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9920
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The John Deere 9940, America's biggest-capacity picker, and the new 9920, the ultimate 2-row, come field-ready at the base price

Only the cotton harvesting pros at John Deere offer you a cotton picker choice—the exclusive 4-row 9940 or the ultimate 2-row, the new 9920. Both pickers now feature 12-bar drums front and rear. These lower-inertia units pick just as clean as the 16-12 machines, and better in some conditions. They have no grease points on the top of the units. This makes greasing easier. Both pickers use Jet-Air-Trol® to send the cotton sailing to the basket with less trash. The 9940 and the new 9920 come with big-capacity baskets, solution tanks and fuel tanks to keep them on the row harvesting longer each day.

The exclusive 4-row 9940 and the ultimate 2-row, the 9920 Picker, are capable of reducing your harvesting cost and cutting field time.

This 4-row picker can harvest more bales per day than a 2-row at a lower cost than two 2-rows

You know what production costs are doing to your cotton profits. The cotton harvesting pros at John Deere have a picker that can save you money while harvesting more acres... the John Deere 9940, America's first 4-row cotton picker.

With the 9940, you'll cut costs with increased picking capacity. Sure, you can harvest a little more cotton with a pair of 2-rows. But they cost more to operate than one 9940.

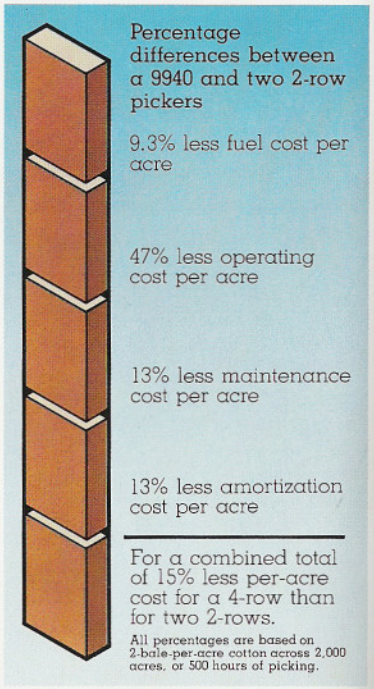
Let's look at cost-cutting facts. First, a 4-row costs less to buy than two 2 rows... less initial investment. Second, labor requirements are lower. One driver and probably fewer other people to keep the 4-row in the field. Third, fuel costs will be slashed, and that's a big payoff.

During five years of rigorous testing, cost figures were carefully checked and rechecked, and proved the 9940 saves big dollars every round.

Tests showed that a 9940, picking at a rate of 500 hours per year in 2-bale-per-acre cotton, could harvest 2000 acres in a year at a cost of $31.93 per acre. With two 2-rows it cost $38.42 per acre to cover the same acres. Savings totaled up to $7.31 per acre in favor of the 9940. That's more than $14,000 across 2000 acres. Big bucks every year in your favor with the 9940 as your lead picker.

The 9940 uses less fuel than two 2-row pickers. In comparison tests, the 4-row used 565 fewer gallons of fuel over 2000 acres than two 2-rows. In fact, that's enough fuel for a 4-row to harvest an additional 250 acres.

It can harvest 85 to 95 percent more cotton than any 2-row. The 9940 with 12-inch basket extension can harvest approximately 85 to 95 percent more acres per hour than a swift 9920. In 2-bale-per-acre cotton, this fast 4-row gobbles up 3.82 acres per hour, or 7½ bales per hour. That's 3½ bales more per hour than any 2-row.



The chart above shows the percentage differences between two 2-rows and one 4-row. All these percentages are based on 1980 field test data and 1982 cost figures.

Two 2-rows may pick a little more cotton than a 4-row, but the 9940 costs less to operate. One 4-row can harvest 85 to 95 percent more cotton per day than any 2-row.


9940
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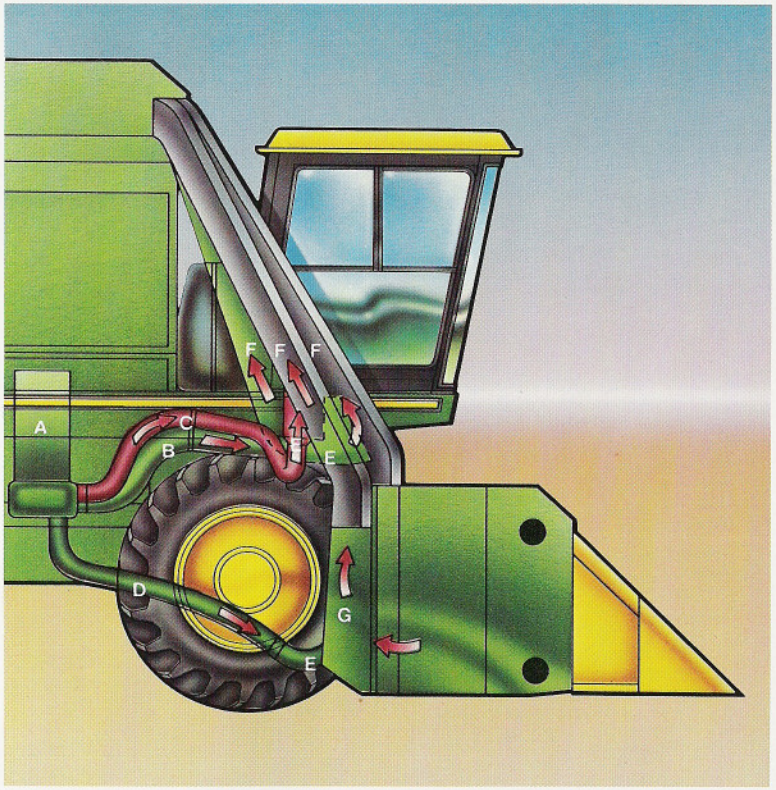
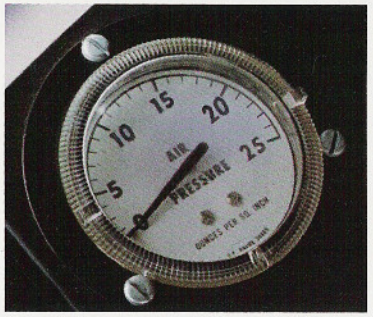


With the improved air-routing system the 4-row sails through high-yielding cotton, making quick work of big fields.



A fan monitor warns the operator of inadequate air in the manifold, to reduce plugging.

Rear cleanout doors (top photo) for the 9940 row units make cleaning easy. Middle photo—this aluminum-rotor fan delivers plenty of air to keep cotton moving.

Improved air routing system lets the 4-row sail through your highest yield

The exclusive 9940 now has an improved air-routing system that lets the 4-row handle high-yielding cotton faster. The 4-row features 7-inch upper hoses for the double suction doors and 4-inch hoses that connect the manifold directly to the outside ducts. To the left is an airflow diagram that shows how the 9940's system works. A single fan (A) blows air through B (7-inch), C (4-inch) and D (4-inch) hoses to front and rear nozzles (E). As air enters conveyor ducts (F), it creates a suction in the doors (G) which quickly lifts cotton out of the door area and sails it through the ducts where it's blown gently into the basket. By using individual hoses for the double suction doors and the outside ducts the 9940 can handle greater volumes of cotton faster.

To provide more room between the doffer column and the double suction doors, unit doors have been moved back 1.68 inches at the bottom. This increases the row unit capacity, allowing more cotton to fall into the double suction doors.

These improvements mean the 9940, now more than ever, can sail through your highest-yielding cotton.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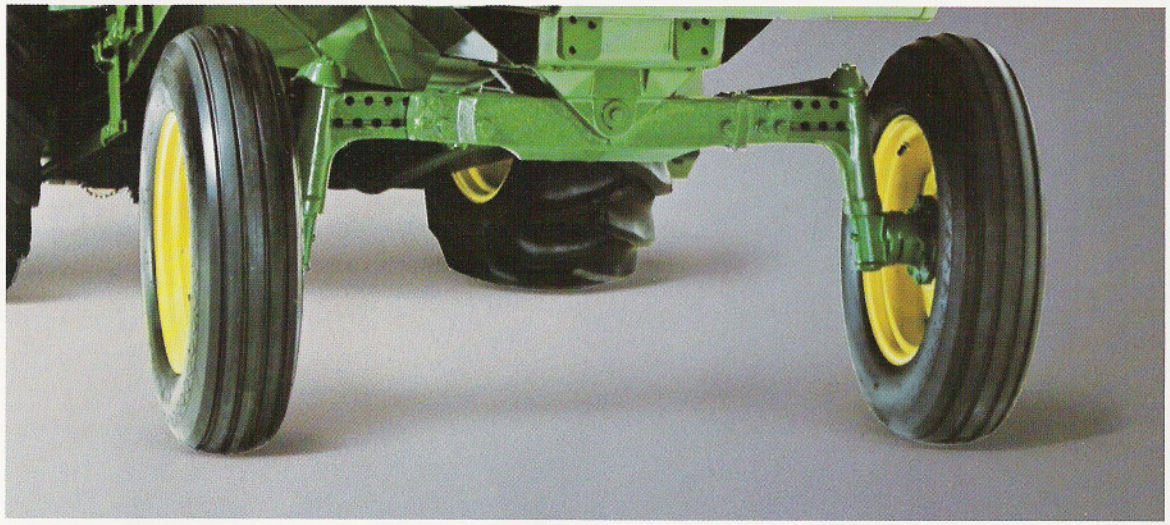
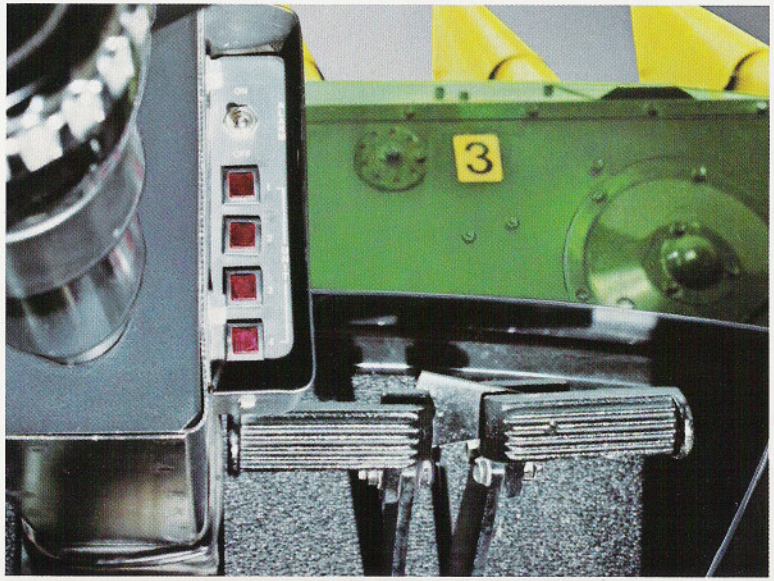


An adjustable wide rear axle allows the 9940 to fit into 38- or 40-inch rows. The oscillating axle allows the wheels to follow ground contour to keep the 9940 picking or turning level.

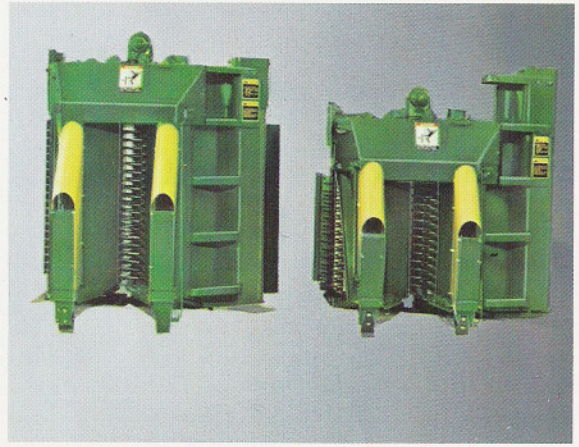


Power wet-disk brakes and power steering make it easy for operators to maneuver the 4-row at turn rows, around module builders or trailers quickly and easily.

Two guide wheels give the 9940 more stability and control

The 9940 features two rear guide wheels with 9.00-24 tires. By using the 2-wheel system, weight is more uniformly distributed to improve performance in muddy conditions, or across uneven land, ditches or levees. The oscillating axle allows the wheels to follow ground contours. It lets the 9940 negotiate levees and ditches where it would be almost impossible to turn with a 2-row picker. Operators will have better control, enabling them to stay on the row easier in muddy conditions. And having the guide wheels track with the drive wheels also gives better steering response. With the wide rear system you never run wheels in every middle, as a 2-row picker does. Operators will be able to make tight turns easier at turn rows and around module builders and trailers.

The 9940 has deep-lugged 18.34-38 drive tires that provide excellent traction and flotation and fit easily into middles without damaging plants.



The 9920 can be ordered with a high-drum system for heavy-yielding cotton, or the low-drum configuration for lighter cotton.

The engine area of the 9920 is totally screened to keep dirt and trash outside. Plus, the engine hood is sloped to keep dirt and trash from piling up.

This easy-to-open front drum door (top photo) makes clean-out fast, convenient and easy for operators.

No longer do you have to be a gymnast to climb the duct ladder. The 9920 has a handrail to make climbing to the basket easier and safer.

New 9920 Picker features lower-inertia 12-bar drum units to make it the ultimate 2-row picker design

Refining the best 2-row ever built—the 9910—was a tough challenge, but the cotton harvesting pros at John Deere have done just that with the new 9920... the ultimate 2-row.

The ultimate features the same exclusive 12-bar drums front and rear that made the 4-row 9940 the best in the field.

By using the 12-bar system, four picker bars have been eliminated, reducing each row unit's weight by 100 pounds. Some growers claim the 12-bar system does a better job of picking. They say they can definitely tell where a 12-bar picker has picked, because there are less opened bolls left. Why's this possible? The front-drum pressure plate on the 12-bar system is designed to expose cotton to the picking zone earlier. This action leaves less cotton in the field and sends more cotton to the 9920's basket.

Redesigned unit doors and air ducts move cotton to the basket quicker

The new 9920 features new front suction doors specifically designed for 12-bar drums front and rear. These doors increase air velocity around the front drum for a more efficient flow of air to send cotton to the basket quicker.

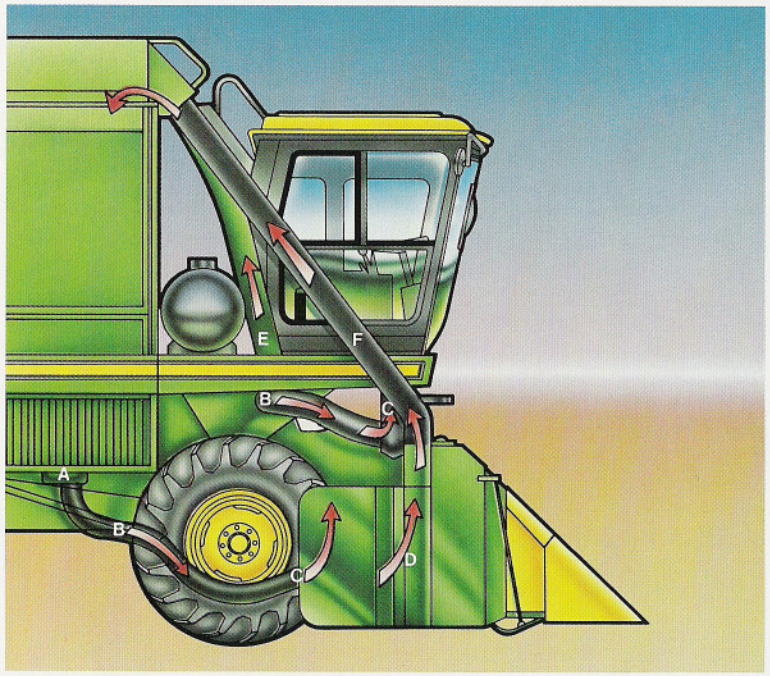
At the right, the airflow of Jet-Air-Trol® is diagrammed. A single fan (A) blows air through hoses (B) to front and rear nozzles (C). As air enters conveyor ducts (E), it creates a suction in the doors (D), which quickly lifts cotton out of the door area and into ducts where it is blown gently into the basket.

Trash and other fragments fall out through trash outlets in the row-unit bottom for improved turnout.

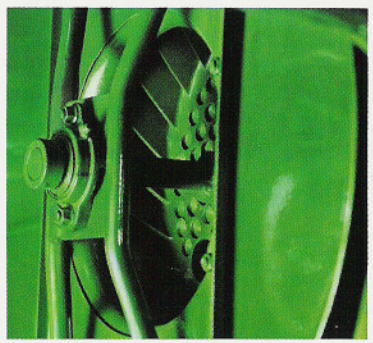
Air ducts on the 9920 are more rectangular to increase cotton flow and reduce places where sticks could become trapped. There are no sharp elbows to crack seed, damage lint, or invite plugs to form. With Jet-Air-Trol, if a duct does become blocked the system stops lifting. This avoids severe plugging in the ducts.

On the operator's console of the 9920, a fan air monitor (shown bottom of the page) warns the operator of airflow problems in the manifold, further reducing the possibility of plugging.

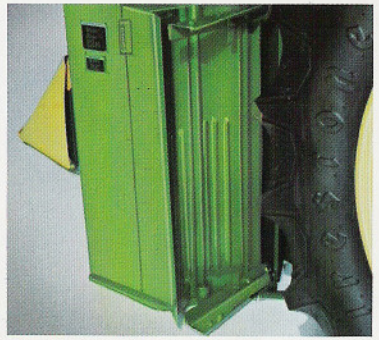
With Jet-Air-Trol, cotton touches only two moving parts—spindles and doffers. Cotton never makes contact with the fan or fan housing; therefore seed seldom gets cracked and pin trash isn't ground into the lint. Trash that may get into the basket is in large pieces and loose for easy removal in the ginning process.



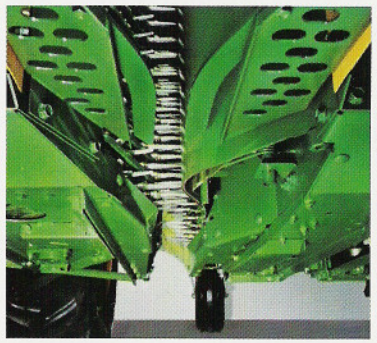
This air monitor on the console warns the operator of airflow problems in the fan air manifold, further reducing the possibility of plugging.



This 4100-rpm aerodynamic fan puts zip into the air delivery system, sailing cotton to the basket.



This front suction door is specifically designed for 12-bar drums front and rear. Louvers are located here where clean air can be sucked in and trash left outside. These doors increase air velocity around the front drum for a more efficient flow of air to send cotton to the basket faster.



Row-unit bottom trash outlets behind the front picking drum allow trash and dirt to escape through the bottom. Outlets are also provided for the rear units.

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The 9920 offers exceptional nonstop turn-row maneuverability and stability

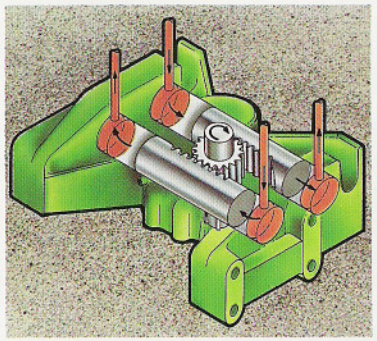
Long hours spent picking cotton get tiresome, and work quality slips. That's why the cotton harvesting pros at John Deere equip the 9920 with a steering and braking system designed for easy, accurate maneuverability. Power steering takes the strain out of steering. Fingertip control lets the operator keep row units on the row. And he can thread the needle on turn rows with ease. The large picture to the left proves the point... the 9920's 11-foot turning radius and power steering enable the operator to turn tight and get straight back on the row nonstop.

The 9920 has a powerful hydraulic steering motor located directly over the guide wheel to deliver maximum turning leverage where it's needed.

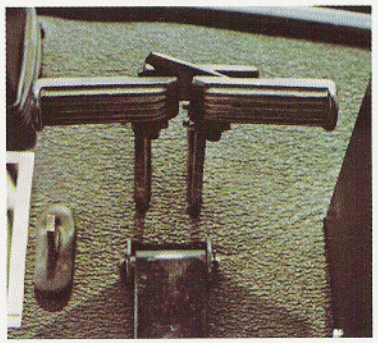
Gentle pressure on the differential brakes pivots the 9920 in the space of two rows, setting it up to go in the next two. In transport, latch the brakes together for smooth, straight-line stops, even in panic situations. The brake system automatically compensates for any differences in wear of disk-brake pads.

The 9920 is a stable picker. Basket location contributes to this as does the low, central location of the engine. Stability is a safety and comfort factor and you get the best of both in the 9920 2-row.

Differential brakes help make extremely tight turns at row ends easy.



This cutaway of the hydraulic steering motor shows the flow of hydraulic fluid that makes the 9920 easier to maneuver in tight situations.



Brake action is smooth but positive, and only light pressure on a pedal is necessary. A latch permits locking pedals together for transport safety.

This high-flotation 11.00-16 guide wheel helps provide a tight turning radius and has ample carrying capacity to support the picker.

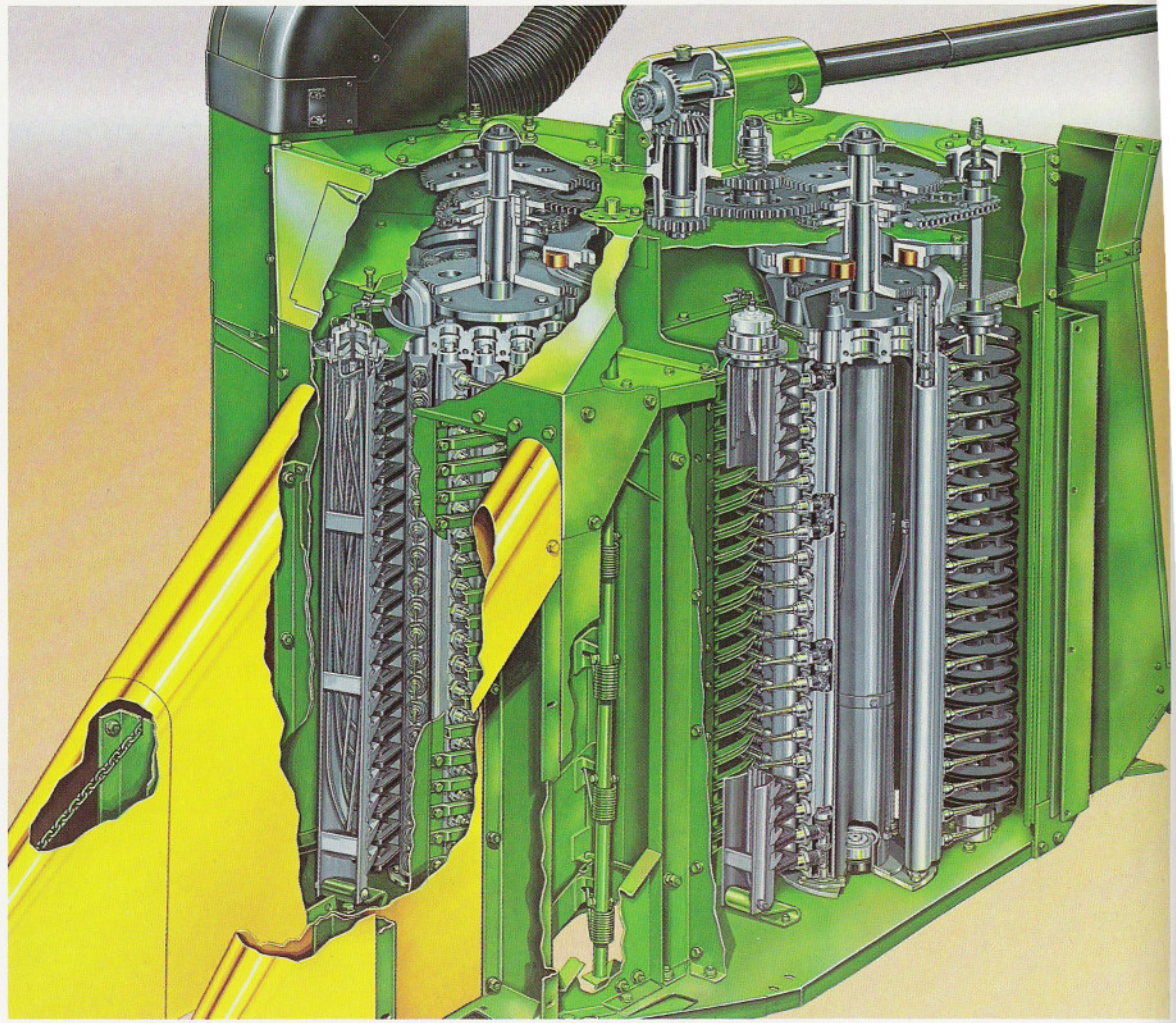
John Deere pickers come equipped with cleaner-picking, lower-inertia 12-bar drums

The heart of a cotton picker is its row units. Here the picking takes place and here you can spot the many differences between a John Deere and a picker of less heart.

The new 9920 2-row and the 9940 4-row both come with exclusive 12-bar drums front and rear. By having four fewer bars each row unit weighs 100 pounds less. Less weight means less mass in motion, which requires less energy to turn the lower-inertia units. By having less mass these units stop quicker when the slip-clutch releases, to minimize unit damage.

Exclusive cam track design reduces the number of cross-overs during the picking cycle. Developed by John Deere engineers for the 9900 Picker and retained in the 9940 and the new 9920, this cam track design helps make faster picking speeds possible.

The 9940 and the new 9920 have retained short-barrelled spindles and lightweight, oil-resistant, smaller-diameter doffers. The shorter spindles exert less leverage on the picker bar and put less mass in motion than do longer spindles. John Deere moistener pads help ensure that spindles get wiped clean of green stain and dirt.



These 12-bar units do a better job of picking than conventional 16-12 row units. With these units picking your cotton, you'll leave less in the field and put more in the basket.

2- and 4-row John Deere pickers have the horses to maintain constant picking speeds even in high-yielding cotton

The new 9920 comes equipped with a 359-CID, 6-cylinder diesel that delivers 114 driving horses, while the 9940 has a cotton picker first: a turbo-charged and intercooled John Deere diesel. This power-packed 466-cubic-inch produces 207 horses to glide the 9940 across the field.

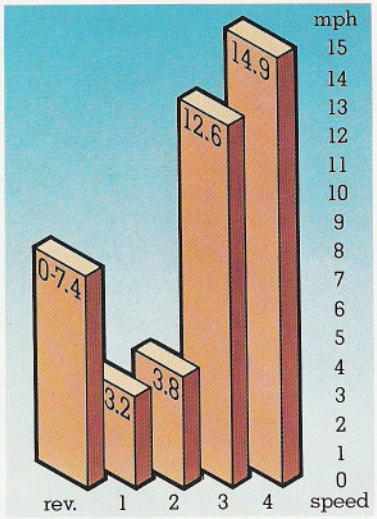
These engines deliver the torque to overcome tough conditions. The cotton harvesting pros at John Deere invite you to compare performance of our pickers' engines with that of any other.

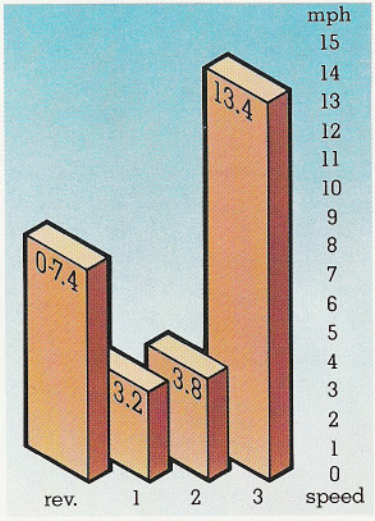
The 9940 and new 9920 come with hydrostatic drive as standard equipment. Hydrostatic drive increases productivity by permitting single-lever, clutch-free control of ground speed to match yield and field conditions on the go. With a 9920 in first-low range, operators can go from zero to 3.2 mph. In second-low, from zero to 3.8 mph. For transport, shift to the high side in either range and control speeds from zero to nearly 15 mph.

The 9940 has a 3-speed hydrostatic drive. The advantage your operator will like is that he only has to engage three levers instead of four.

In first gear the range is from zero to 3.2 mph. Scrapping is second, from zero to 3.8 mph. And transport is third gear, from zero to 13.4 mph.

The cutaway shows the 359-cubic-inch engine used in the 9920. Here you can see the heavy crankshaft, the 3-ring cast-aluminum pistons, the wet-type cylinder sleeves with triple packing at the bottom, and much more.

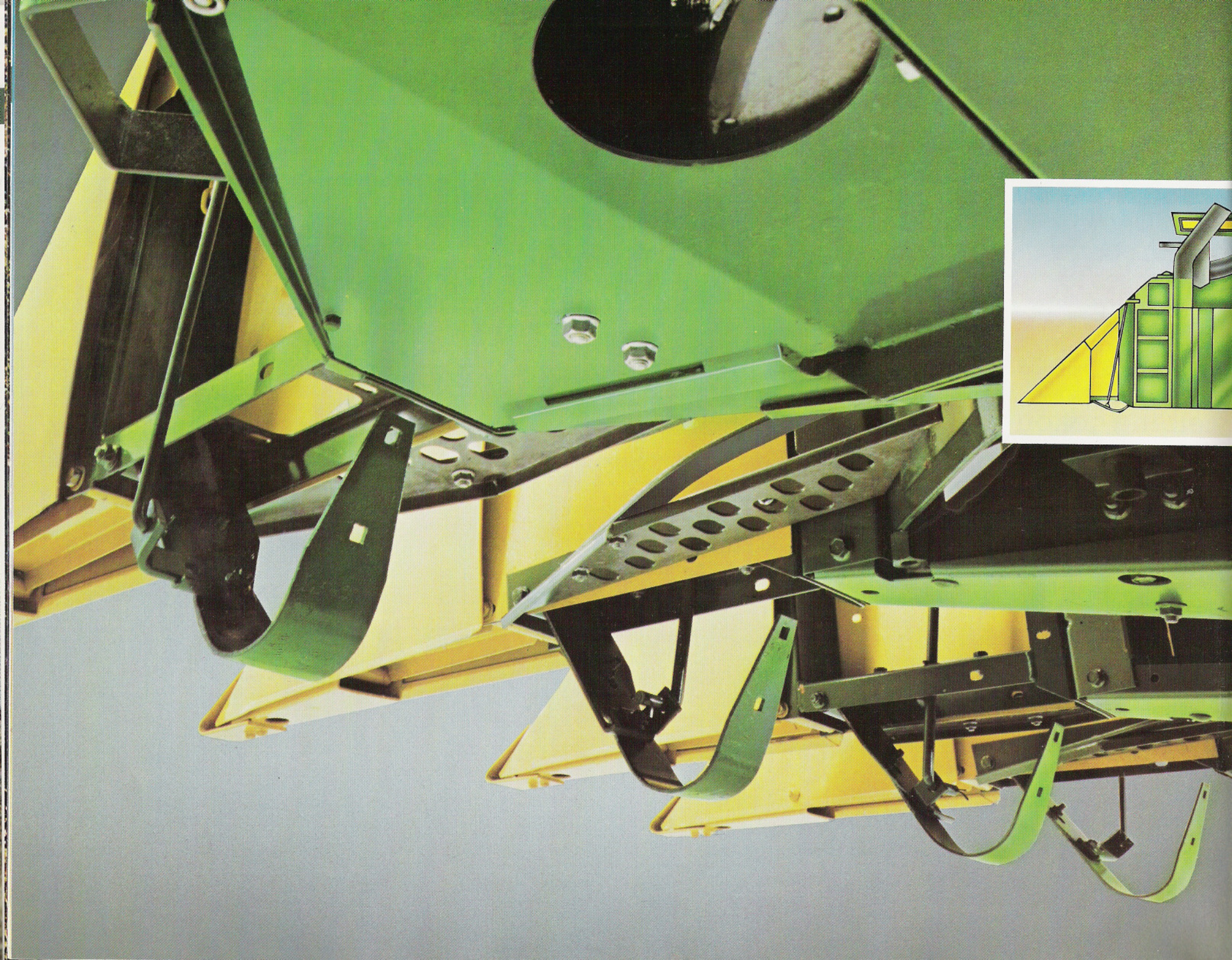


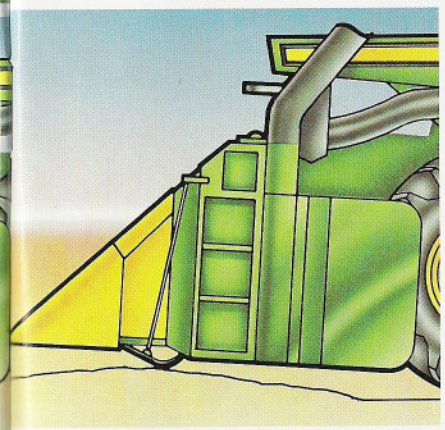


The chart at the top is for the 9920, the one below for the 9940. Both have a full range of speeds to match your needs.

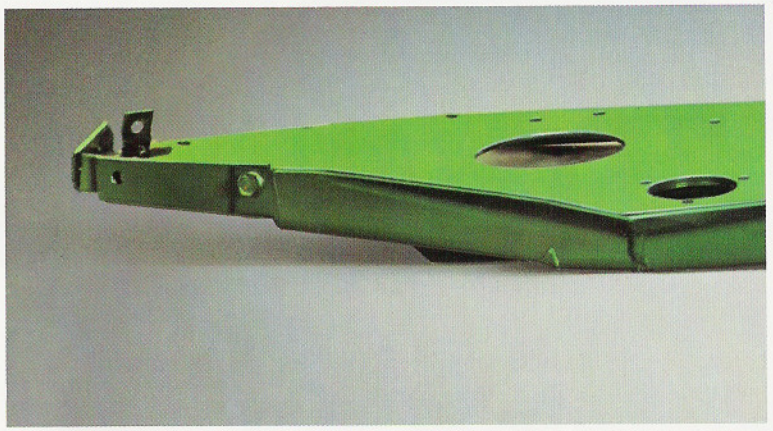
The new 9920 has the power you'll need to roll through high-yielding cotton or soft field conditions.

Select picking speeds from zero to 3.8 mph with this single lever... without clutching.

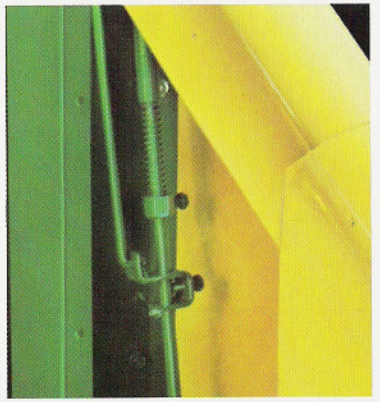




The photo to the left shows the height-sensing shoes on the 9940. Similar ones are offered as optional equipment on the 9920. These curved shoes prevent damage to the height-sensing linkage if the machine is moved in reverse with the units lowered.



With your safety in mind, we furnish a stop (left) to lock the units in the up position for servicing and adjusting.



Slope design of unit bottoms (top photo) allows the lowest spindle to pick 1.3 inches closer to the ground than our previous models.

This adjustment on the height-sensing linkage (above) is easily set.

Automatic height-sensing enables the 9920 and 9940 to consistently pick low-hanging bolls

The 9920 and 9940 can pick more of your low-hanging bolls. Two height-sensing shoes per row allow a greater degree of ground contact. Since the sensing shoes are located well forward of the picker units, a signal can be sent to the hydraulic system for instant response. Variations in ground level on both sides of the row can be detected more accurately with a height-sensing shoe running on each side. Accurate height sensing permits row units to operate as low as practical to save low-growing bolls and still keep the units from digging dirt.

The 9940 has only one sensing shoe per row unit, since units work in pairs.

The drawing at far left on the facing page shows a row unit running on level ground. When the shoes sense a high or low spot, adjustment occurs automatically. The next drawing shows the first-stage adjustment, which tilts the front of the unit up when a rise no higher than 4 inches is sensed. The front of the unit tilts up and then down as sensing shoes follow the ground contour. Should a higher or lower spot be encountered, the second-stage adjustment takes over to raise or lower the entire unit. Both stages work together to put the spindles into practically all of the cotton.

Sound-Gard® styled cab makes our 2- and 4-row the most comfortable pickers available

The 9940 and new 9920 come with Sound-Gard styled cab* as standard equipment. The cab puts the operator in a quiet surrounding that was achieved by using thick padding to keep noise, a source of early fatigue, outside where it can't interfere with operator performance.

The cab protects the operator from the elements. The cab features a pressurizer to keep dust and dirt outside, tinted glass and non-reflective black interior to reduce glare, and an optional heater (standard on 9940) to keep the operator comfortable during those cold days. To keep the operator cool on hot days, equip the cab with air conditioning.

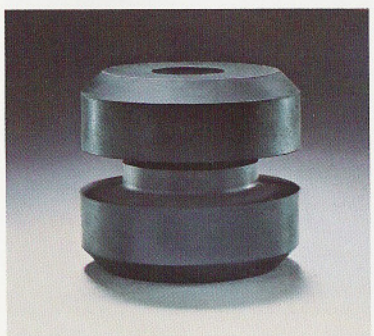
Scientifically designed posture seat lets the operator ride in comfort. For added comfort and a smoother, more level ride, a deluxe seat suspension features up-and-down, fore-and-aft and weight adjustments—standard on the 9940 and 9920. For even more operator comfort, order the optional Personal-Posture seat for either picker.

For outside of the cab, dual mirrors can now be ordered, allowing you to watch both sides of the harvester as you go down the row or road (standard on the 9940).

*No rollover protection

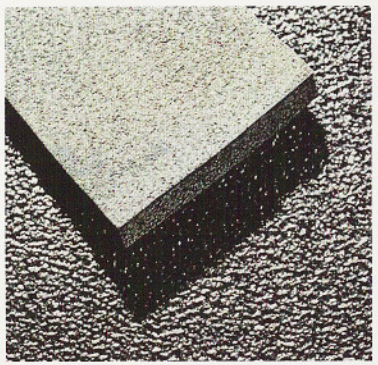
Both pickers have controls located on the console at the fingertips of the operator, except for the dump lever and moistener control and gauge on the left side.

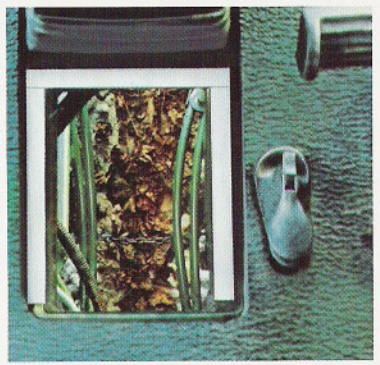
On the 9940 there are four mirrors. Two are for rear view and others are for keeping an eye on the outside row units. The 9920 features two rearview mirrors.



Four husky rubber Sound-Gard mounts like the one above isolate the cab from the picker's chassis.

This Sound-Gard styled cab offers the operator a panoramic view of stalk lifters and rows of cotton ahead.





Thick acoustical padding (top photo) lines the cab interior. This padding keeps noise outside to help ward off fatigue.

This window at the base of the steering wheel mount lets the operator keep an eye on the rear drums.

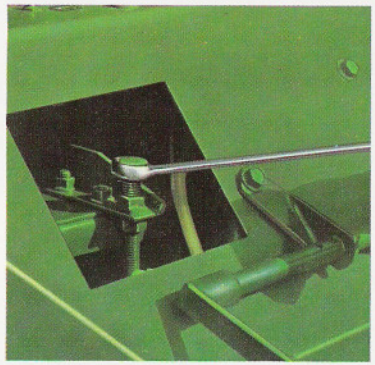
Big-capacity solution tanks help increase operator's on-row time

In sappy conditions you don't want to be running the picker to the shed for water every few hours. The 9920 comes with a 146-gallon solution tank and the 9940 has a 230-gallon tank to get over those big fields without having to refill as often.

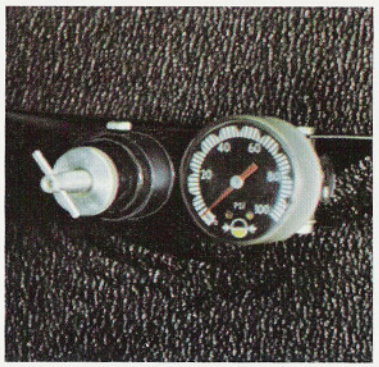
But that's not all you get with John Deere pickers. They feature a pressurized moistener system that helps to pick a clean grade of cotton. Cleaner picking starts with clean spindles. It's important to keep dirt, plant juices and aphid "honeydew" washed off the spindles so they can pick efficiently.

A pressure regulator at the left side of the seat lets the operator increase or decrease the flow of solution on the go. Plus, this system has a check valve that prevents solution from draining out when the picker is not operating.

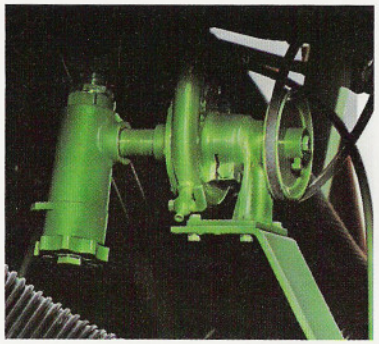
This 146-gallon solution tank (top photo) keeps the 9920 in the field picking when others are at the shed refilling.

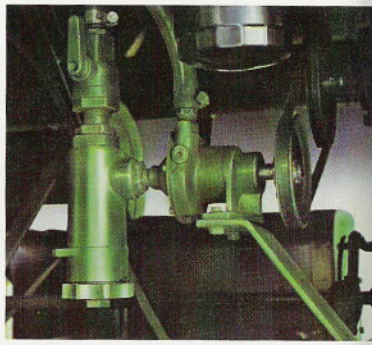


Operators can adjust moistener pads close to spindles for thorough cleaning by turning this adjustment.



Flow regulator and pressure gauge are at the left side of the seat, to let operators monitor solution flow.





Pull this knob on the instrument panel and the pressurized flush system goes to work sending additional solution to the moistener pads.

The 9940 has a heavy-duty, big-capacity centrifugal pump (top photo) that delivers solution to all eight columns with no let-down in pressure.

This 230-gallon solution tank on a 9940 allows operators to spend more time picking and less time refilling. It also increases on-row time.

Flow from the 9920's centrifugal pump (top photo) can be adjusted to deliver the just-right amount of solution to the moistener pads to keep spindles clean.

These pickers have the basket size to keep you on the row longer

At picking time, you want to pick as much cotton as possible every round so you can save time and money. One way to help increase harvesting capacity is with a large basket so you can spend less time dumping.

The 9920 has a basket capacity of 608 cubic feet. The 9940 holds up to 856 cubic feet with standard basket and up to 1004 cubic feet when equipped with 12-inch basket extension attachment. That's 40 percent more cotton with standard basket than any 2-row, and 58 percent more with basket extension. Plus, it can be equipped with a 24-inch extension to increase basket capacity to 1152 cubic feet.*

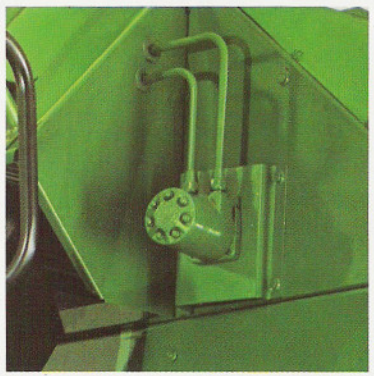
A pair of hydraulically operated compacting augers (optional on the 9920) increases the basket holding capacity on the 2-row up to 20 percent more. On the 9940, 7-foot-long compactors help to fill the 4-row's basket.

The compacting augers are located in the basket lid so they're out of the way when the basket is dumped. The hydraulic motors that power the augers are located outside the lid to minimize the risk of oil leaks that could damage cotton. The gently turning augers distribute cotton to the back corners of the big baskets.

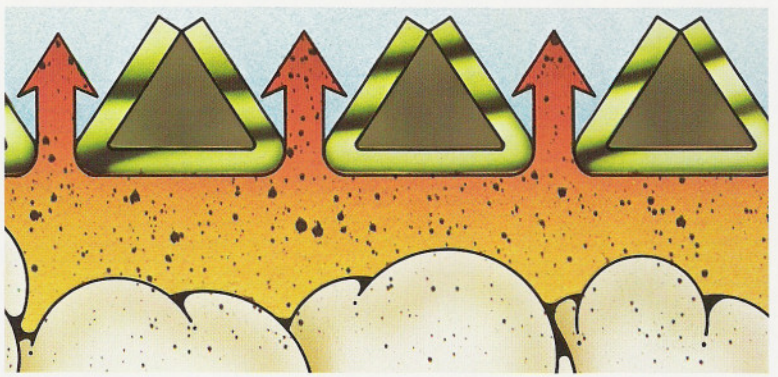
Augers can be operated on the go—no need to stop and tamp cotton down in order to make it to the end of long rows. They are controlled by the same seatside lever used to dump the basket.

Dumping is fast and easy. The 9920 and 9940 are designed for close-in parking next to your cotton trailer or module builder.

*Actual basket capacity depends on yield, cotton variety, length of rows, harvesting speed, moisture content and operators.



Hydraulic motors are used to power each of the two compactors. These motors are located outside the basket to minimize the risk of oil leaks and damage to cotton.



This shows the triangle shape of cleaning grates in the basket lid. Loose dirt and trash move out between the grates as cotton is blown across them.

With a 9920 or 9940 you'll dump big loads every time. The 2-row has a 608-cubic-foot basket and the 4-row comes with an 856-cubic-foot standard basket to keep them on the row harvesting.

A single lever controls both the compactors and the basket dump. You pull the lever back to turn on the compactors; push it forward to dump.

Two 6-foot-long (7-foot on the 9940), hydraulically driven compactors gently distribute cotton to the back corners of the basket to increase its holding capacity.

The 9920 and 9940 come equipped with safety-first features

The 9920 and 9940 have safety features that will help protect you and your operators from possible accidents.

Two taillights make motorists aware of your presence when you have to transport at night. Flashing warning lamps, front and rear, are further insurance for road travel. These lamps double as turn signals for added safety. These pickers come equipped with a safety start system so the engine cannot be started with the picker in gear or with the row units in the down position. Unit levers must be pulled rearward and released before the engine will start.

An indicator light on the steering wheel column indicates in what position the guide wheel is. This indicator permits you to guide the 9920 Picker through muddy conditions easier. Power steering has a manual backup should the engine stop when you're on the move.

John Deere offers a safety stop for row-unit lift cylinders. This stop locks units in the raised position when you are working on them.

For those late-evening trips home or midday junkets to the next field, the 9920 and 9940 have flashing warning lights as well as powerful front lights.

The lighting at the rear and the SMV sign on the 9920 and 9940 make them easy to spot on the road. Both features are standard.

This step shield helps protect grease lines as well as give operators a good footing when units are wet or covered with trash (9940 only).

This handrail makes cleaning the basket lid on the 9920 much easier.

This air duct safety rail makes climbing to the basket easier and safer.

Quick and easy servicing helps extend picker life and maintain performance

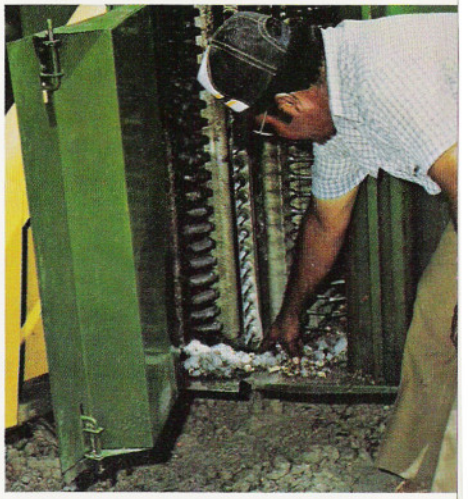
A 9920 or a 9940 is an investment that will reward you in many ways. And like any investment you want the payoffs for a number of years. The 9920 and 9940 come with a central picker bar lube system, easy-to-get-to grease fittings and easy-to-clean trash grates, so you can keep your picker in dependable condition year after year.

John Deere pioneered the picker greasing system. And we've consistently developed ways of greasing that extend picker life. There are several points on the 9920 and 9940 that should be greased every 10 hours. Why? John Deere engineers found that in dusty conditions, in high-yielding fields, or in poorly defoliated cotton, frequent greasing is the only way to flush out dirt and trash that causes wear.

John Deere engineers recommend that doffer areas, inside of suction doors, side screens, and basket lid grates be cleaned at every dump.

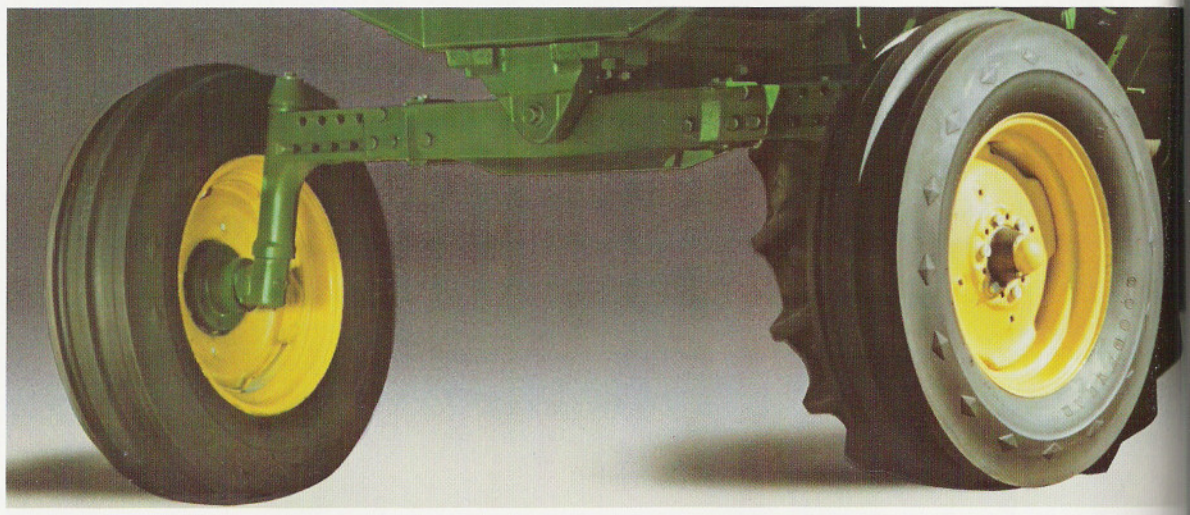
Two banks of grease fittings, one on each outside unit, now make it easy to grease cams and gears.

Fluted screens now totally enclose the 9920's engine area to keep dirt and trash out. The 9940 has partial screening.



The large door area on the 12-bar units allows easy access for cleaning out trash and dirt that the Jet-Air-Trol leaves behind. Doors should be cleaned at every dump to keep these pickers performing efficiently.

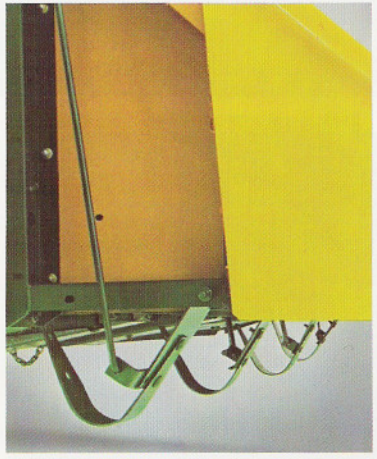
Select from these options to match your needs and harvest conditions



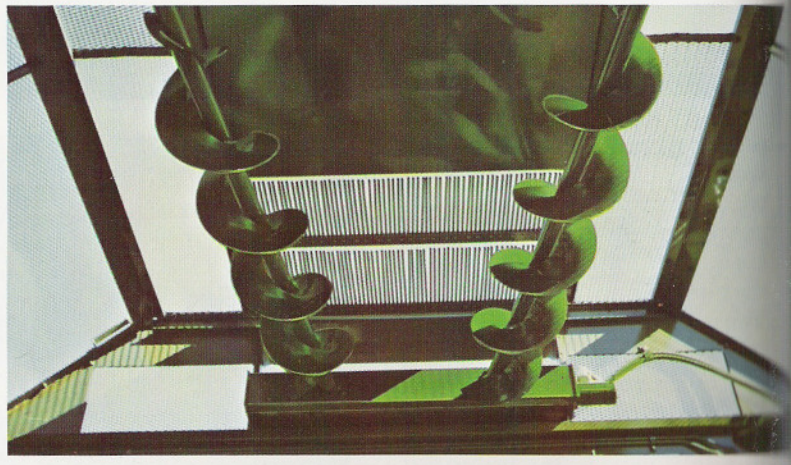
Guide wheels with 9.5 x 20 tires on an adjustable axle provide stability over uneven terrain (9920 only).

A package of field lights makes night picking possible when not prohibited by high moisture of cotton. Lights are strategically located to illuminate all key areas.

For muddy conditions, order 18.4-30 cane and rice tires for the 9920. For the 9940, 18.4-38 cane and rice tires are availble as well as an R-3 diamond tread tire.



Automatic height sensing allows row units to follow the ground contour closely to save low-hanging bolls. Standard on 9940.

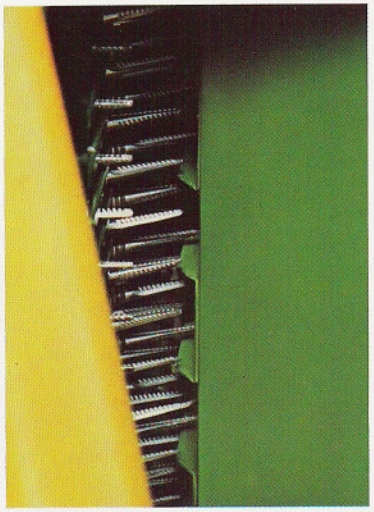


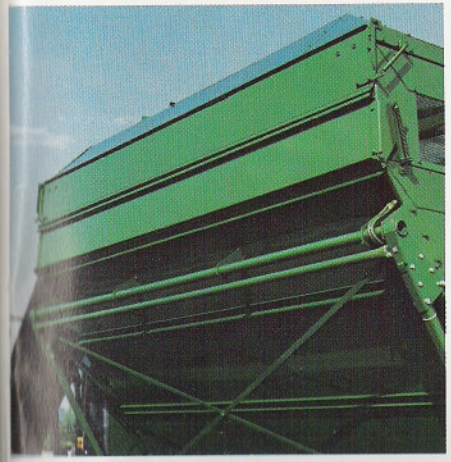
Two 6-foot-long, hydraulically driven compaction augers move cotton to the rear of the basket (9920).

John Deere spindle grease ensures long-lasting lubrication protection. And John Deere spindle cleaner, in contrast to some other oil-type cleaning agents, is non-flammable. Prefer a water-type cleaner? Use John Deere wetting agent, which also acts as a lubricant.

With this Personal-Posture seat operators will drive these pickers in total comfort to harvest more bales per day.

Scrapping plates can be added to the 9920 or 9940 to harvest short, knotty cotton in first picking or during scrapping.





This 24-inch extension for the 9940 increases the basket to 1152 cubic feet, keeping the 4-row on the row longer.

Electric starting aid for cold-weather starts enables the operator to inject ether into the engine intake manifold by pressing a button on the instrument panel. (Standard on the 9940.)

These stalklifter rods allow small rocks and other obstructions to fall to the ground instead of entering the unit.

This monitor on the steering column gives audible and visual warning of doffer carry-around or unit slippage. (Standard on 9940.)

AM-FM stereo multiplex radio, AM-FM with cassette player, air conditioning and heater are available. Heater standard on the 9940.

9940 PICKER

Number of rows. 4
Row spacing . . . . . 38- or 40-inch (96 to 102 cm)
Number of picking drums 8
Number of picking bars per drum . . . . . 12 front and back
Number of spindles per machine 1920
Dumping height (lip). . . 10 ft. 6 in. (3.20 m)
Axle clearance, 31.6 in. (800 mm)
Fuel tank capacity . . . . . 94 U.S. gal. (350 L)
Water tank capacity . . . 230 U.S. gal. (870 L)
Row-unit lift (approx.). . . . . 20 in. (508 mm)
Wheel tread . . . .98.40 in. (2.50 m)
Engine type: **Diesel**, turbo-charged and intercooled
Horsepower . . . . . 207 (154.5 kW)
Cylinders 6
Displacement 466 cu. in. (7.640 L)
Transmission. . . . . .3-range hydrostatic drive with park.
Picking speeds . . . . . 1st gear 0-3.2 mph; 2nd gear 0-3.8 mph; transport speed 0-13.4 mph (0-5.1 km/h), (0-6 km/h), (0-21.5 km/h).
Tires: Guide (2) . . . .9-24, 6 PR, I-1
Drive (2). . . . . .18.4-38, 10 PR, R-1
Basket capacity . . . . . 856 cu. ft. (24.2 m^3)
With 12-in. extension. . . .1004 cu. ft. (28.4 m^3)
With 24-in. extension . . . . . 1152 cu. ft. (32.6 m^3)
Height . . . . . 13.75 ft. (4.17 m)
With extension, 14.75 ft. (4.44 m)

9920 PICKER

Number of rows.....2
Row spacing...32 (skip-row) 35, 38 or 40 in. (81 to 91, 96 or 102 cm)
Number of picking drums 4
Picking drum height:
Low drum ..... 14 spindles
High drum ..... 20 spindles
Bars in front drum 12
Bars in rear drum 12
Number of spindles per machine:
Low drum 672
High drum 960
Dumping height (lip)...9 ft. 10 in. (2.74 m)
Axle clearance, 35.5 in. (902 mm)
Fuel tank capacity .. 69 U.S. gal. (261 L)
Water tank capacity ... 146 U.S. gal. (552 L)
Height ..... 13 ft. 6 in. (4.12 m)
Row-unit lift (approx.):
With height sensing .....20 in. (508 mm)
Without height sensing ...22 in. (559 mm)
Wheel tread ....79.62 in. (2.20 m)
Engine type: Diesel
Horsepower ..... 114 (85 kW)
Cylinders 6
Displacement 359 cu. in. (5.883 L)
Transmission..... Hydrostatic
Picking speeds .....0-3.2 mph (0-5.1 km/h) in first; 0-3.8 mph (0-6.0 km/h) in second.
Tires:
Guide wheel .....11.00-16, 8 PR tractor
Drive wheels (std.) ..... 16.9-34, 8 PR tractor
Basket capacity ..... 608 cu. ft. (17.21 m³)
Options: See pages 52-53

SPECIFICATIONS

(Specifications and design subject to change without notice.)

Your cotton harvesting pro dealer stands behind John Deere pickers and strippers

After you've taken delivery on your new picker or stripper, John Deere's cotton harvesting pros won't desert you. Because that's when our best known pro, your John Deere dealer, reveals his talents. He'll give your new machine a predelivery check to make sure it's field-ready. And, very likely, he'll help you make final adjustments before you put your cotton harvester to work. Then, after you've used the machine for a while, he'll give it a free inspection, working from a checklist prepared by cotton harvesting pros at the John Deere factory.

During harvest and between seasons, you can be sure he'll have the majority of parts you might need in stock ...or readily available from John Deere parts supply. And he'll have professionally trained servicemen on duty to do preseason maintenance or harvest-season emergency repairs.

If you're interested in arranging financing or leasing, he has a variety of plans to fit your needs. In every way, your John Deere dealer is a cotton harvesting equipment pro. He'd like to team up with you.