform to a variety of field conditions.



Compact folding with standard lighting provides for safe transport.



Four Rank

SUPERWEEDER

CULTIVATOR-HARROW



Besides preparing an excellent seedbed, the 4 ranks of “Vibra” S-tines spaced on 5 in. centers in ranks 16 in. apart, provide better clearance in trashy conditions.

The hefty 8 in. square tube drawbar provides strength needed to utilize 4 ranks of S-tines. The four ranks of Vibra S-tines break up crusted soil and uproot weeds. Cultivation depth can be set hydraulically for exact depth control. Tines may be rolled up for a “harrow only” operation. The heavy duty 5-bar Culti-Harrow sections equipped with the “bent” tooth follow to level and firm.

The Optional Hydraulic Depth Adjust system permits raising or lowering the entire drawbar for exact depth. Both sets of dual, oscillating hitch wheels are raised or lowered with two hydraulic cylinders. All S-Tines are raised or lowered at the same time. Due to the hinged wing feature, Hydraulic Depth Adjust is not available on the 60 and 70 ft. sizes.



On 30' through 50' sizes, the optional Hydraulic Depth Adjust slave cylinders on the drawbar end wheels operate off of the hitch cylinders. With this system, the drawbar and hitch are both raised or lowered the same distance from the ground.



S-tine ranks are equipped with hydraulic cylinders to “roll” tines either partially or completely up. Partial retractions can be used for depth adjustment.

The 22 ft hitch is constructed of 4” x 8” steel tube. Cable Autofold is standard and permits hydraulically releasing or locking cables from the tractor seat. A safety spring and manual valve eliminate accidental release in case of hydraulic pressure failure.



Superweeders are available in working widths of 30', 40', 50', 60', and 70'.

HARROW PACKER



Built for high speed operation, the Harrow Packer is a proven tool for moisture conservation. Constructed of all-welded tube steel and engineered for field tough conditions, this unit can provide a one-pass seedbed without pulverizing the soil surface.

Equipped with a 22 ft. hitch, the Harrow Packer is available in working widths of 40', 50', 60', 70', and 80'.



Specially designed transport wheels allow for easy opening to field position.



Packers are 1-3/4" square steel (130 lbs./ft.) coils. Units are mounted to conform to varying ground contours.

Culti-Harrow sections are heavy duty 5-bar units with adjustable tooth angle setting.

Optional downpressure springs are available for heavy soils and difficult conditions.



Cable fold is hydraulically actuated for field or transport positions

Box frame construction features 11LRF x 15" wheels on all terrain oscillating axles. Duals are standard on all models.



SUPERHARROW PLUS SPECIFICATIONS

Sizes (ft.)	36'	48'	60'	72'	84'
Machine Weight W/Hyd. Depth Adj.	9,146#	10,606#	12,050#	13,860#	15,770#
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 4" X 8"	Tubing 4" X 8"	Tubing 4" X 8"	Tubing 4" X 8"	Tubing 4" X 8"
Hitch Tires	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 Tires	2-11L	2-11L	2-11L/4-11L (HW)	2-11L/4-11L (HW)	2-11L/4 -11L (HW)
Transport Tire LT265/75R16	2	2	2	2	2
Hitch Wheel Tread (W/31 X 13.5 Tire Option)	46"/101" (47"/103")	46"/101" (47"/103")	46"/101" (47"/103")	46"/101" (47"/103")	46"/101" (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 ⁽¹⁾	110-176	147-235	184-294	220-353	257-412

⁽¹⁾ Engine Horsepower Required will vary depending upon soil conditions, tillage depth and operating speed.

SUPERHARROW 2650 SPECIFICATIONS

Superharrow 2650 Sizes	56'	72'	88'
Machine Weight with Hyd. Depth Adj.	10,953 lbs.	12,847 lbs.	15,888 lbs.
Center Section Width	8'	8'	8'
Number of Pull Cables	2	4	4
Number of 8' Harrow Sections	7	9	11
Hitch Length	22'	22'	22'
Hitch Construction	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)
Hitch Wall Thickness	1 / 4"	1 / 4"	1 / 4"
Drawbar Dimensions	8" X 8"	8" X 8"	8" X 8"
Drawbar Wall Thickness	1 / 4"	1 / 4"	5 /16"
Support Tire	2 – 11L LRF	2 - 11L LRF	2 – 11L LRF
Transport Tire LT265/75R16E	2	2	2
Hitch Wheel Tread (With 31 X 13.5 Tire Option)	46" / 101" (47" / 103" OPT)	46" / 101" (47" / 103" OPT)	46" / 101" (47" / 103" OPT)
Transport Width	13'-2"	13'-2"	13'-2"
Dual Cylinder Size	4" X 32"	4" X 32"	4" X 32"
Engine Horsepower Required ⁽¹⁾	155 - 275	200 - 350	245 – 425

⁽¹⁾ 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.

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SUMMERS
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