

John Deere

140H1 and 140H3 Tractors

Quality Features



140H1 has single hydraulic function.



140H3 Tractor has hydrostatic drive and triple-hydraulic functions.

14-hp. engine — The 140H1 and 140H3 have heavy-duty, air-cooled, 1-cylinder, 4-cycle, engines with a cast-iron block. An automatic compression release assures fast starts in any weather, reduces battery drain.

Hydrostatic drive — A single lever is used to move the tractor forward or backward, select the proper speed, and brake. For safety reasons, reverse speeds are slower than forward speeds.

Hydraulic system provides fingertip control over most front-, center-, and rear-mounted equipment. The 140H1 has a single-function hydraulic system for raising and lowering equipment. The 140H3 has a triple-function hydraulic system for angling front- or center-mounted blades as well as raising or lowering equipment.

Dual braking system — Generally the hydrostatic drive is used to brake 140 Series Tractors. However, both rear wheels are equipped with individual brakes which may be operated independently by dual foot pedals. This provides better maneuverability through tighter turning.

Clutch pedal returns the speed control lever to neutral. It is located on the left side of the tractor.

Electromagnetic clutch — The mower, snow thrower, and some allied equipment for the tractor are belt driven by a sheave that is engaged and disengaged by an electromagnetic clutch. This unit is extremely simple and dependable. It is controlled by a dash-mounted switch. Clutch stops mower or other PTO-driven equipment within seven seconds.

Triple-safe starting — You can't start these tractors without a key, if the power takeoff is engaged, or if the speed control is in any setting other than neutral.

Comfortable bucket seat has a foam-cushioned bottom and backrest. The seat is spring supported for a comfortable ride, and may be quickly adjusted. The high backrest provides excellent back support.

Automotive-type steering uses an enclosed worm and cam. The steering mechanism has a reduced ratio, providing easy steering even with high-flotation tires.

Convenient controls make driving a pleasure and quickly give a new operator a feeling of confidence. All controls are out of the way, but within easy reach.

Designed for safety — The 140 Tractors are designed with operator safety in mind. There are no exposed belts or moving parts in the operator's area.



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140H1 and 140H3 Tractors

Quality Features

Wide, steel fenders and deck not only shield the rear wheels, but also deflect mud and dust. The unit is mounted on rubber pads to soften the ride and reduce vibration.

Solid-state voltage regulator is simple and has no moving parts. It gives long, dependable service.

Adjustable rear wheels have sealed ball bearings. Tread width range is 29 to 35 inches, adjusted by reversing the wheels. Wider tread provides greater stability.

Headlights and taillights and cigaret lighter are regular equipment on the 140H3 . . . extra on the 140H1.

Integral equipment for 140H3 Tractors:

41 Rotary Mower	38-inch cut
48 Rotary Mower	46-inch cut
54 Front Blade	54 inches wide
54C Center Blade	54 inches wide
49 Snow Thrower	46-inch cut
33 Rotary Tiller	26- to 42-inch cut
3-point hitch	For John Deere and allied equipment

Specifications

Engine

Manufacturer	Kohler, Model K321AS
Cylinder	One
Cycle	Four
Bore and Stroke	3.50x3.25 in.
Displacement	31.27 cu. in.
Horsepower (engine manufacturer's rating)	14 @ 3,600 rpm
Compression release	Internal mechanical type

Capacities

Gas tank	1.75 U.S. gal.
Engine crankcase	3 U.S. pt.
Transmission	5 U.S. qt.

Travel Speeds

Forward	0.5 to 6.75 mph
Reverse	0.5 to 3.75 mph

Transmission

Oil reservoir	Rear-axle housing
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Electric System

Battery	12-volt, 40-amp.
Starter switch	Ignition key and solenoid
Ignition	Battery coil

Fuel System

Type of fuel	Regular gasoline
Filter	In-line strainer

Air Filter

Type	Dry filter
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Brakes

Type	Internal expanding drum
Number	Each rear wheel (individually controlled)

Parking	Hand lock to foot brake
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Steering

Steering	Enclosed worm and cam
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Wheel Bearings

Front	Tapered roller
Rear	Ball

Dimensions

Wheel base	46 in.
Overall length	67.5 in.
Overall height	42.4 in.
(Min.)	37 in.
(Max.)	42.5 in.

Tire Sizes

GT-3 Front	16x6.50-8 2-ply
GT-3 Rear	23x8.50-12 2-ply
GT-4 Front (bar tread)	4.80/4.00-8 4-ply
GT-4 Rear	23x8.50-12 2-ply
GT-5 Rear	23x10.50-12 2-ply
GT-8 Rear (bar tread)	23x10.50-12 2-ply



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41 and 48 Rotary Mowers

for 140H1 and 140H3 Tractors

The 48 Mower, shown on the 140H1 Tractor, cuts a 46-inch swath.



Quality Features

Two widths of cut—The 41 Mower cuts a 38-inch swath . . . 48 Mower cuts a 46-inch swath. Both are 3-bladed mowers. These mowers equal or exceed OPEI safety standards.

Parallel-linkage mounting provides flotation for the mower; gauge wheel and non-scalp rollers help ensure a smooth, even cut.

One-piece mower deck—The curved, no-corner design produces a fast, free flow of air and clippings.

Three alloy-steel blades give long service, cut cleanly, and hold sharp cutting edges. Blade patterns overlap, assuring non-skip mowing. Blades are offset so no timing is required. Blades have washer safety mounting.

Easy-on, easy-off—No tools required. Cadmium-plated lift links and spring locking pins will not rust or corrode.

Designed for close trimming—Clearance between the left blade tip and mower deck is only $\frac{5}{8}$ inch. This keeps hand trimming to a minimum.

Five cutting heights—Mower is easily set at any of five cutting heights, from approximately 1.5 to 3.5 inches. Gauge wheels should be adjusted so they just clear the ground when mowing.

Triple-safe starting system—Tractor cannot be started without the key, if the mower drive is engaged, or if the hydrostatic drive is engaged.

Safety discharge chute deflects most thrown objects into the ground within a short distance of the mower. And the hinge extends over the blade tip to provide additional foot protection. The chute is hinged to reduce storage space and make transport easier.

Tractor's hydrostatic drive lets you vary the speed of the tractor without changing the speed of the mower blades.

Belt-tension control—A belt-tension control on the front of the tractor tightens the belt. A gauge indicates the amount of tension required.

Specifications

Cutting widths 41 Mower, 38 inches
48 Mower, 46 inches

Blades (number) 3

Cutting height adjustment 1.5 to 3.5 inches (approx.)

Trimming clearance 63 inch

Weight 41 Mower, 114 lb.
48 Mower, 141 lb.

Extra Equipment

Leaf mulcher makes fall cleanup easy. Leaves are pulverized and spread uniformly over the lawn. It attaches to the mower with two thumbscrews.

Anti-wrap guard may be assembled to each blade spindle. They are particularly useful when mowing in areas where debris is a problem.



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54 Front Blade

for 140H1 and 140H3 Tractors



The 54 Front Blade
clears a path 54
inches wide.

Quality Features

Really pushes things around—Snow, dirt, gravel, trash—the 54 Front Blade for 140H1 and 140H3 Hydrostatic Tractors gives them all a shove.

Wide working range—The blade has a working range from 3.5 inches below to 15 inches above ground. The 140 Tractors are designed so the blade can float freely to follow surface contours.

Curved moldboard—Blade and cutting edge form a continuous curve. The moldboard, therefore, rolls rather than pushes material, providing greater capacity.

Replaceable cutting edge—The hardened-steel cutting edge may be easily replaced when worn.

Blade angling—In the center position, the blade takes a 54-inch cut. The blade may be angled in two positions, left or right of center. On a 140H3 Tractor, when equipped with an extra hydraulic angling kit, the blade may be set in an infinite number of positions, from 30 degrees right, to 30 degrees left of center. No tools are needed to change blade setting.

Safety trip allows the blade to spring forward if it hits an unyielding object. Springs return the blade to working position. The blade may also be rigidly locked for digging and clearing.

Adjustable skid shoes may be set in any of ten height positions. Blade height can therefore be set

above the "grading" surface, to leave just the amount of material desired when "filling and leveling."

Specifications

Over-all width.....	54 in.
Height.....	18 in.
Weight (approx.).....	140 lb.
Working range.....	3.5 in. below to 15 in. above ground level
Blade width (max.).....	54 in.
Angle adjustments	
Manual (140H1 or 140H3).....	5 settings
Hydraulic (140H3) w/hydraulic kit.....	Infinite range from 30 degrees right to left



Rubber squeegee provides an extra measure of cleaning action in extremely wet or slushier snow. It is also a "driveway saver" because it prevents the blade from scratching or digging into the drive. It prevents damage to sod along sidewalk or driveway.

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(Specifications and design subject to change without notice.)



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54C Center Blade

for 140H1 and 140H3 Tractors

The 54C Center Blade has a 54-inch working width.



Quality Features

Great for landscaping—Depending on the work requirements, the 54C Center Blade may be better adapted for grading than the front-mounted blade. The front-mounted blade is basically a pushing blade; the 54C Center Blade may be more suitable for precision grading and leveling work. Center positioning, beneath the tractor, provides maximum control and rigidity for smooth grading action and effective "filling and leveling."

Angling—In the center position, the 54C Center Blade has a working width of 54 inches. It may be angled 20 degrees right or left with the manual angling lever, or angled hydraulically with the 140H3 Tractor. (Hydraulic angling is an extra and may be used only on the 140H3 Tractor.)

Tilt—The 54C Center Blade may be manually tilted 9 degrees forward or backward, to match the work you're doing. The degree of tilt affects the aggressiveness of the cutting edge.

Lift—The 54C Center Blade is raised and lowered with the tractor's hydraulic equipment lift; it may be

raised 3 inches above, or lowered 3/4 inch below ground level.

Adjustable skid shoes may be set in different positions to match working requirements.

Replaceable cutting edge of hardened steel for long life.

Quick-and-easy attaching—No tools or prior adjustments are necessary for attaching the 54C Center Blade to 140 Tractors.

Specifications

Tilt.....9 degrees forward and rear (manual)

Attaching.....Spring-locking pins, no tools needed

Weight.....Blade assembly, 102 pounds

Mounting bracket, 2 pounds

Hydraulic angling kit, 8 pounds

Width of blade.....54 inches

Moldboard height.....9.63 inches

Range of lift.....0.75 inch below to 3 inches
above ground level

Angling.....3-position manual, 20 degrees
right and left of center.

(Hydraulic angling for 140H3 Tractor only)



John Deere

49 Snow Thrower

for 140H1 and 140H3 Tractors



49 Snow Thrower for 140H1 and 140H3 Tractors clears a path 46 inches wide.

Quality Features

Takes the work out of snow removal—A good way to ease snow removal chores is with a 49 Snow Thrower for a John Deere 140H1 or 140H3 Tractor.

Wide cut—The 49 Thrower takes a 46-inch cut. The 12-inch auger provides plenty of capacity.

Swiveling discharge spout lets operator control the direction of throw right from the seat. It may be set in any position in its 240-degree arc. The adjustable cap on the spout determines distance of throw. Drift knife for use in deep snow is regular equipment. Knife slices through deep snow and channels it into the auger.

Replaceable wear plate is bolted behind the auger between the discharge spout opening and the base of the thrower. This plate, which is easily replaced, protects the area where most wear occurs.

Cutting blade along the bottom of the thrower may be reversed to double its life.

Steel roller-chain drives the auger. There's no slippage in heavy snow or high drifts. A V-belt drive is used from the engine to the thrower.

Tractor's hydrostatic drive lets you slow tractor travel speed and work your way through heavy drifts without reducing engine power to the thrower.

Adjustable skid shoes help control cutting depth on irregular surfaces, and also protect the base and frame of the thrower. They are easily replaced.

Auger bearings and shear pin—The auger turns smoothly on sealed, anti-friction ball bearings. A shear pin protects the drive if the auger encounters a solid obstruction.

Working range of the snow thrower is set by the tractor's hydraulic lift.

Specifications

Blade width.....46 inches
Auger bearings.....Sealed ball bearings

Spout turning radius.....240 degrees
Auger speed.....888 rpm
Thrower drive.....V-belt
Auger drive.....Roller chain

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(Specifications and design subject to change without notice.)



John Deere

33 Tiller

for 140H1 and 140H3 Tractors



The 33 Rotary Tiller is driven from a rear PTO on the tractor. Tiller gear-box control lever is easily reached from tractor seat.

Quality Features

Easy depth adjustment—Maximum penetration is seven inches. The tiller is raised and lowered hydraulically by the lift lever on the tractor.

Tractor's hydrostatic drive lets you run the engine at full throttle, providing full power to the tiller, while traveling at slow speed.

Free-floating—A spring counterbalance lets the tiller ride over obstructions, then return to the preset depth.

Clutch is positive—It starts and stops the tiller instantly. Flow of power is smooth and without slippage.

Offset design—John Deere Tillers are offset to permit closer row-crop cultivation. Straddling of low-growing crops planted in rows closer together than the width of the tractor wheel tread is also possible.

Full-width tilling—John Deere Tillers provide thorough tilling from end to end. Raise rear shield for coarse ground texture . . . lower for fine texture.

Safety construction—Cowling, end-covers, and rear shield trap rocks and other debris, protecting the operator, bystanders, and buildings. End-covers also help protect plant foliage when cultivating.

Heavy-duty tines—Bolo-type tines are constructed with two double-point, high-carbon, heat-treated steel blades. Tine tips flare out so turning patterns overlap. Secure mounting keeps tines in alignment.

Safety slip clutch—A PTO driven disk slip clutch protects tractor or tiller from damage and is adjustable to match tiller and ground conditions.

Specifications

Drive	Double V-Belt from rear PTO
Chain	
External.....	ASA No. 50
Internal.....	ASA No. 60
Tilling width	26-, 34-inch, regular; 42-inch, optional
Tilling depth	7 inches maximum
Tilling speed	At slowest speed setting— .3 mph
Tine speed	150 RPM at full throttle
Bearings	Sealed



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110, 112, 140H1 and 140H3 Tractors

Accessories



Dual headlights and red taillights are available for 110, 112, and 140H1 Tractors. They are regular equipment on the 140H3 Tractor.



Wheel covers—Chrome wheel covers, front and rear, give sportiness to a John Deere Lawn and Garden Tractor. They add a glistening "finishing touch."



Storage cover—This reinforced vinyl green storage cover keeps a tractor looking like new longer. It sheds water, and an elastic cord around the bottom holds it in place. Helps keep kiddies safe.



Winter enclosure offers protection against winter cold and wind. The doors, windshield, back, and hood may be removed to provide a steel sun top.



John Deere sunshades—Three types are offered. Shown above is the surrey shade. An umbrella is also offered. Third is the sunshade of the winter enclosure.

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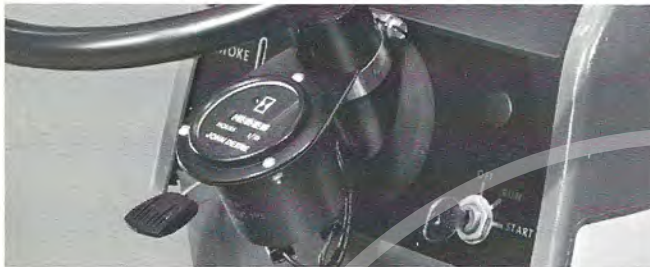
(Specifications and design subject to change without notice.)



John Deere

110, 112, 140H1 and 140H3 Tractors

Accessories



Hour Meter—attaches easily to the steering column and provides a quick check of hours tractor has been in operation. Registers hours run up to 9,999. Handy indicator for service periods.



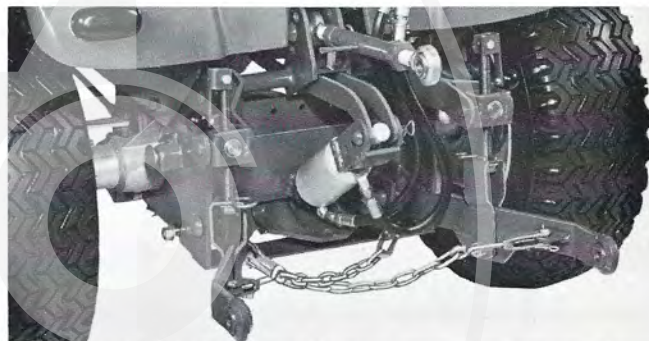
Battery Charger A 12-volt, 5-watt battery charger is simple and easy to use. After initial installation of battery leads, (which remain attached to the battery), simply plug charger into any 120-volt AC outlet and connect couplers. It is easily disconnected after use. It's no longer necessary to remove the battery and take it to a service station for recharging.



Front-mounted PTO attachment for 140H1 and 140H3 powers a portable farm elevator or other light-running PTO-driven equipment. It has a 540-rpm spline shaft.



Front-mounted PTO attachment for 110 and 112 Tractors provides power from the right side. It has a 540-rpm spline shaft to provide power for light-running PTO-driven equipment.



3-point hitch for the 140H3 Tractor has upper-link sensing for mechanical draft control. Hand-crank-adjusting draft links and hand-turnbuckle-adjusting top link provide quick, and easy hook-up to 3-point hitch equipment. This unique 3-point hydraulic-operated hitch gives the 140 "big-farm-tractor" adaptability for big grounds and harder lawn and garden chores.

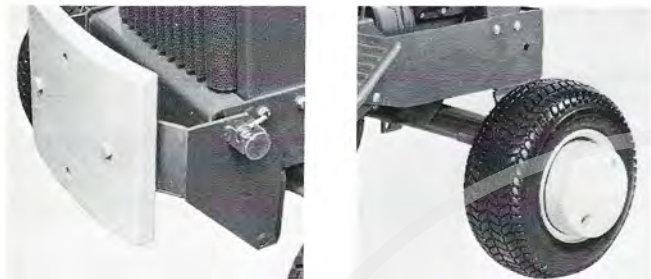


Integral hitch for the 110, 112, 140H1, and 140H3 is easy to attach. Provides single pin hook-up to most equipment. Hitch is adjustable to control the depth of tillage tools.



John Deere 110, 112, 140H1 and 140H3 Tractors

Accessories



Front weights—One, two, or three 39-pound weights may be added. A 38-pound weight for each front wheel may be added to a 140H1 or 140H3 in place of a front-end weight.



GT-5 Tires: high-flotation GT-3 front, but 2-inch wider GT-5 rear.



GT-3 Tires: standard high-flotation, front and rear.



Rear-wheel weights and chains—Weights (58 pounds each) increase traction and may be attached singly or in pairs. Chains increase traction on slippery surfaces.



GT-4 Tires: low profile for rear, studded 4-ply front.

A wide choice of tires lets you equip your John Deere tractor exactly the way you want it. High-flotation tires, such as the GT-3 and GT-5, are the most popular because they avoid turf "scuffing" and they also keep ground pressure to a minimum. When you need greater traction or when the tractor has heavy-front-mounted equipment such as a loader, use the GT-4 or GT-5 tires. And when you want high-flotation on the front and traction on the rear, choose the GT-5 tires. Tires for every purpose.

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