



TINE HARROW

Product Information



RITEWAY TINE HARROW

- Competitive advantage – field performance.
- Durability
- Ease of Use
- Rite Way vs. competitive harrows

COMPETITIVE ADVANTAGE

HH8200

Rite Way Harrows deliver superior field finish and uniform crop residue dispersal.

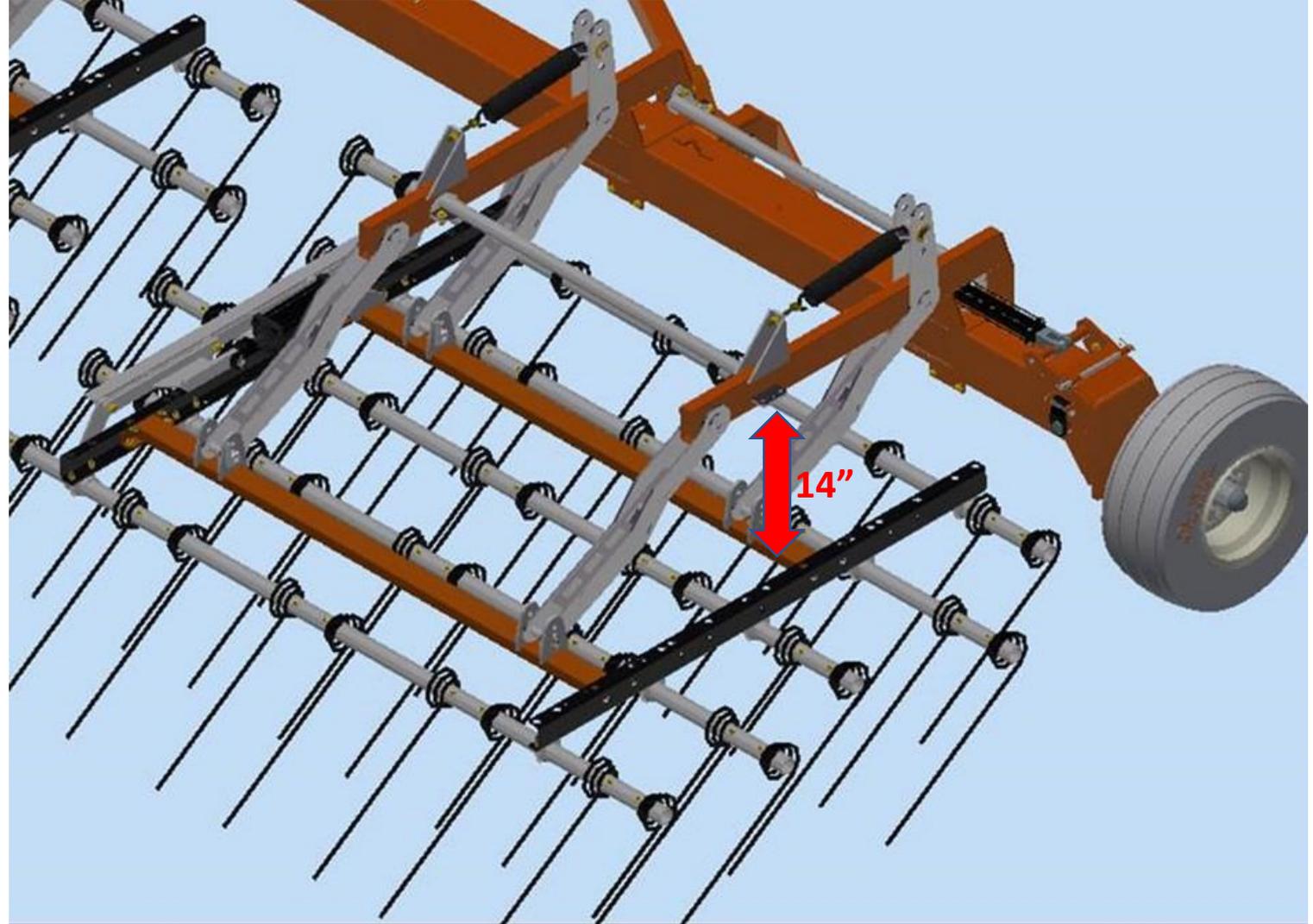


RITEWAY 

COMPETITIVE ADVANTAGE

1. Parallel Linkage:

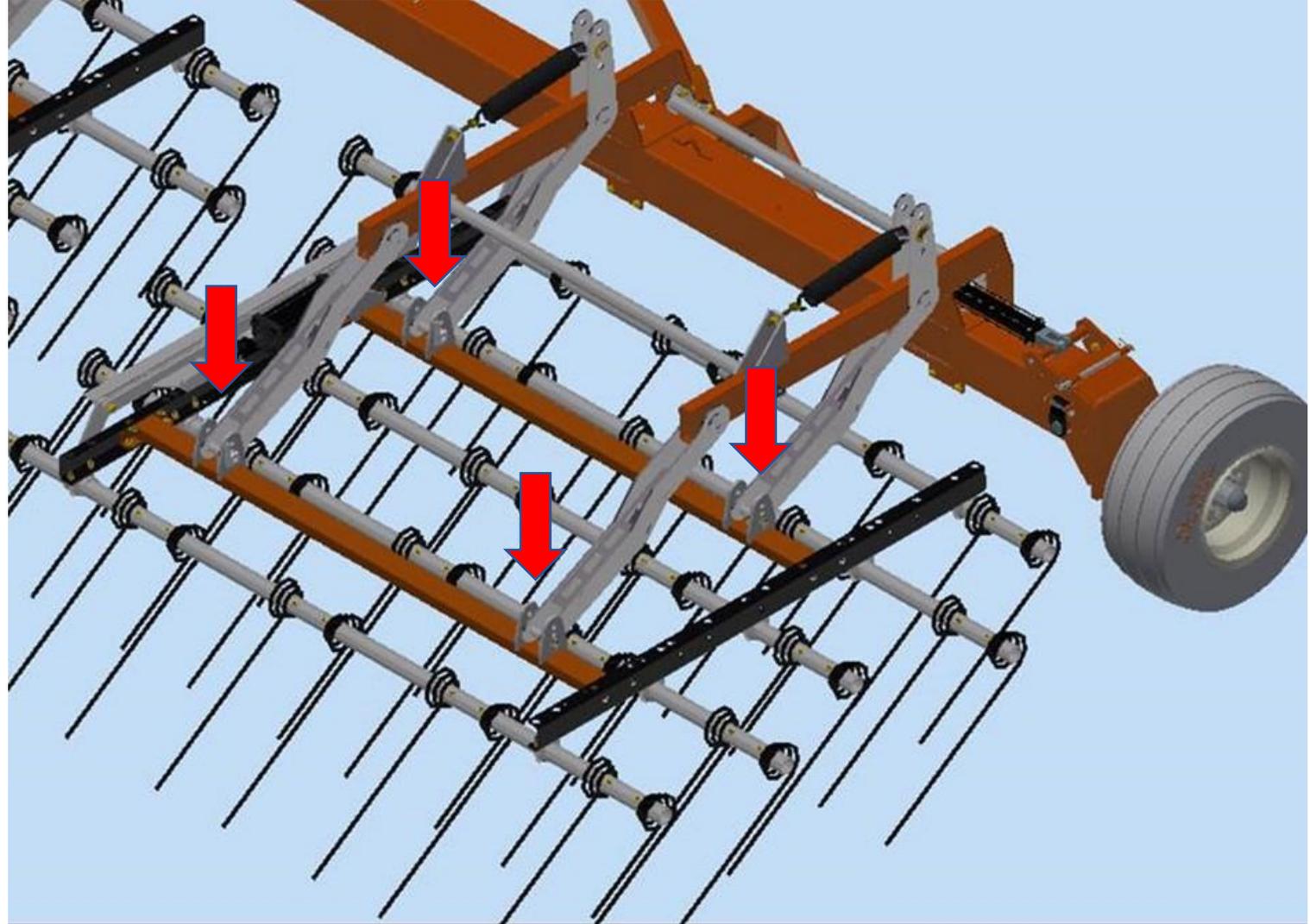
- Each harrow section moves independently from the harrow trailer and booms.
- Parallel linkage allows each harrow section to follow the ground contours with 14" of vertical travel.
- Down force is applied uniformly at the 4 linkage points of each harrow section.



COMPETITIVE ADVANTAGE

2. Consistent Uniform Downforce:

- Down force is applied uniformly at the 4 linkage points of each harrow section.



COMPETITIVE ADVANTAGE

New & Improved Parallel Linkage Design:

- Harrow sections mount to a new lift arm system made from 2 x 5 (1/4" wall) HSS tubular steel and solid bracing between the arms. The new design uses 50% more steel.
- Parallel linkage have bushings at all pivot points.
- The new design significantly improves stability as well as incremental increase in down pressure uniformity across the harrow section.
- Functionality and range of motion remains the same as the previous design.



FIELD PERFORMANCE MATTERS

A blue Ford tractor is pulling a red harrow through a field. The harrow is designed with multiple rows of tines and is in contact with the soil, kicking up a cloud of dust. The tractor is a Ford 8000 model, as indicated by the text on its side. The field appears to be a mix of soil and dry grass residue.

Properly designed harrows maintain constant contact with the soil. Harrows that bounce or shimmy do not uniformly spread residue.

FIELD PERFORMANCE

Rite Way offers two models of tine harrows to meet the different needs of customers:

HH8200 – our 5-bar heavy harrow with 2.64” spacing between tines.

MH7200 – our new 7-bar mid-harrow with 1.43” spacing between tines.

HH8200 – 5-row heavy harrow.

HH8200



RITEWAY 

HH8200 – 5-bar heavy harrow.

Users of this harrow expect to:

- Shatter straw
- Aggressively rake the soil surface resulting in higher soil disturbance and blackening of fields.
- More firming/packing of the soil.
- Traditionally used as a form of light tillage that can remove some weed seedlings, incorporate soil applied herbicides and help spread crop residue.

What makes the Rite Way MH8200 different relative to other 5-bar harrows?

- 28" harrow tines increase harrow action and improve trash clearance and wear life. Degelman and Bourgault use 26" tines.
- 4" of chromium carbide at the tip of the tine is the longest in the industry.

DURABILITY

Tine Wear Life:

- MH-8200 uses chromium carbide tablets on the tine tips to improve cutting into soil and crop residue and extend wear life.
- These chromium tips are 4" long (substantially longer than competitive harrows).



MH7200 – 7-bar mid-harrow



MH7200 – 7-row heavy harrow.

Users of this harrow expect to:

- Uniformly distribute heavy crop residue. This is accomplished by:
 - The ½” diameter x 24” length tines have more vibration or ‘action’ to distribute crop residue.
 - Increasing the number of tines (1.43” spacing between tines).
- The increased number of tines have less downforce per tine resulting in less soil firming and superior field finish.
- The increased soil surface contact by the tines results in superior weed control, incorporation of herbicides and soil-seed contact when harrowing after broadcast seeding.

What makes the Rite Way MH7200 different relative to other 7-bar harrows?

- Longer harrow tines increase harrow ‘action’ and improve trash clearance and wear life. Elmers and Bourgault use 22” tines.



DURABILITY

Built to Last

- 4 x 8" HSS tubular steel (1/4" wall) trailer frame construction.
- 8" x 8" HSS tubular steel booms. Wall thickness is 1/4" for models up to 50' and 3/8" wall thickness for models above 50'.
- Steel hydraulic lines on booms.
- Powder coat paint



DURABILITY

Tine Wear Life:

- Parallel linkage and balanced downforce result in uniform tine wear from front to back of the harrow section.
- MH-7200 uses MAX LIFE™ BTT harrow tines that last 6X longer than regular tines.

MAX LIFE vs. regular tine
after 10,000 acres of wear



The *MAX LIFE*™ process infuses tungsten carbide onto the harrow tine creating the toughest and **most economical option** available. Field tests have proven that *MAX LIFE* tines outlast regular tines by a minimum of 6X.

- Our field evaluations indicate that the MAX LIFE system is less prone to crop residue ‘hooking’ observed with carbide plated tines .

PRODUCTIVITY

Hydraulic Tine Angle & Down Pressure

- Adjust tine angle from 40 – 85° using the hydraulic remote in your tractor cab.
 - Increase tine angle for more aggressive harrowing in dry conditions.
 - Decrease tine angle for wet conditions to reduce straw held in harrows and spread straw uniformly.



PRODUCTIVITY

Hydraulic Tine Angle & Down Pressure

- Increase tine angle for more aggressive harrowing in dry conditions.
- Increasing down force onto the harrows is simple – increase tine angle.



PRODUCTIVITY

Autofold

- Rear pivoting wheels make folding and unfolding the harrow easy.



PRODUCTIVITY

Solid Draft Arm System

- Draft arms lock into place using a unique locking mechanism.
- Draft arms allow the operator the ability to lift the harrows and back up the machine to avoid running into obstructions.
- No more 'cable related drama'.



PRODUCTIVITY

Easy Tine Replacement.

- Servicing tines is as easy as removing 1 bolt and pulling the harrow bar from the formed steel receiver.



RITE WAY HH8200 vs. competitive 5-bar harrows.

	Rite Way 8200	Degelman Strawmaster
Weight/foot	183 - 224	186 - 227
Ground following	Parallel linkage 14" travel at constant ground pressure	None at constant ground pressure
Boom draft system	Solid draft arm	Solid draft arm
Harrow tines	9/16" x 28" (5/8" option)	5/8" x 26"
Tine spacing	2.64"	2.4"
Tine wear options	Chromium carbide tip – 4"	Tungsten carbide Endura-tip – 2"

RITE WAY MH7200 vs. competitive 7-bar harrows.

	Rite Way 7200	Elmer's Super 7
Weight/foot	215 - 232	215 - 250
Ground following	Parallel linkage 14" travel	Parallel linkage 10" travel
Boom draft system	Solid draft arm	Solid draft arms
tines	½" x 24"	½" x 22"
Tine spacing	1.44"	1.44"
Tine wear options	MAX LIFE tungsten carbide infused tip	Chrome tip

RITE WAY TINE HARROW MODELS

Model	Working Width	Weight	Harrow Bars	Tire Options	Transport Width
HH8245	45	10,100	5-bar	16.5L x 16.1 (main), 11L x 15 (wing)	14'9"
HH8255	55	11,950			14'9"
HH8268	68	13,560			14'8"
HH8278	78	14,720			14'6"
HH8290	90	16,500		21.5L x 16.1 (main), 16.5L (wing)	16'3"
MH7258	58	13,500	7-bar	16.5L x 16.1 (main), 11L x 15 (wing)	14'9"
MH7272	72	15,500			14'9"
MH7282	82	?		21.5L x 16.1 (main), 16.5L (wing)	16'3"

RITE WAY TINE HARROWS – NARROW TRANSPORT

Model	Working Width	Weight	Harrow Barts	Tire Options	Transport Width
HH8240	40	9,250	5 bar	16.5L x 16.1 (main), 11L x 15 (wing)	9'10"
HH8250	50	10,245			9'2"
HH8262	62	12,225			9'2"
HH8273	73	13,900			9'2"