

# COTTON EXPRESS®



**CASE IH**

**2155**

Introducing the most productive performers in cotton country, the Case IH 2155 cotton pickers (left to right): 5-row wide, 4-row wide and 5-row narrow. Not shown: 4-row narrow.



# MORE PRODUCTIVE AND MORE FRIENDLY THAN EVER

## ***Cotton Express® Pickers Take Operator Control And Comfort To Impressive New Heights***

Introducing the new Case IH 2155 Cotton Express® pickers, featuring a highly advanced operator environment that brings dramatic new meaning to operator productivity. Wider and amazingly comfortable, this all-new control center is a direct result of our customers' requests.

But that's just part of the story. High-speed row units, a reliable induced air conveyor system, industry-leading Power-Metered Unloading and improved servicing access all help the new 2155 Cotton Express pickers set a standard for speed and performance that pays off handsomely at the gin.

**Fine view.** Adjust the seat to a perfect fit, and take a look around. The most striking difference is the sheer quantity of glass. But while your exposure to the crop is increased, your exposure to in-cab vibrations and movement is greatly decreased thanks to state-of-the-art Focalized Cab Mount design.

To your right, a striking new console follows the movement of your seat. The narrow right cab post is lined with all critical gauges, monitors and warning lights. All vital picker functions are contained within a new ergonomically designed propulsion control.

**Fast picking.** But if you like what the 2155 Cotton Express picker does for the operator, you should see what it does for the cotton. Faster to, through and between fields, Cotton Express pickers give you precious speed during the crunch time of harvest.

The new 2155 picker. It not only puts on a great performance, it gives you the perfect place from which to observe.

*Your Purchase Begins A Long-Term Partnership*

When you purchase a Case IH 2155, you get more than just an excellent cotton picker. You also get the long-term commitment of parts, service and support for that picker... a commitment we call **Total Product Support**.

It's a commitment that goes far beyond your initial purchase... a commitment of

genuine Case IH parts, and an investment your dealer makes in trained people and specialized service tools.

### **Total Product Support.**

It's parts and service, but mostly it's people — the people at your Case IH dealer, and the people of Case Corporation. Together, we're committed to every part of the farm equipment business.

### **PRODUCT SUPPORT**

COMMITTED TO EVERY PART



## A Cab So Comfortable, You Might Forget It's A Workplace

Beat the heat of harvest from the friendly confines of this expansive cab. It's an environment that adjusts and reacts to your every command.

It begins from the moment you settle into the seat. Adjust the standard seat front to back, up or down, to match your body proportions. Or for a truly deluxe ride, choose the air suspension seat.

The new right-hand console slides fore-and-aft, then moves in tandem with the seat. The steering column pivots forward or back, while the steering wheel tilts for just the right operator orientation.

**Outstanding view.** Now, take a look around you. And what a view: an expanse of curved glass that extends low to give you an outstanding view of the crop. To your right is a full-length door for easier service access and improved right-side visibility. Turn around and the view is equally impressive, with a wider



rear window for enhanced visibility into the basket. New fold-back mirrors on each side of the cab can be set to just the right position for a clear view of picking and unloading.

On your left, a companion seat provides a dedicated area for riders as well as additional room to spread out. This seat is the perfect place for breaking in new operators. Just lift the seat cushion for extra storage area or for easy service access to the air conditioning system.

And here's a small but thoughtful detail: a beverage holder for no-spill operation.

**Well-placed controls.** Overhead you'll find controls for temperature, lights and windshield wipers. The air conditioner now uses environmentally friendly HFC-134A refrigerant. Plus, the cab is pre-wired for a radio.

On the narrow right-hand cornerpost, critical monitor displays and gauges are in view, but not in the way. With a glance you can get quick updates on all important picker functions.

**(INSET)** The companion seat features thick cushions and is hinged to open forward, revealing additional storage area.

**(A)** This is truly an environment that adjusts to your needs, from the steering column that pivots in two places, to the multi-adjust seat. The right-hand console moves with the seat to keep all controls right where you need them.

**(B)** Seat controls, conveniently positioned below the operator's left knee, are easy to locate and tune to your desire. The seat adjusts 6 in. (152 mm) from front to back in 0.75-in. (19 mm) increments. The up-and-down adjustment range is 3 in. (76 mm).



# INTRODUCING THE LAP OF LUXURY



Welcome to the wide, wide world of cotton harvesting: the 2155's spacious interior has been widened 8 in. (203 mm), improving visibility while giving you plenty of room to stretch out and get comfortable.

## New Propulsion Lever, Right-Hand Console Put Picking Control At Your Fingertips

This is where man and machine come together: the new command center, which incorporates vital controls on an impressive multi-function propulsion lever and right-hand console. The console moves with the seat to keep all controls within easy reach.

**Lever control.** The propulsion control handle puts six vital picker functions at your command, including machine direction and speed, drum height, basket lift, door opening and conveyor operation. You select whether the drum or basket switches are operative by setting the basket/drum function selector switch on the console.

The palm rest on the lever can be easily repositioned for the proper angle and height setting to best match the operator's hand size.



**Productive, safe operation.** The Cotton Express® 2155 cotton pickers feature an Operator-Presence System for safer picking and maintenance. With the machine stationary, the picking unit automatically stops rotating when the operator leaves the seat.

However, the machine does not stop abruptly during normal field operation if the driver adjusts his position on the seat. Engaging an OPS service rocker switch on the console allows you to rotate the picking units from the ground using a tethered remote control, for service or inspection purposes.

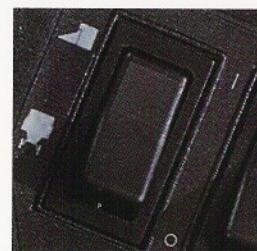
Other console controls include: individual right-hand and left-hand drum lift; basket compactor;

moistener system; basket/drum function selection; hydraulic valve lockout; fan engage; drum lube activation; and park brake. The compactor controls allow for infinitely variable rate adjustment, as well as push-button manual activation. Plus, the moistener system now includes a "flush" feature for those tough-to-keep-clean spindle conditions.

There are spaces on the console for adding a field-installed aftermarket guidance system, as well as a rocker switch for an aftermarket power-guide axle. (See your dealer for details.)

The right armrest opens, revealing the operator's manual — and it's a handy additional storage place.

**(RIGHT)** New multi-function propulsion lever gives you fingertip control over key picker functions. A function selector switch on the console **(INSET, left)** determines whether the drum or basket functions are active.



# PUT YOURSELF IN A POSITION OF POWER



*Basket control switch lets you raise the basket into the unload position.*

*Basket door switch opens and closes the door for unloading once the basket is raised.*

*Basket unloader button is recessed to prevent accidental activation.*

*Master drum raise-and-lower rocker switch includes a detent for the automatic height position.*

*Similar to many 2155 cab features, the new propulsion control goes the "extra acre" in its focus on the operator with this adjustable-position palm support.*

When day turns to night, you can depend on the new "stadium lighting" system to cast a bold, even band of light across your work area. Both the quantity and quality of light have been improved dramatically.



# WELCOME TO THE FRONT ROW

## ***Quiet And Comfortable, This Cab Takes You Gently Through The Day And Into The Night***

When bolls start opening, you have to go until the picking's done, no matter what. That's when you'll really appreciate the fine-tuned night visibility and super-quiet ride afforded by the Case IH 2155 cotton pickers.

The curved front glass gives extraordinary visibility from your work station, from top to bottom, side to side. At night, the curved glass panels virtually eliminate in-cab reflections.

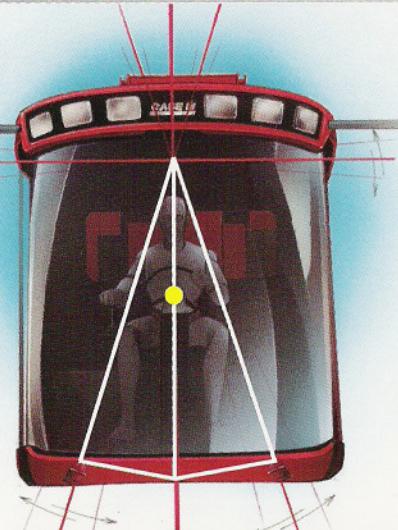
To optimize nighttime picking, a state-of-the-art halogen lighting system makes a continuous floodlight pattern, with no "hot" or "dry" spots. In addition, lights have been added under the cab to improve illumination of the drums.



**Focalized Cab Mount.** The cab's state-of-the-art Focalized Cab Mounting shields the operator from vibrations for a much smoother ride. The cab is mounted with four Isomount® isolators that are precisely aimed toward a point just above the operator's head. The resulting "virtual cab suspension" minimizes vibrations perceived by the operator, giving you the most comfortable ride possible.

Along with less vibration, you'll also enjoy a quieter ride in this cab. Sound levels have been greatly reduced for less strain and improved productivity.

*"Stadium lighting" offers amazing visibility for night operation. Six specially placed halogen lights flood your work area in brightness — no "dead" spots — while lights under the cab illuminate the drum area.*



*Unique Focalized Cab Mounting improves upon traditional rubber isolators by aiming the mounts to a position just above the operator's head (illustration, left). This design creates a "virtual cab suspension" that effectively aligns the center of gravity of both cab and operator at the center of the operator. (upper right) Bumps and vibrations are minimized compared to previous designs (right) for longer, more stress-free harvest days.*





The heart of a Cotton Express® picker is the drum. And we take care of our heart: note the sturdy one-piece welded frame and all-gear drive system.

## Induced Air System Delivers Cleaner Cotton Without Bottlenecks

The induced air system quickly moves cotton out of the drum after doffing. As lint passes through the inlet, it's blown up the large conveyor pipes into the big capacity basket.

It starts with a high-capacity conveyor fan that moves doffed cotton into the airstream. Cotton then moves at high speed through the large conveyor pipes (one to a rotor), which assure a free flow of



Black Rubber

Dura-Clean

Polyurethane

*During the picking process, spindles tear tiny particles from the doffers. Unlike other doffers, Dura-Clean non-contaminating neoprene doffers throw off a smooth bead-shaped particle (center) that won't catch in the lint, and goes out in the trash during ginning. Traditional rubber doffers shed rough, jagged-edged particles during the picking process, which get caught in the cotton fibers, contaminating the lint and remaining even after the ginning process.*

cotton into the basket.

Monitor sensors, placed at strategic points from the drums to the basket, keep an eye on the flow of cotton. Sensors also monitor rotor speeds. Should the speed of one rotor change with respect to any other rotor, the system alerts you with both an audible alarm and a warning

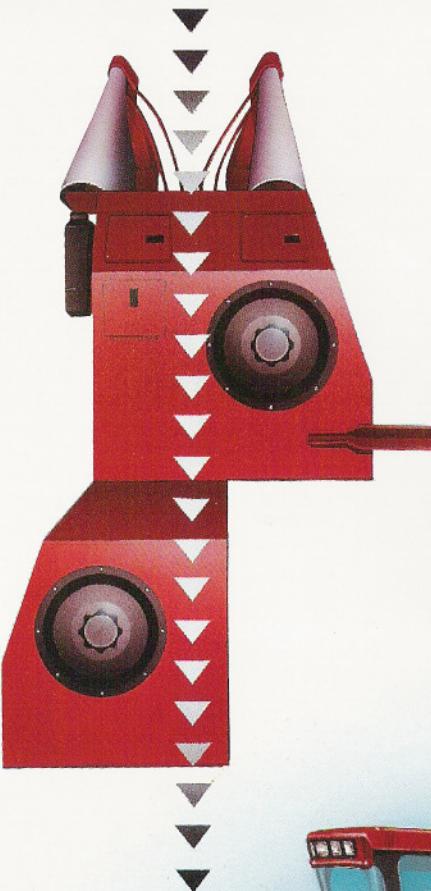
display. An easy-access door at the lower rear of each conveyor pipe simplifies inspection and service.



**(INSET)** You engage the drums with this lever, which is located to the right of the control console.

**(LEFT)** The patented drum design uses two rotors to pick from both sides of the plant — even in narrow-row cotton — for more efficient picking. Note how the plant gets complete spindle coverage during picking... and you get more cotton.

**(BELOW)** No bottlenecks... that's what you'll get with the induced air system on the 2155 cotton picker. Splitter veins, pulleys and air nozzles have been fine-tuned over previous models for improved airflow.



All-gear drive drums mean fewer adjustments and improved durability.

Front (shown) and rear rotors are positioned to pick from both sides of the plant — a Case IH design exclusive in narrow-row cotton. Plus, centralized grease banks allow for convenient one-point lubing for the drum gear drive.

Dura-Clean™ doffers use an exclusive design to flex while doffing, which minimizes chunking and maximizes wear-life. These white neoprene doffers are non-contaminating and oil-resistant.

Individual square polyurethane moistener pads feature 21 fins for maximum spindle coverage. They're easily replaceable and are designed for minimal wear on the spindle nut and shield.

Chromed and broached spindles feature a unique barb design for optimum doffing and picking. The 4-row uses a total of 1,728 spindles, while the 5-row machine uses 2,160 spindles.

Composite-material plant lifters offer improved visibility and plant flow into the picking unit. The lighter color gives the operator better visibility of the plant, while the higher-profile design improves plant flow.



# HOW THE COTTON EXPRESS PICKER DELIVERS MORE COTTON

A INDEPENDENT ROW UNITS



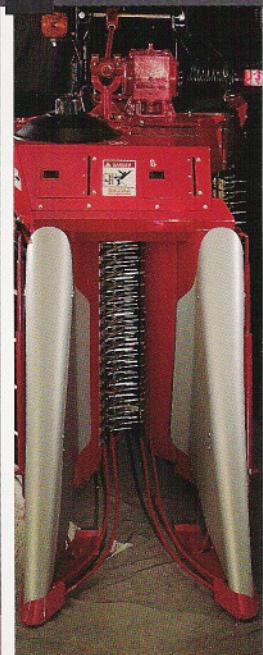
B AUTOMATIC HEIGHT SENSING



C MOISTENER SYSTEM



D PLANT LIFTER RODS



## *The Finer Points Of Harvesting Higher-Quality Cotton*

The drum area on Case IH Cotton Express® pickers is designed for high-speed, efficient harvesting of higher-quality cotton, starting with the drums. These drums always position rotors on both sides of the plant for complete picking.

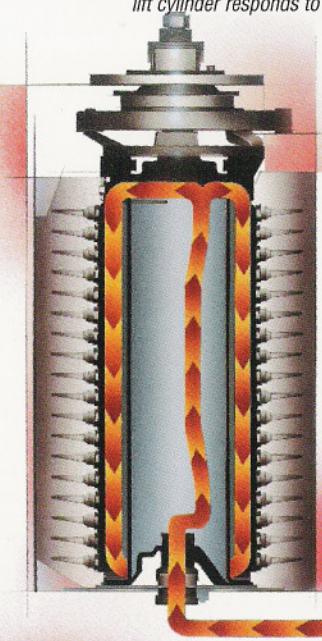
The unique spindle features a superior barb configuration with three rows of 14 barbs. The first three barbs in each row are set at a 30-degree angle for efficient doffing. The last 11 barbs are set at a 45-degree angle for efficient picking. This unique combination gives aggressive yet effective doff-and-pick action.

Large Dura-Clean™ doffers handle more crop, faster than ever. Their exclusive neoprene material sheds a smooth particle that won't contaminate the lint. (See illustration, foldout page left.) The doffers also give improved wear, with up to a 16% longer life vs. rubber compound doffers.

Gear-driven drums use a reliable on-board system to grease all picker bars and bearing caps. This saves time and effort over conventional greasing methods.

**(A)** To avoid obstructions in the row, you can lift each set of row units independent of the other. The unaffected units remain in automatic height sensing mode, and continue picking those low bolls.

**(B)** Automatic height sensing is standard on the 2155 picker. When the height-sensing shoe reaches an obstruction or a change in ground contour, the unit lift cylinder responds to



the change automatically. Additional automatic height control can be added to drums number 2 and 3 (on a 4-row machine) or drums 3 and 4 (5-row) for enhanced ground sensing.

**(C)** Controlled from the operator's seat, the pressure moistener system assures uniform moisture distribution to the drums for cleaner spindles and cleaner cotton. You can also "flush" the system to clear sap buildup.

**(D)** Gentle-radius plant lifter rods have been reengineered to keep cotton plants moving smoothly into the row units with reduced shatter losses.

Grease is pumped from reservoir

**(LEFT)** On-board lubrication system cuts the time it takes to get your picker in action every morning. You can program the on-board controls to indicate when lubing is required.

*The exclusive Power-Metered Unloading System combines speed with control... such accurate control, you won't waste time cleaning up spilled lint. Unlike other designs, this stable unloading system lifts straight up, and then conveys your precious cargo over the unloading door and into the module builder or trailer. It's a fitting finale to a gin-busting harvest.*



# TAKE A LOAD OFF THE EASY WAY

## ***The Straight Story: Exclusive Power-Metered Unloading Gives You Total Control***

You're way ahead — and so is your lint quality — with the controlled module-filling you get with a 2155 Cotton Express® cotton picker.

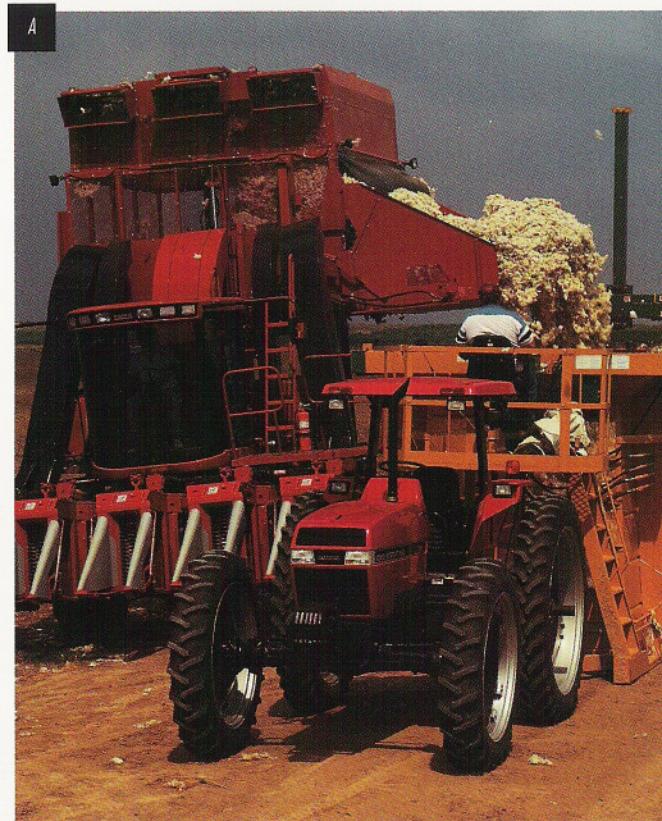
Unlike gravity-dump systems, Power-Metered Unloading lets you start and stop the conveyor chain at any time during unloading. You can fast-fill a module quickly and neatly. Or if you're topping out, you can meter lint in a more controlled manner. This design results in less spillage, and also keeps the machine's center of gravity between the tires for added stability.

Plus, a new accessory — a remote-control tethered unloading switch — lets you leave the cab to monitor unloading from the operator platform for added visibility.

And you can expect to unload more cotton because Cotton Express pickers use a press-type basket compactor during operation. The compactor can be set to run automatically at the interval you preset, or you can run it at will by depressing the compactor switch. Either way, you'll get even greater capacity

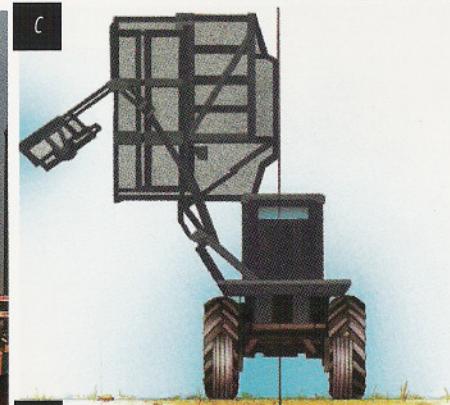


from the big 875 cu. ft. (24.5 m<sup>3</sup>) basket. By adding basket extensions, you can boost your overall capacity to as much as 1,150 cu. ft. (32.2 m<sup>3</sup>).



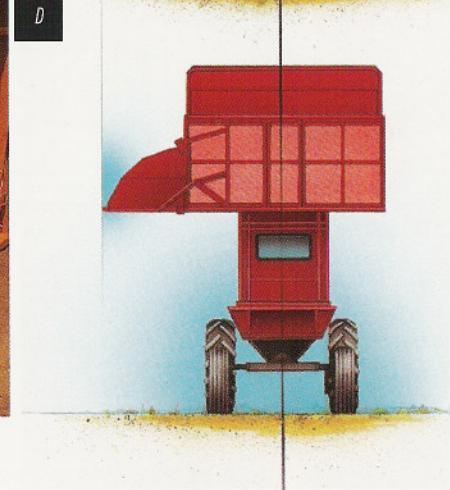
**(INSET)** You can leave the cab for a closer look at unloading using the tethered unloading control.

**(A)** Since the basket doesn't have to be tilted, it's much easier for the operator to position a Cotton Express picker alongside the module builder. Trash on top of the basket won't get dumped into the module builder either... meaning a cleaner sample at the gin.



**(B)** The basket lift and unloading functions are conveniently controlled from the multi-function propulsion lever.

**(C)** The competitor's gravity-dump system puts the machine in an unstable position: note the basket position vs. the machine's center of gravity. With the basket raised straight up, a Cotton Express picker's center of gravity always remains inside the picker frame. This assures a more stable machine, and reduces stress on frame members.



**(D)** The unique Power-Metered Unloading System allows you to control the amount of cotton you unload. When the module builder or trailer becomes full, you simply close the door, lower the basket, and move forward to the next receptacle.

*MAGNUM™ tractor and Axial-Flow® combine engine design technology is used to power each Cotton Express® picker, and packs plenty of power reserve and durability for the long haul. Massive final drives and a hydrostatic drive transmission translate that power into reliable picking productivity, even in tough harvest conditions.*



# THE MUSCLE TO THRIVE IN COTTON COUNTRY

## MAGNUM™ Tractor Engine Design Translates Into Picker Productivity

Expect — no, demand — more power from a Case IH Cotton Express® picker. Its turbocharged engine uses the same technology as MAGNUM tractor and Axial-Flow® combine engines. This technology provides high torque reserve and fuel efficiency to match the heavy power demands from picking units and module-busting loads.

Design engineers, backed by stress analysis and “real-world” testing, have developed this new-age engine design... a design that elevates efficiency and performance to levels found nowhere else.

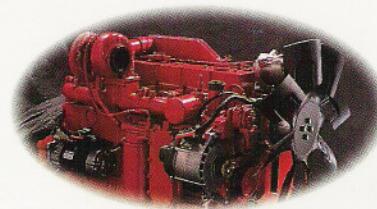
And as for fuel economy... this engine stretches every drop from the big 120-gal. (454.5 L) fuel tank, so you can pick all day without refilling.

**Smooth control.** The 2155 Cotton Express picker is equipped with a hydrostatic drive transmission. The transmission shift lever has been repositioned to the right-hand side of the cab for easier operator control. You get smooth, single-lever control of three speeds.

In first gear, you can pick at up to 3.6 mph (5.7 kph). The transmission and drums are synchronized in this gear to

optimize picking performance. Second gear allows for scrapping at up to 4.3 mph (6.9 kph), while third gear is reserved for transport speeds at up to 17 mph (27.3 kph).

Even the brakes have been improved and now feature a hydraulic power-assist and wet-disc design. And it's easier to engage the electrically controlled park brake from a convenient console-mounted rocker switch.



**(A)** The propulsion lever controls direction and infinite speed variations in all three gear ranges.

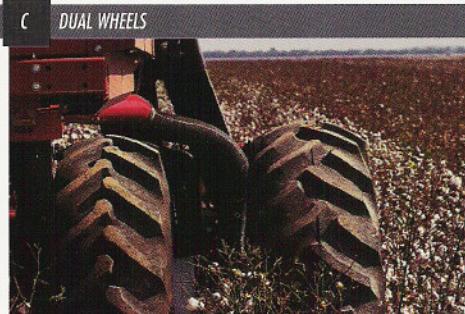
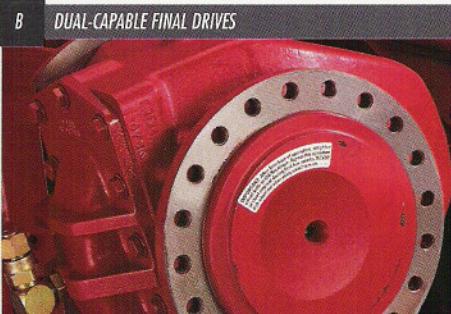
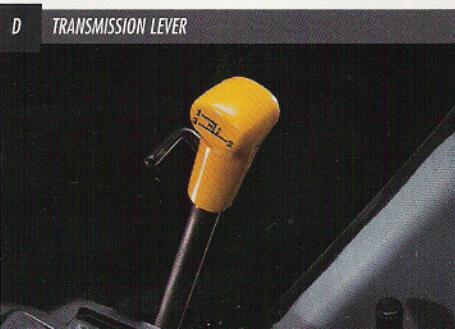
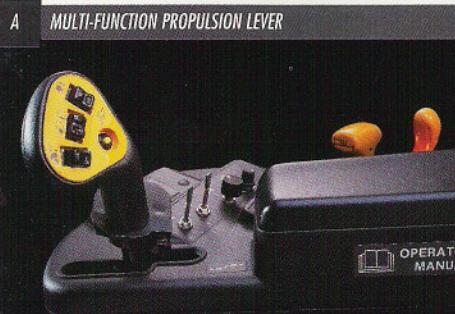
**(B)** Massive final drives handle big loads, typical of those associated with picking operations. The drives have been redesigned, with key components beefed up to handle dual-wheel applications — key to harvesting in wet soils or when soil compaction is an issue.

**(C)** A dual-wheel completing package gives you added traction for demanding conditions. Package includes wheels and tires, left- and right-hand wheel shields, and pivoting access ladder.

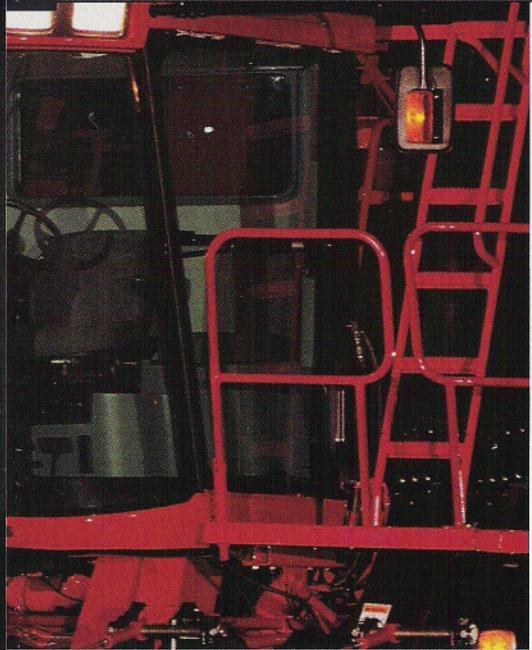
**(D)** The three-speed transmission lever has been relocated to the right of the console.

**(E)** Foot-and-inch pedal gives you added maneuverability in tight places.

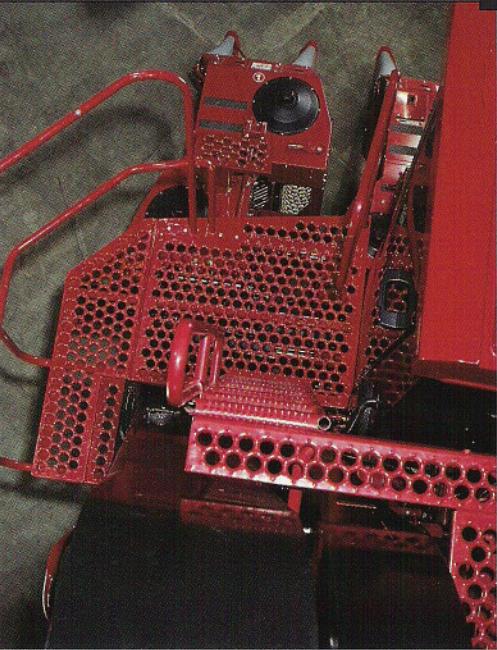
**(F)** The same design parameters used for MAGNUM tractors and Axial-Flow combines are used on the 2155 Cotton Express pickers. Design highlights include cross-flow breathing for uniform temperatures, low-swirl cylinder heads for good fuel efficiency, and specially designed piston rings for long cylinder life.



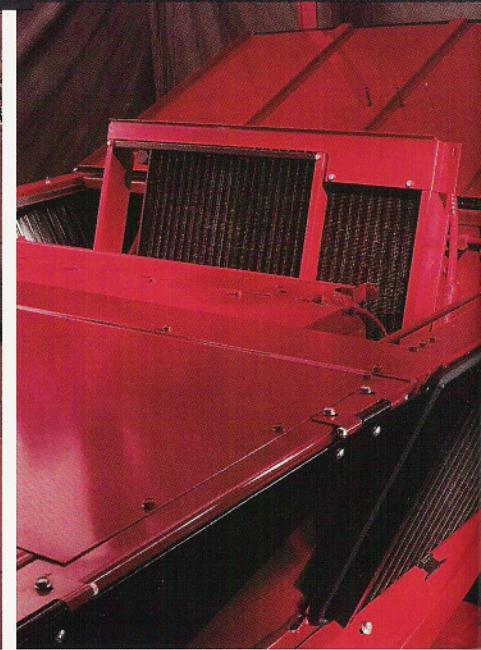
A ACCESS TO WINDOWS, MIRRORS, DRUMS



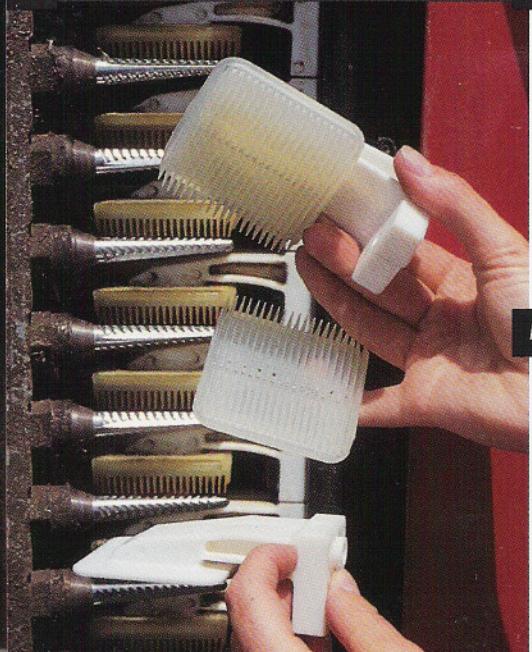
B ACCESS TO GREASE POINTS, FILTERS



C RADIATOR ACCESS



D REPLACEABLE MOISTENER PADS



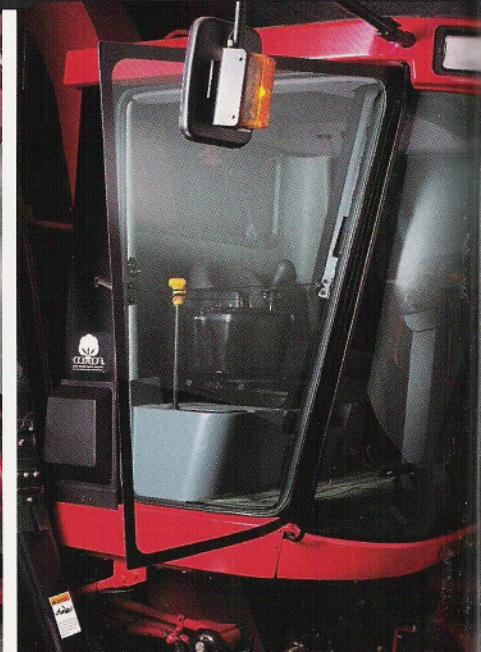
E DOFFER ADJUSTMENT



F ROTOR COVERS



H RIGHT-HAND SIDE DOOR



F TETHER-CONTROL ROTOR INSPECTION



# THE DIFFERENCE IS IN THE DETAILS

**(A)** The wide platform makes it easy to reach the cab window or adjust the folding mirrors. The platform handrail is hinged to allow service access to the windshield (left) and drum tops (right).

**(B)** Centralized lube banks on each side of the machine are within easy reach, as are filters and other maintenance points. Simply remove the side panel.

**(C)** Full access to the radiator and oil cooler is provided for cleaning. Simply raise the basket, set the front and rear basket locks, and flip up the deck panel. The radiator slides up for cleaning or servicing.

**(D)** Save time and money with individually replaceable moistener pads and pad holders... no need to remove the entire moistener stand should a pad or holder become damaged. Their polyurethane design resists wear and readily adjusts to spindle height.

**(E)** Doffers are easily adjustable using the doffer wrench and bolt. Once doffers are adjusted, the wrench doubles as the anchor point for holding the doffer stack in position.

**(F)** To inspect the rotors while greasing, use the convenient OPS service bypass remote-control tether switch located in a clean compartment within the drum cover.

**(INSET)** Optional tethered service lights give you additional visibility when working under the engine compartments.

**(G)** Rotor covers give additional protection to spindles from coarse plants and heavy weeds. These optional covers open and can be removed easily for rotor service access.

**(H)** Right-hand door is all glass for superb visibility. It provides an alternate exit and easy access to service points.

You can hydraulically spread the drums apart for access during cleaning and inspection.

## Make Fast And Efficient Work Of Service

Routine service not only keeps your picker in top condition, but also extends the useful life — and maintains the resale value — of your machine. And service that's easy to complete is more likely to get done.

You'll be pleased to find that the 2155 Cotton Express® picker is service-friendly to make maintenance almost hassle-free.

The on-board lube system lets you program the interval you want. Then an audible alarm and graphic display alert you when it's time to activate the system.

Centralized lube banks located on each side of the machine allow easy access to chassis lube fittings. For improved access to the inner drums,



a ground-level drum-spread switch lets you hydraulically spread individual drums. Batteries have been relocated to the radiator compartment, and a convenient ground-level jump start stud has been added. Plus, optional tethered service lights give added visibility when working under the left- and right-hand engine compartments.

**Productivity-plus.** Optional full rotor covers prevent grass and weeds from entering uncovered spindles on the side of the drum, avoiding outlet plugging. And a full-length right-hand side door gives the operator additional access.



## Safe Operation Is Standard Equipment

Accidents aren't planned. But through careful design, Case IH Cotton Express® pickers are made to help protect you and your operators.

An Operator-Presence System automatically shuts off the row units after you leave your seat when the machine is stationary. However, you need to run the units for cleaning and to check spindles and drum operation during greasing. For that, you can use a tethered remote control to slowly rotate the drums from the ground.

For fire hazards, a fire-unload rocker



switch has been conveniently located on the front headliner.

Activating the switch will immediately shut off the conveyor fans and unload the basket contents.

And wide, new operator platforms with non-skid flooring, along with thoughtfully placed grab handles, railings and ladders, make access to windows, mirrors and lights convenient.

Other safety features include basket cylinder locks, SMV signs and a full array of work, tail, turn and flashing lights.

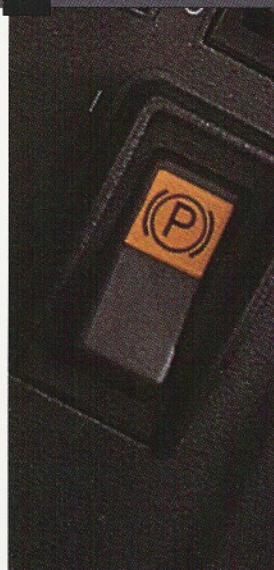
**B** WIDE, NON-SKID PLATFORMS



**C** OPS SERVICE-BYPASS SWITCH



**D** PARKING BRAKE SWITCH



**A** BASKET LOCKS



**(INSET)** The fire unload switch shuts off the conveyor fans and empties the basket contents immediately in case a spark starts the lint on fire. It uses a locking-detent design to discourage inadvertent activation.

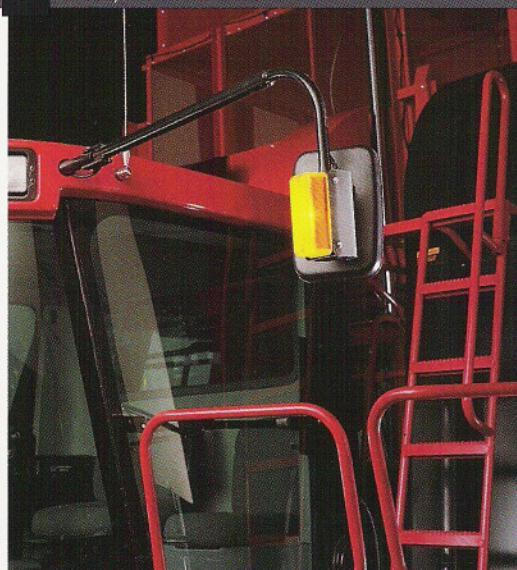
**(A)** To access the radiator or fan underneath the basket, first set the front and back basket locks.

**(B)** Note the wide non-skid surfaces on all platforms and steps. Self-cleaning rungs on the ladder help keep you from tracking dirt and dust inside the cab for a cleaner work environment.

**(C)** The OPS service-bypass switch, located on the cab console, must first be activated before you can use the remote-control tether to view drum rotation from the ground.

**(D)** An improved parking brake system is engaged using an easy-to-use rocker switch on the console.

**E** HANDLES, RAILINGS AND LADDERS



**(E)** Well-placed railings, grab handles and steps are located across the picker platform and drum areas. In addition, rearward-folding mirrors feature amber flashers on their backside to alert oncoming vehicles during transport.

# SPECIFICATIONS

## 2155 COTTON EXPRESS® PICKER

### ENGINE & CAPACITIES

Horsepower	260 (193.8 kW)
Engine model	6TA-830
Number of cylinders	6
Displacement	505 cu. in. (8.3 L)
Aspiration	turbocharged, aftercooled
Fuel capacity	120 U.S. gal. (454.5 L)
Alternator	135 amps
Batteries	
Number	2
Capacity	12 volts/700 CCA (each)
Air filter	dual-stage, dry type with aspirator and service indicator
Coolant filter-conditioner	

### TRANSMISSION

Input	hydrostatic
Ground speeds	
1st gear	0-3.6 mph (5.7 kph)
2nd gear	0-4.3 mph (6.9 kph)
3rd gear	0-17 mph (27.3 kph)
Final drives	heavy-duty, dual-capable
Hydraulic power disc brake	dual pedal
Park brake	electrically controlled, mechanically applied

### PICKING DRUMS

No. of rows	4 or 5
Row spacing	
4-row narrow	30 or 32 in. (762, 812 mm)
4-row wide	38 or 40 in. (965, 1016 mm)
5-row narrow	30 or 32 in. (762, 812 mm)
5-row wide	38 or 40 in. (965, 1016 mm)
Drive system	gear
Stalk lifter rods	standard
Rotor protection	forward/reverse
Bars per rotor (front/rear)	12/12
Pick orientation	front/rear rotors pick from both sides of the plant
Bar material	aluminum alloy
Spindles per bar	18
Spindle diameter	0.5 in. (12.7 mm)
Barbs per spindle	3 rows of 14/row
Total barbs per machine	
4-row	72,576
5-row	90,720
Doffers	
Type	Dura-Clean, flexible
Material	neoprene, non-contaminating

### HEIGHT CONTROL

Height control	automatic sensing (standard on outer two drums)
Skid shoes	hard-surfaced drum lifter
Drum lift	separate left- and right-hand
Chassis lube	
Type	centrally located
System	on-board picker bar lube

### COTTON CONVEYING

Type	induced airflow; two outlet and air sources per row
Fans	
Type	venturi
Speed	4100 rpm
Number	2
Conveyors	2

### MOISTENER SYSTEM

Type	pressurized
Water tank	
Material	polyurethane
Capacity	385 gal. (1458 L)
Pad type	individually replaceable oil-resistant urethane
Pressure fill for tank	optional

### BASKET

Capacity	
Standard	875 cu. ft. (24.5 m <sup>3</sup> )
W/mid extensions	1,025 cu. ft. (28.7 m <sup>3</sup> )
W/tall extensions	1,150 cu. ft. (32.5 m <sup>3</sup> )
Type	vertical lift w/Power-Metered Unloading
Lid	telescoping basket
Compactor	roof-mounted, press-type
Compactor activation	automatic or manual
Unloading height range	9 ft. 8 in. to 12 ft. 2 in. (2946 to 3708 mm)

### DIMENSIONS

Overall length	27 ft. 2 in. (8.28 m)
Width	14 ft. 4 in. (4.37 m)
Height	
W/o extensions	13 ft. 11 in. (4.24 m)
W/tall extensions	15 ft. 11 in. (4.85 m)
Transport	12 ft. 6 in. (3.81 m)
Wheelbase	130.4 in. (3313 mm)
Drive axle wheel tread	
4-row wide	80 in. (2032 mm)
4- or 5-row narrow	90 in. (2286 mm)
5-row wide	114 in. (2895 mm)

### STANDARD EQUIPMENT

Operator's Station	
Focalized cab suspension, right-side window and service door; heater and air conditioner; electronic heating, ventilation and air conditioning control w/ininitely variable fan; precleaner and pressurizer fan; tinted glass and sun visor; alert horn; two dome lights and right console light; steering column w/floor and upper pivot; single-blade windshield wiper; adjustable right console floats with seat; padded passenger seat w/storage compartment; variable pressure moistener system w/"flush" capabilities; Operator's Presence System; basket/drum function selector; beverage holder, ashtray and lighter; dual outside rear-folding mirrors; equipped for radio, includes two speakers, wiring and antenna.	
Instrumentation, Controls, Lighting	
Multifunctional propulsion control lever; drums raise/lower, basket door open/close, basket raise/lower and basket conveyor unload.	
Modular instrument cluster (back lit) w/gauges, warning lights and audible alarm.	
Gauges	voltmeter, fuel level, coolant temperature.
Warning indicator lights	low voltage, oil pressure, coolant temperature, coolant level, hydraulic oil reservoir level, hydraulic oil temperature, basket door open, A/C system, parking brake, OPS service bypass.

Electronic digital data center w/touch pad	engine speed (rpm), fan speed (rpm), ground speed (mph/kph), engine hourmeter and fan hourmeter, area measure (acre or hectare), moistener system pressure, tire size to ground speed calibration.
Cotton monitor	drum rotor, cotton conveyor flow and lube indicator.
Lighting	6 adjustable halogen headlights (4 flood, 2 distance), 2 red rear taillights, 6 combination amber flashing and turn signals, work lights (2 unloading at basket door, 1 into basket front, 1 under cab).

### OPTIONAL EQUIPMENT

Basket extensions	
Mid	1,025 cu. ft. (28.7 m <sup>3</sup> )
Tall	1,150 cu. ft. (32.5 m <sup>3</sup> )
Air-suspension seat, fabric covered with weight-compensating air suspension and Operator's Presence Switch.	
Reversible/non-reverse drive shaft.	
Mud scrapers.	
Automatic height sensing control (additional rows).	
Dual-wheel completing package.	
Rotor covers.	
Row conversion packages.	
Ether start.	
Worklight kit.	

