

SALFORD

VRT / HSD

HALO

SALFORD



SALFORD HALO IS BUILT ON A LEGACY OF INNOVATION.

HALO is Salford's newest generation of tillage machines. A ground up redesign of frame technology that incorporates new combinations of ground engaging equipment, narrow transport, and quick set adjustments for faster, easier field setting.

HALO takes advantage of the latest in heavy equipment technology to advance Salford's legacy for durability and performance, employing maintenance free components and the latest in hydraulics and seal technology.



TABLE OF CONTENTS

HALO TILLAGE 4

COMMON FEATURES 5

HALO VRT 6

HALO HSD 10

FINISHING TOOLS 12

56N COVER CROP SEEDER 14

AGRONOMY & PRODUCER STORY 16

MODEL SPECIFICATIONS 18

HALO TILLAGE

For over 40 years Salford has been building durable, high-quality equipment with a performance advantage. Equipment designed and manufactured to help producers field their best.

HALO HSD and VRT are Salford's newest generation of tillage implements combining agronomic performance with new equipment technology for fast operation, ease of use, lower maintenance and safer transport.

HALO VRT takes this revolutionary newest tillage platform to the next level with hydraulically adjustable blades. This machine allows producers to choose their tillage intensity on the fly, from the comfort of the tractor cab. Whether adjustments are needed in the field, from field to field or from season to season, HALO VRT performs the work of multiple tillage machines on one simple to operate platform.

HALO VRT and HALO HSD are the latest series of tillage implements from the Salford Group.



EASY TO SET
Set your operating depth and finishing system pressure in seconds. HALO uses simple quick set hydraulic controls for fast, easy setup.



HYDRAULIC FORE & AFT ADJUSTMENTS
HALO's mainframe has a large pitch indicator easily seen from the cab that makes it easy to return to the same setting field to field.



NARROW TRANSPORT
Compact frame design provides a safe and easy transport on the way to the field and between farms.



WING DOWN PRESSURE
Can be run with active down pressure. This keeps the machine operating level from side to side and ensures wings stay engaged in tough conditions.



ROLLER DOWN PRESSURE
The quick set hydraulic control on the finishing system regulates down pressure, enabling quick adaptation to field conditions.



SINGLE POINT DEPTH CONTROL
HALO's quick set depth control allows for fast and easy adjustments to the tillage action.



HEAVY FRAME
HALO's rectangular main frame is 6" by 6" tubular steel. All frame members are capped for maximum durability and longevity.



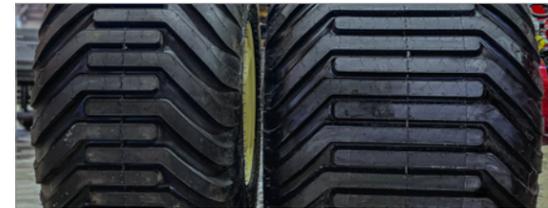
REAR FINISHING OPTIONS
A level seedbed maximizes planting and seeding performance and promotes uniform germination. Page 12 shows the variety of available options.



OBSTACLE PROTECTION
HALO coulters are 5/8-inch and protected by a rubber torsion suspension which gives each blade up to 7.5 inches of vertical travel.



COLOR CODED OPERATORS STATION
Operator's convenience center features color-coded hydraulic hose grips and a weatherproof container for the operator's manual.



FLOTATION TIRES
Maximum field flotation and safe transport, available in 550/45-22.5, 600/50-22.5 or 800/40-22.5 sizes depending on model size.



5 BOLT BLADE HUB
Innovative five bolt hub is maintenance free, protected by a multi-lip seal, equipped with double tapered roller bearings to withstand force from multiple blade angles.



HALO VRT

VARIABLE RATE TILLAGE

HALO VRT PERFORMS THE JOB OF MULTIPLE TILLAGE MACHINES FASTER.

HALO VRT is the industry's first variable-rate tillage system on a high-speed disk frame, replacing multiple tillage machines with faster, more efficient performance. Operators can hydraulically adjust blade angles on the go to optimize both Spring and Fall applications. Its forward-folding frame provides a narrower, safer transport width. Built with Salford's durability and reduced-maintenance design, the HALO VRT increases productivity, safety, and versatility for any farm.



BLADE ANGLE ADJUSTMENTS

Salford's HALO VRT 22-inch blades allows for on-the-go adjustments from 2°-15°.

These adjustments allow the HALO VRT to perform vertical tillage, seedbed preparation, residue management, fall tillage and everything in between.



HYDRAULIC ON-THE-GO ADJUSTMENTS

Hydraulic adjustments are made easy with the HALO VRT. All adjustments can be made in seconds with most being a simple push of a button. All adjustments have been optimized for maximum accessibility and ease of use.



EASY TO OPERATE

The HALO VRT is straightforward to adjust with single-point depth control, hydraulic leveling, and finishing tool pressure control, making it user-friendly. The Operators Station organizes and protects connections, with color-coded grips for easy tractor hookup.

The compact fold design ensures it's safe and simple to transport.



LOW MAINTENANCE DESIGN

Durable, sealed, maintenance-free hubs and finishing tool bearings mean reduced down time on the HALO VRT.

The HALO VRT has easily accessible grease points at the mainframe hinges, axles, wings, and roller frames.

HIGH SPEED DISK + ADJUSTABLE

HALO VRT

VARIABLE RATE TILLAGE

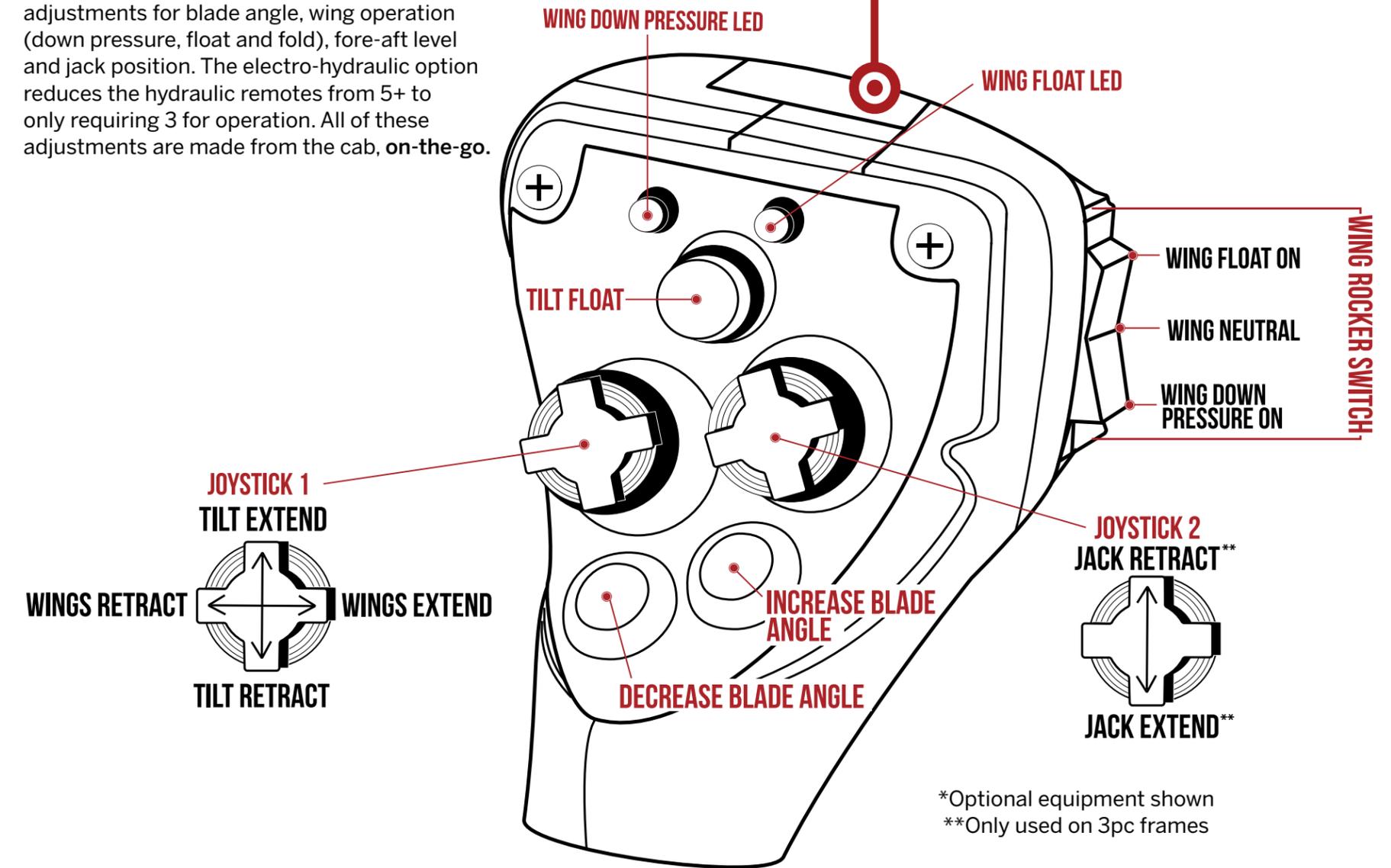


15° ← RUN AT MINIMUM 2° ANGLE → **2°**
RUN AT MAXIMUM 15° ANGLE

*This image has been enhanced to demonstrate the variable effect of the machine. Actual results may vary.

JOYSTICK CONTROL*

The HALO VRT offers optional hydraulic adjustments for blade angle, wing operation (down pressure, float and fold), fore-aft level and jack position. The electro-hydraulic option reduces the hydraulic remotes from 5+ to only requiring 3 for operation. All of these adjustments are made from the cab, on-the-go.



*Optional equipment shown
**Only used on 3pc frames



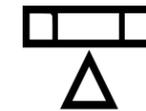
HALO HSD

HALO HSD

HIGH SPEED DISK

The HALO HSD is engineered for level operation at high speeds and built with the clearance required for high-residue crops.

Its individually mounted blades maximize residue and soil flow, while angled blade-mounting arms help the machine maintain depth in hard ground. The HALO HSD features advanced yet easy-to-operate hydraulic systems, including fore/aft leveling, single-point depth control, and hydraulic active down pressure on the wings and finishing systems.



SUPERIOR LEVELING

HALO HSD's superior leveling power starts with blades on a compound angle which helps the high speed disk's blades bite into the soil and stay at depth.

Option to run the wings with active down pressure or in float helps the HALO handle adverse conditions.

Salford's industry leading finishing options for leveling and durability.



HIGH SPEED & DURABLE

High clearance: independently mounted blades allow for excellent soil and residue flow through the machine.

Obstacle protection: independently mounted blades with rubber torsion suspension are capable of 7.5" of travel for obstacle protection in rough and rocky conditions.

Each 22" blade is independently mounted which absorbs the shock load and provides an even finish.



EASY TO OPERATE

The HALO HSD is simple to set! Quick set depth control, hydraulic fore/aft leveling and a quick set control for setting pressure on the finishing tool.

The operator station keeps implement connections protected, organized and at the operator's finger tips. The color coded hose grips take out the guess work when connecting Salford implements to the tractor.

The HALO's narrow forward fold design makes the machine safe and easy to transport.



LOW MAINTENANCE DESIGN

Durable, sealed blade hubs make for reduced maintenance on the HALO.

The HALO HSD has easily accessible grease points at the mainframe hinges, axles and wings.



DERECHO STORM, IOWA
HALO HSD CLEARING CORN FIELD

FINISHING SYSTEMS

HALO has a variety of finishing systems that are designed to meet your seedbed preparation and fall tillage goals. Each HALO finishing system is hydraulically controlled and has simple to set down pressure that creates the desired field finish.

HALO FINISHING SYSTEM COMPATIBILITY

	HSD	VRT
ADJUSTABLE PRESSURE CONTROL	✓	✓
23 IN. ROUND BAR CAGE ROLLER	✓	✓
14 IN. DOUBLE ROLLER	✓	✓
HD 14 IN. DOUBLE ROLLER	✓	✓
SEMI-PNEUMATIC RUBBER ROLLER	✓	✓

ADJUSTABLE PRESSURE CONTROL

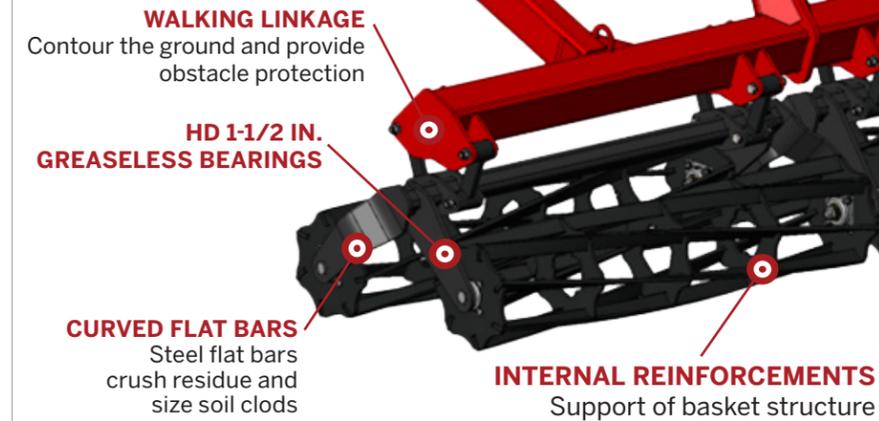


Down pressure on the HALO's hydraulically adjustable finishing systems is controlled by a valve on the tongue of the machine.

Once the desired down pressure is set, the operator is able to raise and lower the machine right from the tractor cab.

14 IN. DOUBLE BASKET & HD 14 IN. DOUBLE BASKET

Standard rolling baskets are equipped with 3/8in. flat bars and end plates. **HD rolling baskets are upgraded from 3/8 in. to 1/2 in. thick steel** for greater durability and residue processing.



23 IN. ROUND BAR CAGE ROLLER

1-1/2 ROUND BAR
Large, durable round bars leave a textured field finish

CENTER SHAFT
The heavy rollers center shaft provides extra durability

HD BEARING
2-7/16 in. 4 bolt flange bearing carries the heavy duty cage roller

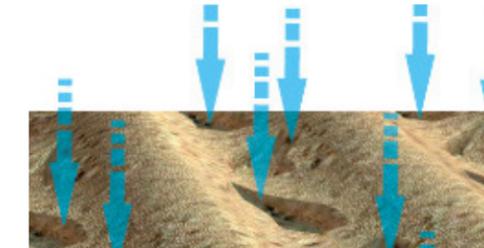
INTERNAL REINFORCEMENTS
Support of cage structure

SEMI-PNEUMATIC RUBBER ROLLER



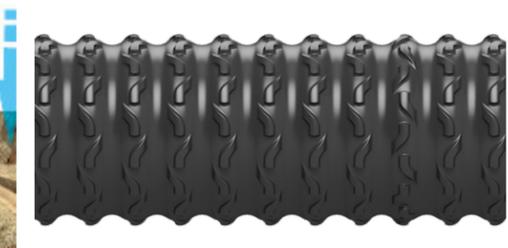
ADJUSTABLE REVERSIBLE SCRAPER

- Rollers are equipped with scrapers for clearing sticky soil and residue.
- Made from long life, wear-resistant steel.
- Reversible to extend their service lifetime.
- Three quick adjustment positions:
 - Engaged for working.
 - Flipped up for easy service.
 - Disengaged if not required.



FIRM SEEDBEDS & MANAGE MOISTURE

- Rubber roller features a unique wave design to trap moisture and reduce crusting.
- Semi-pneumatic roller designed to break up soil clods and gently firm soil.
- Improves seed to soil contact when preparing seedbeds.
- Excess water flows away in channels created by the wave design.



WAVE-PROFILE FLEXIBLE ROLLER

- Flexible roller sheds sticky soil effectively.
- Excels in a variety of soil types, including heavy clay and gumbo soils.
- Minimizes damage from rocks and obstacles in the field.

QUICK ADJUST SCRAPER POSITIONS





56N SERIES COVER CROP SEEDER

Salford 56 series offer versatility, speed, and efficiency for cover crop seeding. The new 56N models have been specifically engineered to bring those benefits to narrow folding equipment like Salford's HALO tillage line.

The 56N allows growers to easily seed where it's needed. You can cover an entire field to reap the benefits of a cover crop across your land or pick or choose specific areas where you want extra erosion protection, such as waterways and highly erodible hill sides.

Pairing the 56N with a HALO, growers will perform two different operations in one pass, complete seeding faster than with a conventional drill, and reduce acres used on the drill; which typically has more wear parts and expensive components.

	5056N	7056N
Capacity (cu. ft.)	50	70
Capacity (lbs.) (Assuming 43 lbs./cu.ft.)	2,150	3,010
Number of outlets	16	24
HALO Size Compatability	20 ft., 25 ft., 30 ft.**	35 ft., 40 ft.**
Control	ISOBUS control standard	
Hydraulic Requirements	13 GPM	
Section Control	2 section - Electric Clutch	
Size (HxLxW)*	78.5 x 74.25 x 37.5 in.	80.5 x 75 x 49.5 in.

COVER CROPS BENIFITS

➤ IMPROVE SOIL HEALTH

Cover crops boost soil health by improving tilth and organic matter. Deep roots like those of brassica break up compact soil, enhancing permeability, aeration, water infiltration, and overall crop growth.

➤ CUT FERTILIZER COSTS

Utilize nitrogen-fixing cover crops to prevent nutrient runoff and enhance soil fertility. This process adds atmospheric nitrogen to the soil, benefiting commercial crops like corn, reducing costs.

➤ BETTER WEED CONTROL

Cover crops out compete weeds for essential resources, smothering them as they decompose. Some even release compounds that chemically inhibit weed growth, leading to increased yields.

➤ PREVENT SOIL EROSION AND PROTECT WATER QUALITY

Cover crops act as a natural barrier against wind and water erosion. The roots anchor the soil, keeping it in place, while also fixing nutrients and organic matter.

➤ CONSERVE SOIL MOISTURE

Cover crops help the soil retain moisture, enhancing soil structure, adding organic matter, and shading the soil surface to reduce evaporation.

The machine cannot be transported while loaded. The HALO cannot be transported over 20 mph.
 *56N dimensions are for an un-mounted unit and do not include the operator platform and ladder.
 **The recommended spacing is 20 inches between outlets, but can safely vary to match the HALO series working widths.

AGRONOMY



HIGH-SPEED PERFORMANCE

HALO's high-speed operation lets operators cover more acres per hour. A 40-ft HALO can cover as much as 60 acres per hour. HALO tools are engineered to deliver consistent, uniform seedbeds that help planting and seeding equipment perform at their best.



IMPROVE GERMINATION & EMERGENCE

HALO is designed for level, uniform operation in tough conditions. Its hydraulic system helps reduce frame "hopping" at high speeds, a common issue with high-speed disks.



SUPERIOR FINISH

Salford is known for durable, high performing finishing attachments. HALO offers multiple finishing options with simple hydraulic pressure adjustments for quick, in field tuning.



UNIFORM RESIDUE MANAGEMENT

HALO's blades and finishing systems size and distribute residue evenly while blending soil and residue uniformly.

HALO ADVANTAGE

AGRONOMIC BENEFIT

Faster, high quality seedbed prep supports timely planting; an important factor in yield potential when spring windows are tight.

More consistent depth and smoother tool performance help maintain even planting conditions, supporting uniform seed placement, germination, and emergence.

A more even, finely conditioned field surface helps planters operate efficiently and supports more consistent early season crop development.

Well managed residue supports faster breakdown, better nutrient cycling, and improved seed to soil contact—all factors that help planters and drills run more consistently and help improve crop development.

Reese Ivers, Ivers Farms @iversfarms

"Reason I go to [the HALO VRT & 56N Seeder] is the versatility of it. You can change the blades as your soil conditions change or how much residue is on top of the ground changes, whether you're going bean stubble to corn stubble and it's all just right at the tip of your fingers using your hydraulics."



Photo includes producer's custom equipment decals. Not available for retail sale.

HALO VRT

Variable Rate Tillage



HALO HSD

High-Speed Disk



	15 Foot	20 Foot	25 foot	30 Foot	35 Foot	40 Foot
Weight lbs.	12,300	18,800	21,500	28,350	31,200	34,100
Driving Interval	14 ft. 2 in.	19 ft. 1 in.	24 ft. 1 in.	29 ft. 2 in.	34 ft. 1 in.	39 ft. 1 in.
Blade Quantity	36	48	60	72	84	96
HP Required**	150-270	200-360	250-450	300-540	350-630	400-720
HEIGHT						
Roller Cylinder Extended	13 ft. 2 in.	13 ft. 8 in.	13 ft. 10 in.	13 ft. 8 in.	13 ft. 9 in.	13 ft. 9 in.
WIDTH						
Roller Cylinder Extended	9 ft. 10 in.	12 ft. 11 in.	12 ft. 11 in.	13 ft. 9 in.	13 ft. 9 in.	13 ft. 9 in.
Frame Sections	2		3			
Mainframe Structure	6 in. x 6 in. tubular steel			6 in. x 6 in. tubular steel		
Hitch Structure	8 in. x 8 in. tubular steel	6 in. x 8 in. tubular steel		6 in. x 10 in. tubular steel		
Tires, Mainframe	550/45-22.5	600/50R-22.5		600/50R-22.5	800/40R-22.5	
Tires, Wings	-	-	13.5L-15x31	500/50R-22.5		
Draw Bar Hitch	CAT 3 or CAT 4 Standard or Ball Hitch			CAT 4 or CAT 5 Standard or Ball Hitch		
Jack	8,000 lbs. manual jack			Hydraulic jack with manual ball valve		
Hydraulic Remote Valves Required	5		5 + Hydraulic Jack			
Electro-Hydraulic Joystick Option	3 Remotes required					

BLADES

- 22 in. 25 wave low concavity blades
- Blade Spacing: Net 5 in. spacing; 10 in. spacing per row

OPERATION

- Speed: 8.5 - 14 mph
- Working depth up to 1 - 5 in.

OPTIONS

- Finishing options (See page 12)
- Optional mechanical gauge wheel for 20' model (15x31 tire)
- Hitch type:
 - CAT 4 Articulating
 - CAT 5 Solid
 - CAT 5 Articulating
- ElectroHydraulic Joystick Option

	20 Foot	25 Foot	30 foot	35 Foot	40 Foot
Weight lbs.	15,440	19,300	26,100	27,800	29,100
Driving Interval	19 ft. 1 in.	24 ft. 1 in.	29 ft. 1 in.	34 ft. 1 in.	39 ft. 1 in.
Blade Quantity	48	60	72	84	96
HP Required**	240-360	300-450	360-540	420-630	480-720
HEIGHT					
Roller Cylinder Extended	12 ft. 6 in.	12 ft. 7 in.	13 ft. 5 in.	12 ft. 11 in.	13 ft. 3 in.
WIDTH					
Roller Cylinder Extended	12 ft. 11 in.	12 ft. 11 in.	13 ft. 9 in.	13 ft. 9 in.	13 ft. 9 in.
Frame Sections	2		3		
Mainframe Structure	6 in. x 6 in. tubular steel		6 in. x 6 in. tubular steel		
Hitch Structure	6 in. x 8 in. tubular steel		6 in. x 10 in. tubular steel		
Tires, Mainframe	600/50R-22.5		600/50R-22.5	800/40R-22.5	
Tires, Wings	-	13.5L-15x31	500/50R-22.5	550/50R-22.5	
Draw Bar Hitch	CAT 3 or CAT 4 Standard or Ball Hitch		CAT 4 or CAT 5 Standard or Ball Hitch		
Jack	8,000 lbs. manual jack		Hydraulic jack with manual ball valve		
Hydraulic Remote Valves Required	4		5 - Includes Hydraulic Jack		

BLADES

- Blade Spacing: Net 5 in. spacing; 10 in. spacing per row
- Front row: compound 14° open angle & 22 in. smooth low concavity blades
- Rear row: compound 17° open angle & 22 in. notched low concavity blades

OPERATION

- Speed: 8.5 - 14 mph
- Working depth 2 - 5 in.

OPTIONS

- Finishing options (See page 12)
- Optional mechanical gauge wheel for 20' model (15x31 tire)
- Hitch type:
 - CAT 4 Articulating
 - CAT 5 Solid
 - CAT 5 Articulating
- Notched Blades on Front

*Specifications are subject to change without notice. All weights, dimensions, and other specification values listed are for standard equipment. Optional features, configurations, and machine settings may alter these values, including transport dimensions. Where specifications vary by equipment setting, the minimum value will be used unless otherwise stated. For the most accurate and up-to-date information, please contact your dealer or our customer support team.**Horsepower requirements vary by speed and operating depth

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SALFORD FIELD YOUR BEST



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