



9600 FIELD CULTIVATOR



Model 9650-46

THE NEW ERA IN FIELD CULTIVATORS

THE ULTIMATE SEEDBED FOR IMPROVING YIELDS



Model 9630-34



The Landoll 9600 Field Cultivator meets the needs and expectations of today's top producers by providing outstanding performance and product uptime season after season.

Time is more important in farming today than it's ever been and plays a major role in how good the crop will be. The 9600 Field Cultivator will help producers meet their timeline during the crucial spring and fall planting seasons. Outstanding quality is designed and manufactured into every part; built in quality keeps it performing without costly delays, day after day and season after season.

More importantly, the 9600 Field Cultivator will handle high residue fields and provide the smooth level seedbed producers expect and demand. Put the 9600 Field Cultivator to work in your operation, and let it help increase your yields by delivering the perfect seedbed that is so important when it comes to emergence and uniform stands.

Increase your R.O.I. with the Landoll 9600 Field Cultivator by creating the perfect seedbed and eliminating costly downtime.



Self-Leveling Hitch

The self-leveling hitch maintains the adjusted front to rear frame setting at any operating depth and directs positive weight onto the tractor drawbar — regardless of which finishing attachment is selected. It is more cost effective, pulls much easier and allows frames and other components to perform under less stress than competitive units with the floating hitch. Floating hitch type models feature support tires on all four corners of the center section of 3 and 5-section models, limiting frame movement. As ditches and rough terrain are crossed, increased stress will be applied to the center frame and its components.

PROVED AND UNIFORM EMERGENCE



High Quality Frames

High-tech laser cutters and robotic welders provide manufacturing capabilities that place the heavy-duty bridge frame of the 9600 Field Cultivator in a class of its own. Laser cutters precisely cut all frame components with unmatched accuracy and notch all 2" x 2" fore-to-aft bridge tubes for a precision fit up to the 3" x 4" shank mounting tubes. This precision provides excellent component fit-up and allows high-quality welds to be produced every time by robotic welders. Each frame features 135" fore-to-aft depth and 30" between ranks for maximum residue clearing capabilities. High-quality powder coat paint adds the finishing touch to each frame.

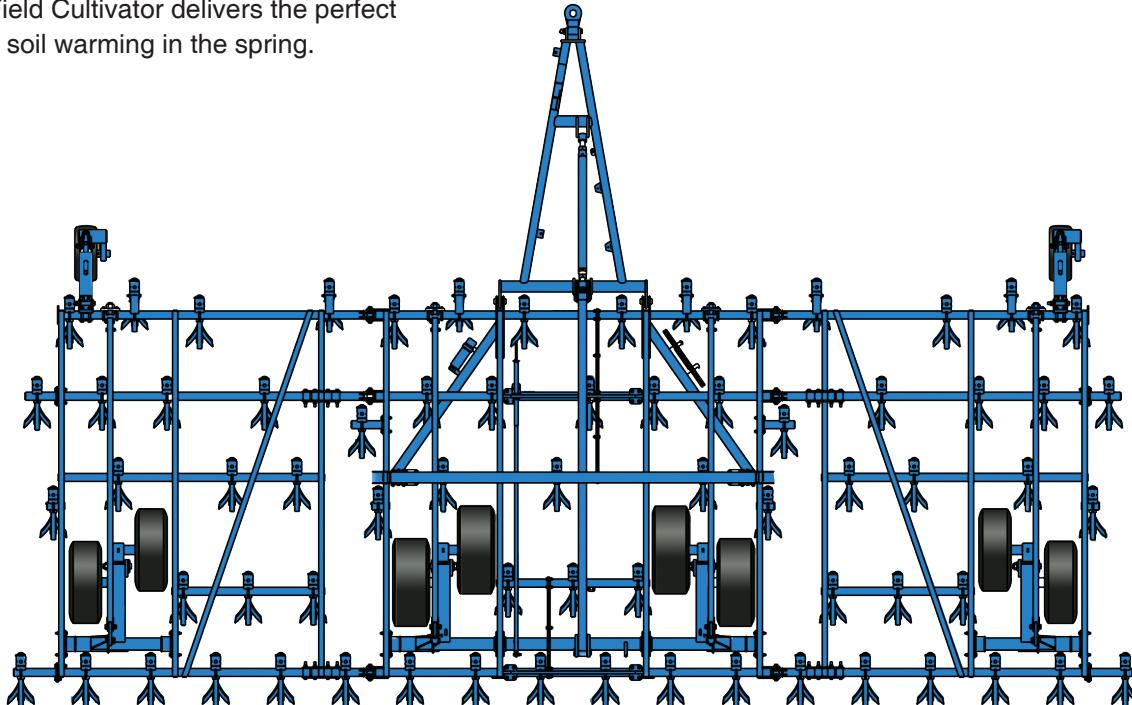
Split the Middle Shank Arrangement

The shank arrangement on the 9600 Field Cultivator provides a split the middle sweep pattern for the ultimate seedbed preparation. This arrangement splits the middle of each sweep path for excellent and consistent soil mixing, outstanding residue flow and a level soil profile.

The 6" shank spacing provides maximum tillage action for excellent weed control. It also provides uniform mixing of soil, residue and chemicals throughout the soil profile. The 9600 Field Cultivator delivers the perfect seedbed and faster soil warming in the spring.

This allows earlier planting for more consistent emergence and uniform stands.

Spring shanks on the front row of the 9600 Field Cultivator are staggered and minimize flow restrictions when entering high residue levels. Increasing flow through the front row of shanks is a key to trouble free cultivating. (Stagger Not Available when Equipped with S-Tine Shanks.)



UNMATCHED RESIDUE CLEARANCE



LED Light Kits

LED lights and slow moving vehicle emblem are standard equipment on all 9600 Field Cultivator models.



Spring Tension Shanks

The $5/8'' \times 1\frac{3}{4}''$ spring tension shanks feature 190 lb. point load, 10" trip height, $26\frac{1}{2}''$ under frame clearance, 6" spacing and 8" conventional-wing sweeps with a 47° stem angle. The shank pivot features a pressed in connex wear bushing that rotates on an inter-locking clamp bushing. Each inter-locking clamp bushing is nitrotec coated for increased hardness and corrosion resistance. Every shank assembly is covered by the Landoll 3-year warranty.



Rockshaft UHMW

Rockshafts rotate on UHMW (Ultra-High-Molecular-Weight) polymer, eliminating maintenance while minimizing wear. Controlled wear in these strategic points improves machine performance over longer periods of time.

10" Lift Cylinders

Every 10" lift cylinder is equipped with hardened wear bushings in the rod clevis, as well as in the upright component it connects to on the lift. This eliminates maintenance and controls wear.



The shafts of all cylinders are nickel and chrome plated for maximum protection against rust and corrosion.



Model 9650-46



Hitch & Tongue Jack

Category III single lip hitches with $1\frac{1}{2}''$ diameter hitch pin holes are standard on 3-section models and category IV with $2''$ holes are standard on 5-section models. Category V hitches with $2\frac{3}{4}''$ holes are optional on 5-section models. Heavy-duty screw type tongue jacks with 7,000 lb. capacity are standard equipment on all 9600 Field Cultivator models.

ANCE AND EVEN DISTRIBUTION



Gauge Wheels

Gauge wheels pivot for stress free turns and prevent gouging on the outer portion of the wing frames. They are standard equipment on the 28' through 50' models. The wheel pivots on plastic bushings and is equipped with 6-bolt double-lip sealed hubs. An adjusting wrench comes with the unit and stores on the frame.



Hinge Joints

All frame hinge joints are equipped with 1 1/4" hardened pins that rotate on maintenance free plastic bushings. No greasing is required, resulting in improved performance and extended life of the hinge.



S-Tine Shanks

Two-piece S-Tine shanks are available on the 9600 Field Cultivator for rock free soils. The shank features 190 lb. point load and will accommodate any sweep with a 47° stem angle.



Narrow Transport

The 9600 Field Cultivator hydraulically folds over center to narrow transport widths and heights and provides outstanding out of ground clearance. This allows the operator to safely move the unit from field to field. The wing frames on 3-section 20' and 24' models and the outer-wing frames on 5-section 38' and 42' models are equipped with one fold cylinder per wing frame while all remaining 3 and 5-section models utilize two per section. Slow moving vehicle emblems are standard equipment on all 9600 Field Cultivator models.

FINISHING ATTACHMENTS



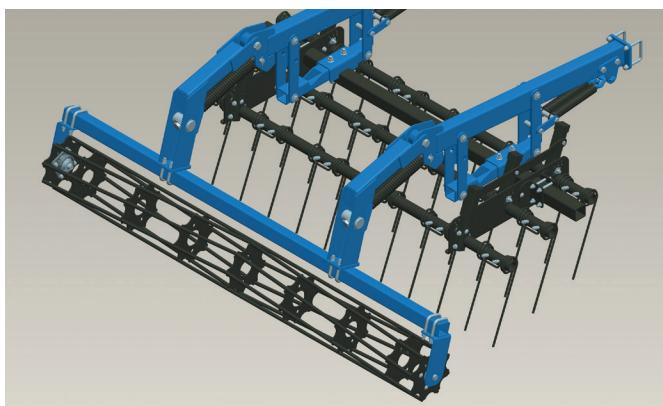
4-Row Coil Tine

The 4-row coil tine harrow features $\frac{7}{16}$ " x 18" tines on 2" centers. The 2" tine spacing positions tines perfectly in relationship to the back row of cultivator shanks, eliminating any possible tracks. The result is a smoother finish and improved seedbed. The 14" spacing between rows and 18" long tines handle the heaviest residue conditions. Each section has down pressure, height, pitch and tine angle adjustment to match field conditions.



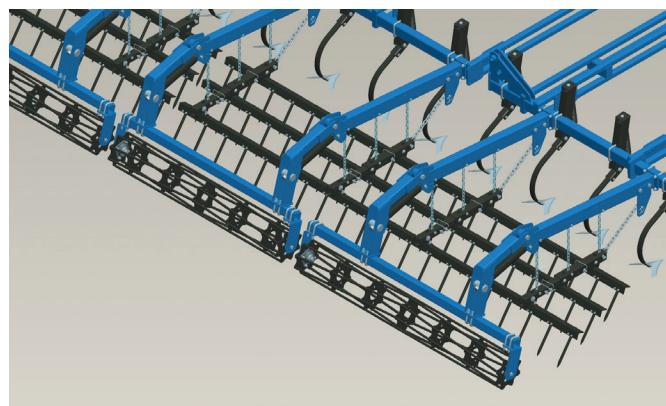
5-Row Spike

The 5-row spike harrow features $\frac{3}{4}$ " x 14" spike teeth on 1.8" overall spacing. The unit features 14" fore-to-aft spacing between rows with spikes spaced 9" on the same bar. The spikes can be adjusted at two different pitch settings to best match existing residue conditions. The heavy-duty unit provides increased leveling through aggressive action in the toughest field conditions for a smoother finish and improved seedbed.



3-Row Tine & Reel

Features on the 3-row coil tine are the same as on the 4-row tine, plus a 12" diameter-finishing reel is included with the assembly. The 12" reel features $\frac{3}{4}$ " spiral rods that eliminate vibration throughout the unit. The heavy-duty reel provides increased clod breakage and firming of the soil creating the ultimate seedbed. Down pressure and height adjustments allow the unit to be adjusted to handle the toughest field conditions, while rugged greaseable bearings meet operator uptime expectations and carry the Landoll 3-year warranty.



3-Bar Spike & Reel

The aggressive 3-bar spike in this assembly offers the same features as the big 5-bar unit and has a 12" diameter reel. The reel provides additional clod breakage and firming of the soil for an excellent seedbed. The $\frac{3}{4}$ " spiral rods built into the unit eliminate vibration, even at high speeds. The assembly has down pressure and height adjustments allowing the unit to be adjusted for most any field condition. Heavy-duty greaseable bearings are warranted for three years and meet operator uptime expectations.

CONTROL AND A PERFECT SEEDBED



Wing Frame Leveling Adjustment

Leveling the wing frame is simple and very user-friendly. A wrench comes with the cultivator for this adjustment and stores on the frame.

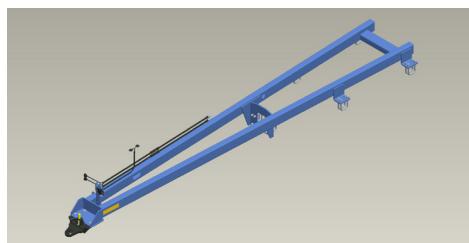


Hub & Spindles

Slip in type spindles, 2 1/4" diameter on 3-section and 3" diameter on 5-section models are equipped with triple-lip sealed hubs. All wing sections feature 6-bolt hubs with 11L x 15" tires while all center sections, except 20' and 24' models are equipped with 8-bolt hubs and 12.5L x 15 highway service tires. The hubs can be greased and all wheels feature valve stem protection. The heavy-duty highway service tires provide trouble free service both in the field and while moving down the road.

Powder Coat Paint

The 9600 Field Cultivator features powder coat paint, the toughest finish within the industry. This high-quality coating provides a very hard finish that resists scratches and rust, allowing the cultivator to retain a high gloss appearance for many years.



Optional Rear Hitch

The rear hitch extends over the finishing attachment allowing a unit to be towed behind the 9600 Field Cultivator. The clevis of the hitch can be extended, swings laterally and provides easy one-man hook up.



Walking Tandems

Walking tandem wheels and high flotation tires assure a smoother finish and better depth control regardless of how rough the terrain. The pivot bearings rotate on 2" hardened chrome spindles and can be greased.



Under Frame Lift

Under frame lifts reduce stress on rockshaft bearing mounts and bolts minimizing fore-to-aft tire movement during lifting cycles. This allows improved shank arrangement for higher residue clearance.

3-Year Warranty

Everything on the 9600 Field Cultivator is covered by the Landoll 3-year warranty policy with exception of tires, hydraulic hose and ground engaging tools such as sweeps and tines. These components are covered by the supplying manufacturer's warranty policy.



Single Point Depth Control

The user-friendly single point depth control simplifies setting the operating depth of the 9600 Field Cultivator and provides precise depth control for the ultimate in finish operations. Each turn changes depth 1/4".

Standard Sweep

An 8" conventional sweep featuring constant width wings and a 47° stem angle is standard on the 9600 Field Cultivator.



LIGHTER DRAFT - MORE ACRES - LESS COST



Pulverizer Attachment

Brillion Pulverizers by Landoll are available to be pulled behind the 9600 Field Cultivator for additional finishing of the soil. The unit will firm the soil by pressing out undesirable air pockets and provide additional clod breakage for an even better seedbed. Producers with rocky fields can utilize the pulverizer to push stones back into the soil that may have surfaced. Larger pulverizer models fold for transporting.



MODEL SPECIFICATIONS

Model Number	Working Width	Number of Shanks	Shanks per Section	Transport Width	Transport Height	Spring Shank Est. Weight
9630-20	20'6"	41	9-23-9	16'0"	9'3"	9,600 lbs.
9630-24	24'6"	49	13-23-13	15'6"	11'1"	10,165 lbs.
9630-28	28'6"	57	17-23-17	15'1"	13'0"	10,625 lbs.
9630-30nc	30'6"	61	19-23-19	15'1"	13'10"	10,845 lbs.
9630-30	30'6"	61	17-27-17	17'4"	13'0"	11,500 lbs.
9630-32	32'6"	65	19-27-19	17'4"	13'10"	10,720 lbs.
9630-34	34'6"	69	21-27-21	17'4"	14'10"	11,940 lbs.
Five-Section						
9350-38	38'6"	77	10-15-27-15-10	17'4"	11'11"	16,440 lbs.
9650-42	42'6"	85	14-15-27-15-14	17'4"	11'11"	17,640 lbs.
9650-46	46'6"	93	14-19-27-19-14	17'4"	13'11"	18,400 lbs.
9650-50	50'6"	101	18-19-27-19-18	17'4"	13'11"	18,950 lbs.

Specifications are subject to change without prior notification. Weights and specification above based on spring tension shanks and less finishing attachments.



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