

# COTTON PICKERS



*John Deere 9965 4- and 5-row picker, 9930 2-row picker*

*Picking up the pace...widening the lead*

# The 9965 Cotton Picker. Outstanding controls. More comfort. Up to 25 percent more capacity. 5 wide rows at a time.

*Leave it to the clever picker experts at John Deere to bring out the full bounty of your cotton management*

For the cotton harvesting engineers at John Deere, the world's first variable-row picker—the revolutionary 9960—was just the beginning.

Now, we bring you the exciting 9965 Picker. The world's first 5-row wide machine! It lets you pick 36-, 38-, and 40-inch rows five at a time. You gain up to a whopping 25 percent productivity advantage over 4-row machines in wide rows. Imagine harvesting up to 7 acres an hour in your

wide-row fields. Now you can do it, but only with the 9965 Picker.

Grow narrow or skip-row cotton? The 9965 picks it clean. With 22 different row spacings available, from 5-row 30-inch to 5-row 40-inch

to every conceivable skip-row pattern, this picker gives you great flexibility with your cotton management.

The improvements don't stop with the 5-row wide capability. You'll learn more about the improved cab, picking unit, basket, and more in this brochure. You'll also learn more about our picker champ for smaller acreages—the popular 2-row 9930. So go on, turn the page and pick up your harvest pace...





*The world's most versatile picker now adds valuable new skills*

# Go from 5-row narrow to 5-row wide to 2-and-1 skip... they're all in an easy day's work for the 9965

If you thought the 9960 Picker gave you row-spacing versatility—wait till you own a 9965. With 22 row spacings available, it offers the ultimate flexibility for your cotton planting plans. So no matter what new crop practice comes along, you'll be ready.

In addition to 36-, 38-, and 40-inch rows, the 9965 lets you harvest five 30- or 32-inch narrow rows; or four 30-, 32-, 34-, 36-, 38-, 40-, or even 38- and 40-inch skip-row patterns. (See the 9965 specifications on the back cover for a complete list of row spacings.)

And now, John Deere has refined the variable-row concept one step farther.

To change row spacings on the 9965 Picker, you simply pull back the locator pin and roll the unit along the lift frame. There's no need to fuss with the conveyor doors on the outer ducts. They've been redesigned to move right along with the row unit. What's more, new cross shafts feature universal joints and a simple bolt-together design. Row spacings are clearly indicated on the lift frame to make row-width changes a snap. Service is easy, too.



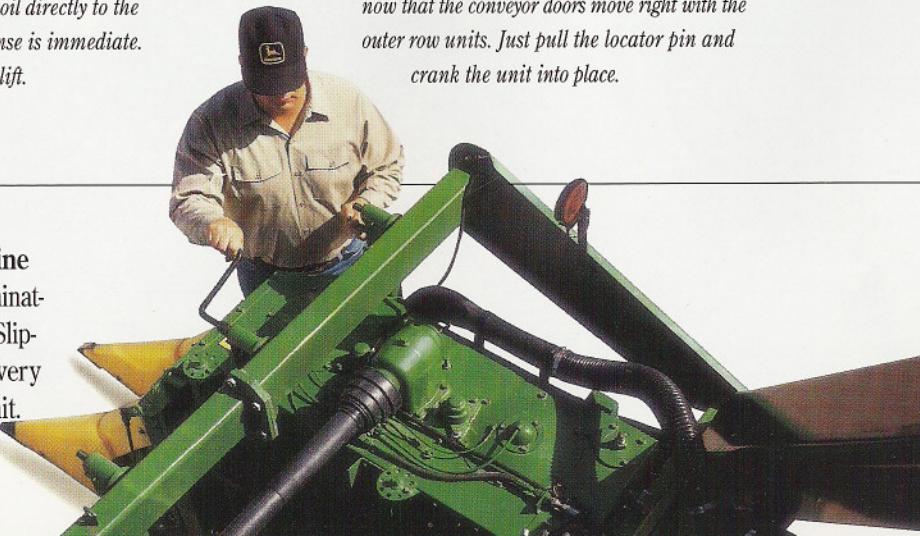
*Automatic unit-height sensing is standard on your 9965 Picker. Run the units along the ground to pick up low-hanging bolls. When the height-sensing shoe reaches an obstruction or a change in ground contour, a height-sensing valve sends the hydraulic oil directly to the unit lift cylinders. Response is immediate. There's no tilt before the lift.*

*In-line picking units feature two identical drums with right-hand spindles positioned "in line." There are no left-hand spindles. Fewer parts to keep around. In-line units have been proven in a wide range of crop conditions—from heavy, irrigated Pima to tall, rank, upland cotton. How accepted is the in-line concept? Nearly 96 percent of John Deere 4- and 5-row machines shipped today are equipped with in-line units.*



*You'll gobble up crop when you pick 38- and 40-inch rows five rows at a time.*

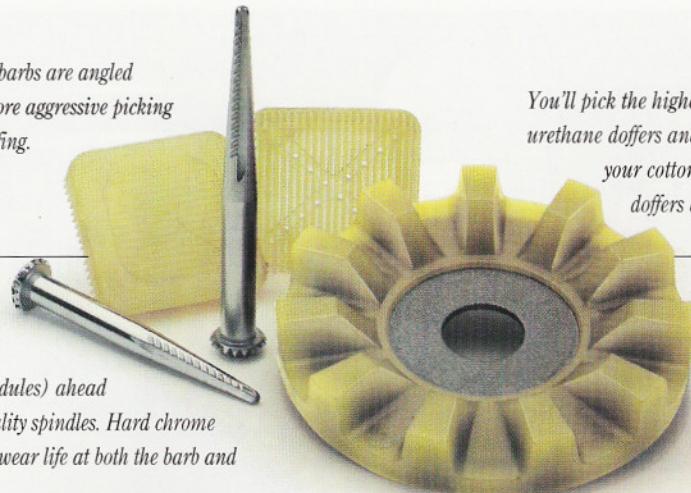
*Changing row spacings is faster and easier now that the conveyor doors move right with the outer row units. Just pull the locator pin and crank the unit into place.*



**Of course, you'll like other features on our exclusive in-line picking units.** Like non-contaminating urethane doffers and pads. Slip-clutch protection—not one for every two units, but three on every unit. Full on-board lubing.



*John Deere spindle barbs are angled at 55 degrees for more aggressive picking action and easy doffing.*



*You're bales (or modules) ahead with John Deere-quality spindles. Hard chrome plating gives longer wear life at both the barb and bearing areas.*

*You'll pick the highest-quality cotton possible with John Deere urethane doffers and moistener pads. They won't contaminate your cotton with black specs like conventional rubber doffers and pads.*

*John Deere "plant manager" (stalk deflector) spreads tall plants over a greater number of spindles. Evens out the load on spindles and doffers for improved picking.*



*Experimenting with narrow-row cotton? You'll pick it better with a 5-row 9965 Picker.*



*Enjoy tremendous harvesting flexibility with the 9965 Picker. It performs like a champ in your skip-row fields.*



*Safe, simple, comfortable, and productive*

# A spacious cab guaranteed to drive away the sweat and worry from your harvest

There's nothing like the mad rush of harvest to cause tempers to flare and blood to boil. But you can bring it all under cool-hand control in the sanctuary of a 9965 Sound-Gard®-styled cab—the same deluxe-cab proved on John Deere tractors.

It begins with improved controls—such as the new electrohydraulic controls on the hydrostatic lever. They let you individually raise or lower the unit lift frames and operate the unloading conveyor—without removing your hand from the hydrostatic lever. They're push-button easy and fast.

Most other controls are conveniently located next to the right-hand armrest. Handy rocker switches give fingertip control of water solution pressure, on-board lubrication, basket telescope, basket dump, and fan operation. (There's no fumbling or groping for awkwardly placed controls, so you can keep your mind focused on your work.)

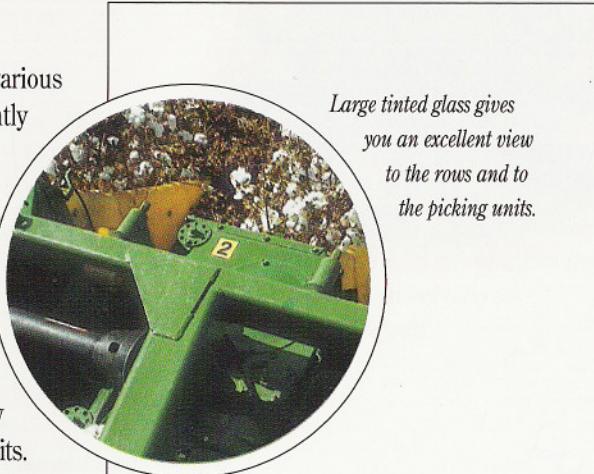
We've also located all monitors and gauges on the right-hand corner post—in view, but not in the way. A quick glance offers instant information on virtually every

aspect of picker operation. Simple to understand, these monitors constantly survey various machine functions and instantly alert you, with both visible and audible signals, if a problem occurs.

**The 9965 was built with a view toward productivity and safety.** A large tinted windshield provides an unobstructed view to the rows and the picking units. You'll also appreciate new mirrors that give you a clear view along the sides and to the rear of the picker—particularly valuable during transport and unloading.

Of course, safety is always a top priority at John Deere. And why we believe the Operator Presence System is so important. When you leave your seat for more than 5 seconds, the picker units automatically shut off. (A tethered remote control lets you rotate the picking units from the ground, to lubricate or to inspect the drums and spindles.)

Finally, a word about comfort. You are surrounded in a 9965. Thick, padded insulation reduces



*Large tinted glass gives you an excellent view to the rows and to the picking units.*

*Additional monitors light up and alert you with an audible alarm of problems with hydraulic/hydrostatic oil temperature, air filter, engine oil pressure, and engine coolant temperature. There's even an indicator that tells you when all the conditions have been met to operate the remote tether.*



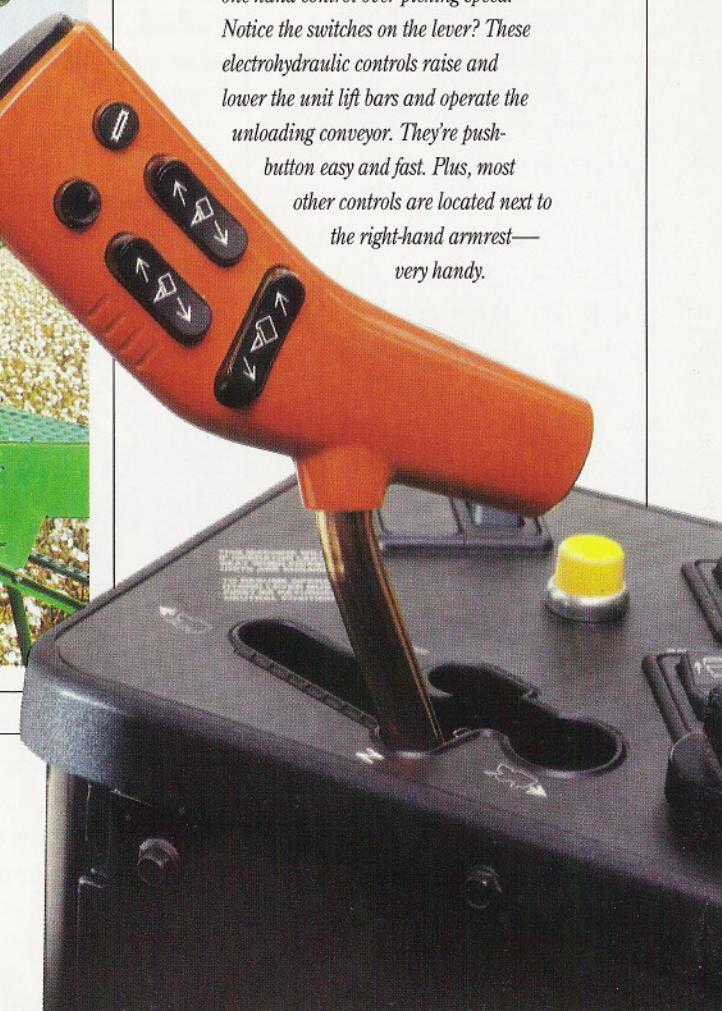
*A simple digital readout provides engine and fan speed, moistener system pressure, and oil temperature. Problems with the picking units, such as plugging, are identified quickly with Harvest System monitors. A more-reliable sensing system alerts you at the first possible sign of plugging—long before it becomes a time-consuming cleanout.*





You'll lose far less cotton when you're in a better position to unload. Rear mirrors show the way.

A hydrostatic lever gives you smooth, one-hand control over picking speed. Notice the switches on the lever? These electrohydraulic controls raise and lower the unit lift bars and operate the unloading conveyor. They're push-button easy and fast. Plus, most other controls are located next to the right-hand armrest—very handy.



*Faster conveying, huge basket capacity, easier unloading*

# Pick it, blow it, stow it, unload it... no picker does it any better than the 9965

The 9965's all-row picking productivity is matched only by its conveyor, basket, and unloading capability. Getting your crop from picking unit to basket rests on the shoulders of John Deere's proven Jet-Air-Trol™ conveying system. A single, high-capacity fan delivers a strong, constant stream of air that swiftly moves a large volume of crop.

We've refined the hydraulically telescoping basket for faster, easier operation. Now, you can hydraulically lower the basket to transport position without unpinning the front and rear lid linkage pins. And there are no conveyor chutes to disassemble, no sheet metal to remove. You control the telescoping of the basket (raise and lower) from the cab with the electrohydraulic control.

In just minutes, you can switch between a 12-foot 4-inch transport height to one of two operating positions: 14-foot 10-inch (1,065 cubic-foot capacity) or 15-foot 10-inch (1,173 cubic-foot capacity). Or, switch back again. You'll especially like it if you transport under highway overpasses or low-hanging wires. Storing your 9965 out of the weather is also much



easier in sheds with low overhangs.

Plus, you'll put more crop in a 9965 basket—up to 20 percent more than competitive machines. Three augers evenly distribute and compact cotton to make the most of its

big basket capacity. An improved unloading conveyor features channels that are assembled between the roller chains—close to the floor panels. There's no conveyor channel "hangover."



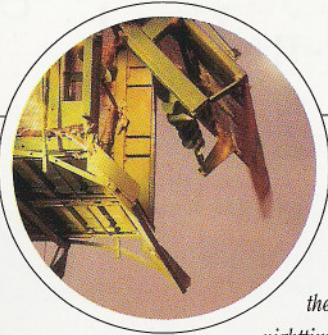
*With the 9965's telescoping basket, you can prepare...*



...lower the basket extensions hydraulically from the cab...



...and move the picker under low overhangs, all in minutes.



Lights illuminate the basket for easier nighttime unloading.

Three augers distribute and pack cotton into the 9965's cavernous basket. The auger in the lid serves as a metering bar for smooth feeding during unloading. You can quickly dump the entire basket or easily top off a trailer or module builder. Brushes at the edge of the basket lid help keep trash from dropping off into the cotton.



*Improved engine, massive drives, and pint-sized maintenance*

# Purebred John Deere turbocharged power and fuel efficiency work hand-in-hand

If you expect more power from a John Deere picker, the 9965 won't disappoint you. Its turbocharged, 250-horsepower, 7.6 L (466 cu. in.) engine has John Deere written all over it.

It's the same high-torque, fuel-efficient engine found in big-horsepower John Deere tractors. Yes, the same liquid-to-air cooled engine that set new records for fuel efficiency and power in Nebraska tests. And while that fact alone may not impress you, just wait till you get behind the wheel. Here's pulse-quickening power that excels with the heavy demands of five picking units, a heavy crop, a full basket, and muddy fields.

And here's fuel economy that stretches every drop from the big 120-gallon fuel tank, so you can pick all day without refueling.

Your 9965 Picker comes standard-equipped with a 3-speed transmission with hydrostatic drive. You get smooth, single-lever control of ground speed to match yield and field conditions in each gear without clutching.

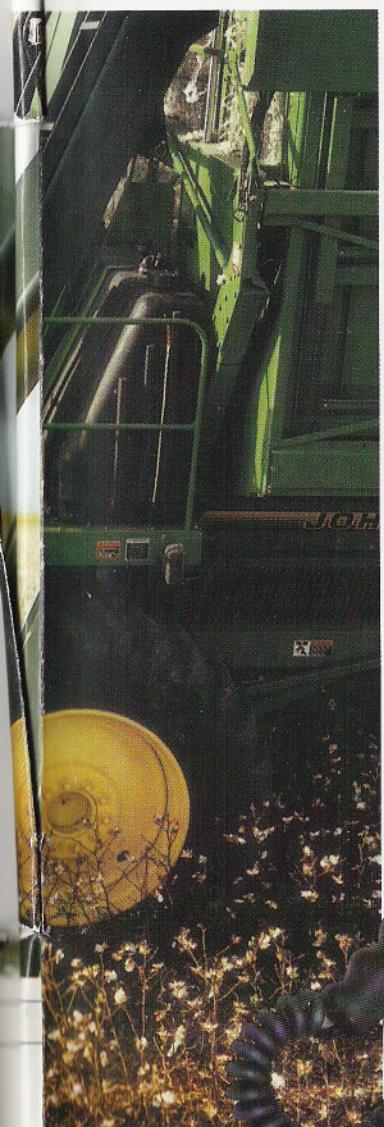


*Here's how the 9965 Picker embraces all its power—with heavy load-handling final drives.*

*The same final drives used on our Maximizer™ combines. Massive, strong, proven reliable—the simple gear-reduction design withstands enormous stress.*

In first gear, you'll pick at up to a brisk 3.6 mph. You'll scrap in second gear up to 4.3 mph. And third gear (transport) hustles you to the next field as quickly as 15.5 mph.



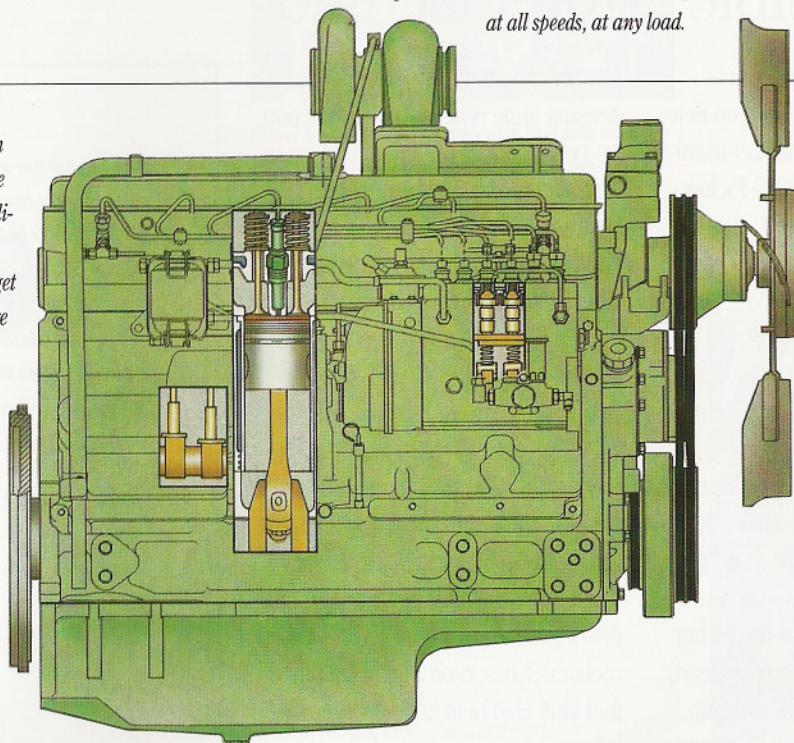


*For easy access to the engine and radiator, side screens and louvers are easy to remove.*

*The John Deere on-board lubrication system greases the entire picking unit—spindles, bars, drive gears, sun gear bearings, thrust washers, cam tracks, and gears. All completed from the cab (or from the ground with the remote control), with one button in less than two minutes.*



*A high-tech turbocharger offers tremendous air-handling capacity, to boost torque rise and maintain low fuel consumption. Extremely efficient, it provides abundant air flow to the engine at all speeds, at any load.*



*The grease zerks on the cotton fan bearings are easy to reach and service.*

9930: The easy choice for a tight budget

## Enjoy sensational 4-row picker features in a sensible 2-row machine

Whether you grow small tracts of cotton, or are just opening up new ground to production, an economical John Deere 2-row 9930 Picker will put you money ahead.

It's loaded with many of the same features offered by our 9965 machine—on-board picking unit lubrication, Sound-Gard-styled cab, hydrostatic drive, and multifunction monitors, for example.

All features that let you work more comfortably, pick more efficiently, spend less on maintenance, and put more crop in the basket.

Field-proven John Deere 12-bar drum units lead the way to a clean, efficient pick. Picker bars and cam rollers have the backbone to manage quick picking speeds. A slip-clutch on each unit provides extra protection.

Unit maintenance is a breeze with the on-board power unit lubrication. It lets you grease the entire picking unit in less than three minutes—from the cab or from ground level, using the remote control tether.

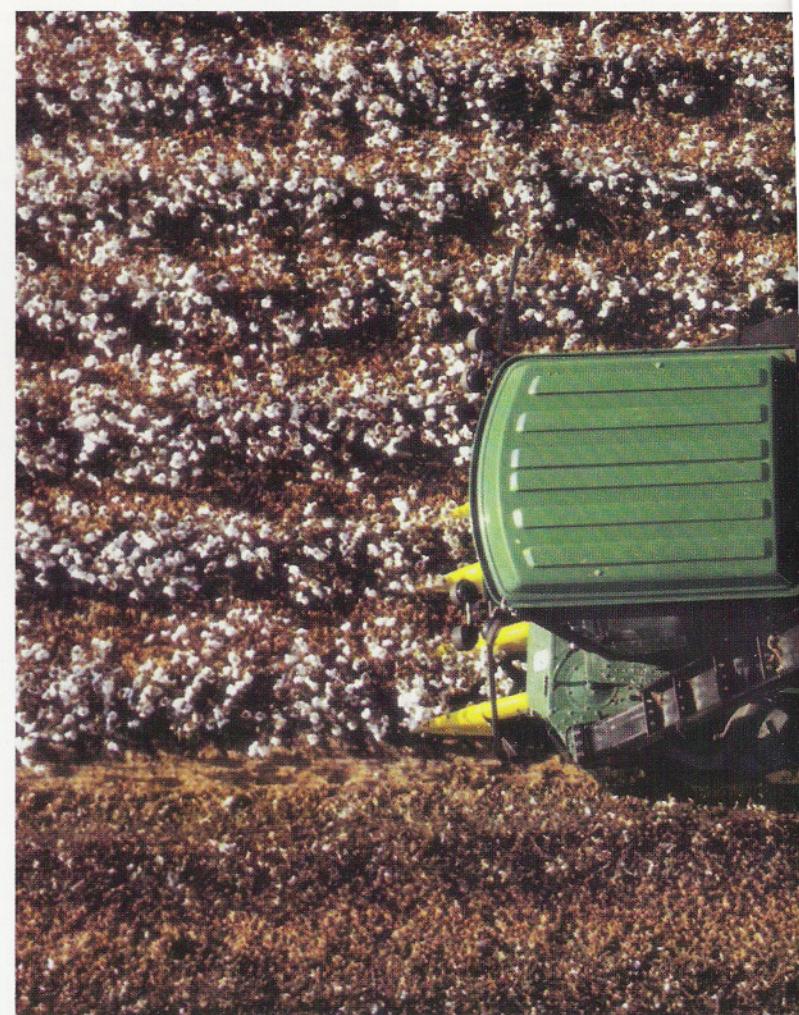
Automatic unit-height sensing is standard on your 9930 Picker. Run the units along the ground to pick up

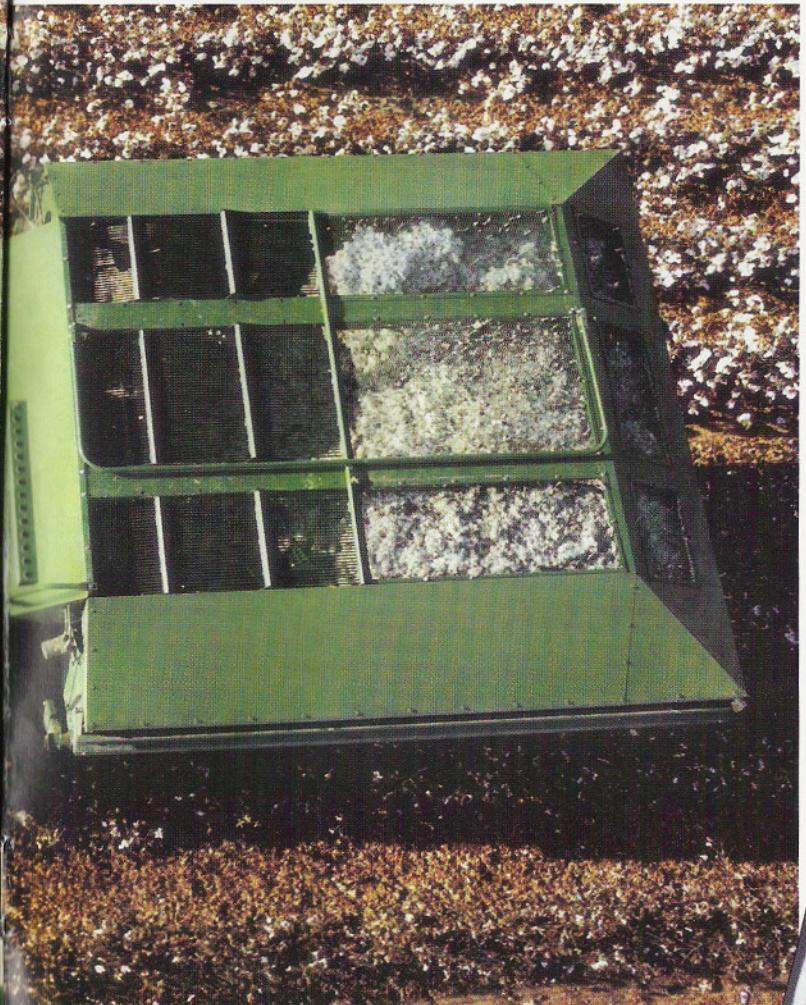
low-hanging bolls. When the height-sensing shoe reaches an obstruction or a change in ground contour, a height-sensing valve sends the hydraulic oil directly to the unit lift cylinders. Response is immediate. There's no tilt before the lift.

You'll stay on row longer between dumps with the 9930's 608-cubic-foot basket. You can stretch that to 727 cubic feet with optional 14-inch extensions. Compactors ensure a full load. An optional vane unloading system holds back up to 40 percent of the load for easier topping off of trailers or module-builders. The 60-gallon moistener reservoir and 69-gallon fuel tank also help keep you on row longer.

The power behind the 9930? A spirited John Deere 135-hp turbocharged diesel engine. There's plenty of power for fast working speeds—up to 3.5 mph picking speed in first gear, 4.1 mph scraping speed in second gear.

*With two narrow-profile row units, you can harvest 36-, 38-, or 40-inch solid rows; or 32-inch skip rows. Automatic height-sensing—standard—lets you get down to low-hanging bolls without gouging the ground.*





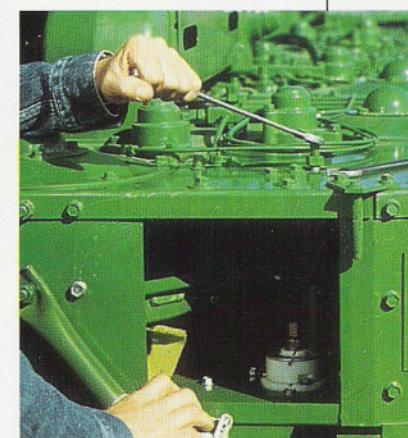
*You control the compactors, basket lift and lower, and optional vane unloading with one lever.*



*Basket compactors—standard—pack a full basket load. An optional vane unloading system holds back up to 40 percent of the load for easier topping off trailers or module-builders.*



*Picker unit adjustments are quick and easy on the 9930. One example: adjust the rear moistener columns from the top of the unit.*



*Unit tilt, lift, and shoe height adjustments are also easy. And once you set them, forget them. There are no stabilizer cylinders to adjust. No adjustments at the main control valve.*

## 9965/9930 safety features/options

# Designed to protect you and your operators

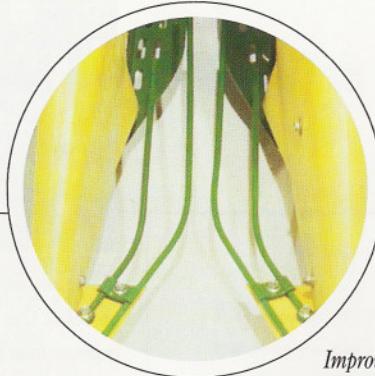
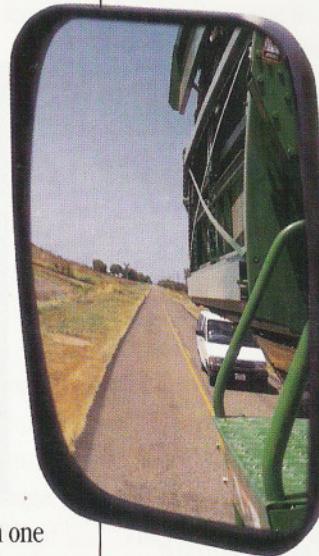
As we've noted elsewhere in this brochure, enhanced safety—for you and your operators—was a major consideration in the design of the 9930 and 9965 Pickers.

Both are equipped with a safety start system. The engine cannot be started with the hydrostatic drive or the row units engaged.

An operator-presence system automatically shuts off the row units five seconds after you leave your seat. It's an important safety feature. Still, you'll need to run the units for cleaning and to check spindles and drum operation. A tethered remote control answers the need. With one button, you can slowly rotate the drums from ground level.

A basket lid handrail gives you added support and safety when you're working on top of the basket. Other safety features include basket cylinder locks, SMV signs, and an air-duct safety rail that makes climbing into the basket easier.

John Deere cotton pickers offer features you need for a fast, clean



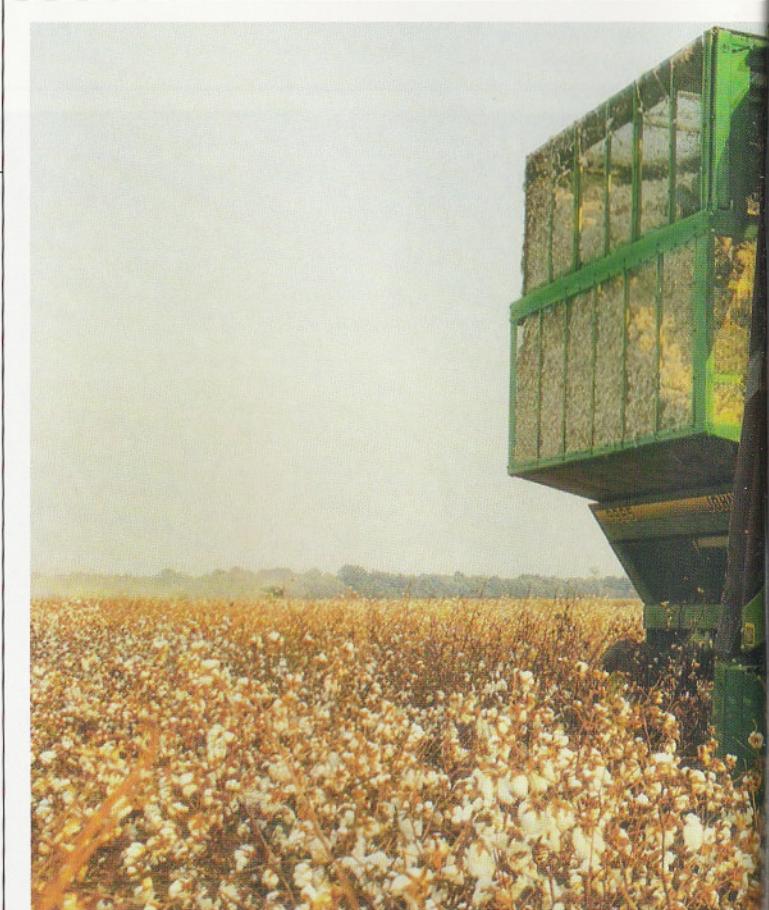
*Improved stalklifter rods get under plants to harvest the lowest hanging bolls.*

*Rear mirrors on the 9965 Picker erase blind spots and give you a clear view to the sides and to the rear of the picker. They make transport safer and unloading easier.*

pick. What more could you want? Some of the most popular options are showcased here. See your John Deere dealer for a complete list of specifications and options.



*Play your favorite music or catch the latest weather or farm report with your choice of radios/tape players.*



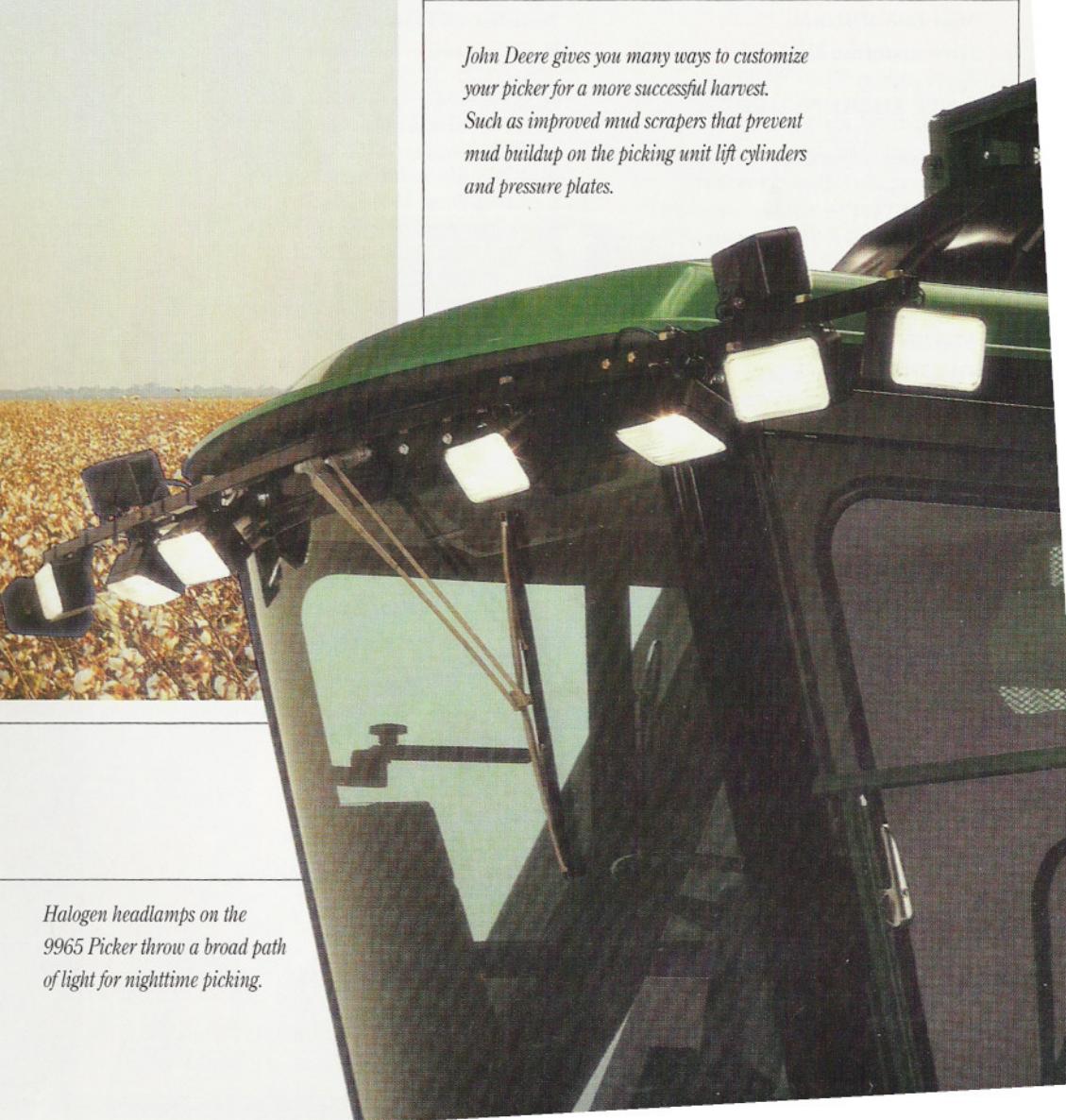


Get extra traction for rolling ground and muddy fields with this optional factory-installed Mud-Hog™ rear-wheel drive.\* Rugged and reliable best describe this new feature.

\*Warranty parts and service will be provided by an authorized Mud-Hog dealer.

Halogen headlamps on the 9965 Picker throw a broad path of light for nighttime picking.

*John Deere gives you many ways to customize your picker for a more successful harvest. Such as improved mud scrapers that prevent mud buildup on the picking unit lift cylinders and pressure plates.*



# Specifications

(Specifications and design subject to change without notice. Some photos show optional equipment. See your dealer for details.)

**9930**

**Number of Rows:** 2

**Row spacing:** 32- (skip row), 36-, 38-, or 40-in. (81, 91, 96, 102 cm).

**UNIT DESIGN:** In-line—not available.

Conventional—12-bar drums, 20 spindles high (high drum); 14 spindles high (low drum).

**CAPACITIES:** Standard basket—608 cu. ft. (17.2 m<sup>3</sup>). With 14-in. extension—727 cu. ft. (20.6 m<sup>3</sup>). Fuel tank—69 gal. (261 L). Water/solution tank—170 gal. (643 L).

Engine crankcase w/filter—12 qt. (11.4 L).

**ENGINE:** Diesel, turbocharged.

**CYLINDERS:** 6, in-line.

**DISPLACEMENT:** 5.88 L (359 cu. in.).

**HORSEPOWER:** 135 (101 kW).

**GROUND SPEEDS:** Picking speed in 1st gear—0-3.5 mph (0-5.7 km/h). Picking speed in 2nd gear—0-4.1 mph (0-6.6 km/h). Transport speed in 3rd gear—0-13.8 mph (0-22.2 km/h). Reverse—0-8.15 mph (0-13.1 km/h).

**ON-BOARD UNIT LUBE SYSTEM:**

Control activated from cab. Lubrication reservoir—60 gal. (227 L).

**TIRES:** Front—16.9-34, 10 PR tractor. Rear (single wheel)—11.00-16, 8 PR tractor. Rear (dual wheels)—7.5-24, 6 PR tractor.

**HYDRAULIC SYSTEM:**

Closed-center, constant pressure.



**9965**

**Number of Rows:** 4 or 5

**Row spacing:** In-line picking units—30-, 32-, 34-, 36-, 38-, 40-in. (76, 81, 86, 91, 96, 102 cm) 4 or 5 rows; 38-64-38-in. skip (96-162-96 cm); 40-64-40-in. skip (102-162-102 cm); 30-60-30-in. skip (76-152-76 cm); 30-64-30-in. skip (76-162-76 cm); 32-60-32-in. skip (81-152-81 cm); 32-64-32-in. skip (81-162-81 cm). Conventional units—38-, 40-in. (96, 102 cm), 38-64-38-in. skip (96-162-96 cm), 40-64-40-in. skip (102-162-102 cm).

**CAPACITIES:** Telescoping basket—intermediate height 1,065 cu. ft. (30.2 m<sup>3</sup>); fully extended 1,173 cu. ft. (33.4 m<sup>3</sup>). Fuel tank—120 gal. (454 L). Water/solution tank—275 gal. (1041 L). Engine crankcase w/filter—24.3 qt. (23 L).

**ENGINE:** Diesel, turbocharged, liquid-to-air aftercooled.

**CYLINDERS:** 6, in-line.

**DISPLACEMENT:** 7.6 L (466 cu. in.).

**HORSEPOWER:** 250 (186 kW).

**GROUND SPEEDS:** Picking speed in 1st gear—0-3.6 mph (0-5.9 km/h). Picking speed in 2nd gear—0-4.3 mph (0-6.9 km/h). Transport speed in 3rd gear—0-15.5 mph (0-25 km/h). Reverse—0-7.1 mph (0-11.4 km/h).

**ON-BOARD UNIT LUBE SYSTEM:**

Control activated from cab or from the ground using tethered remote control. Lubrication reservoir—60 gal. (227 L).

**TIRES:** Front—20.8-38, 14 PR (R1, R2). Rear (dual wheels) 9.00-24, 8 PR (II).

**HYDRAULIC SYSTEM:**

Closed-center, constant pressure.

**OPERATOR'S STATION:** Sound-Gard-styled cab; heater standard; air conditioner optional.

