



Case IH

April 05, 2010

Sugar Cane Harvester Bulletin nº: 01.10

# CASE IH A800 SERIES SUGARCANE HARVESTER

# The Leader Evolution. Productivity and Efficiency in your Harvest



Case IH has introduced to the global market the A8000 Series sugarcane harvesters, ushering in a new era for the machine harvest of sugarcane.

The A8000 Series adds to the reliability of more than 25 years of A7000 Series sugarcane harvesters a Case IH-exclusive technology package, delivering a more effective and efficient product to the sucro-alcohol sector.

The Series A8000 sugarcane harvester's primary innovations include: a new engine, a new electronic cab, a new cooling system, a new extreme chopper and the introduction of the Case IH AFS's (Advanced Farming System) proven technology to the world of sugarcane harvesting.

# Case IH's commitment to the development of the global sucro-alcohol sector

The information in this bulletin demonstrates to the consumer all the innovations and improvements that have been implemented in both Case IH A8000 Series sugarcane harvester models: The A8000 (wheeled) and A8800 (crawler).





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# 1. The Engine - Proven Performance

Case IH C9 Engine – This engine is manufactured by FPT (Fiat Powertrain Technologies) which supplies engines for all FIAT group Assembly plants, including Case IH, that already have tractors and grain harvesters with FPT (Fiat Powertrain Technologies) engines, like the Magnum 335 and the Axial Flow AFX 7120.

For other global regions, the Case IH A8000 Series sugarcane harvester will only be equipped with the Case IH C9 Engine.







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Case IH C9 Motor

### Features:

- 6 in-line cylinders, direct injection, turbocharged and air-charge aftercooled;
- · 9-liter engine capacity;
- · 4 valves per cylinder;
- Power: 358 cv (260 kW) @ 2100 rpm;
- Common Rail electronic injection system;
- Tier 3 EPA Certification:
- 185 A and 12 V alternator:

### Benefits:

- High performance guaranteed: elevated torque and low fuel consumption;
- Simple and low-cost maintenance Network of Case IH Dealers;
- Availability of replacement parts;
- FPT FIAT POWERTRAIN TECHNOLOGIES global quality;
- Meets the environmental requirements of the EPA (Environmental Protection Agency)

# Cooling Package

The new cooling system is made up of a series of radiators:

- water radiator:
- hydraulic oil radiator;
- intercooler:
- air conditioning condenser;



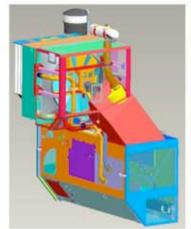


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This system is located in the upper part of the harvester, which minimizes contact with mineral and vegetable impurities. In addition, the system applies positive pressure to the engine housing, preventing the entrance of impurities. Better accessibility to the engine is another factor that stands out in this new project.



Cooling Package - Situated on top of the Engine Housing

For the radiator's ventilation, air is emitted through a large fixed screen and the hydraulic fan includes a reverse function. To keep the screen clean, the fan reverses automatically every 20 minutes, which removes all the impurities that are caught in the air emission screen.

In the event that some irregularity occurs in relation to the temperature of the engine's cooling liquid or of the hydraulic oil, the machine's operator can trigger the fan reversal at any time from a button located in the cabin.

# **Case IH Advantages**

Greater cooling capacity
Less time spent cleaning radiators

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Fixed air emission screen



Hydraulic fan with reversible function



Better engine accessibility

# 2. Cabin - Case IH Technology simplifies machine operation

The new A8000 Series electronic cab presents several characteristics that simplify the operation and management of the harvester, as well as those that increase the operator's comfort and visibility, making significant contributions to the machine's serviceability.



**Electronic Cab** 





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# 3.1. Technology that simplifies Machine Operation

- Joystick Transmission and Electronic Direction (drive-by-wire)
  - available for both models A8000 and A8800
  - Cruise Control module automatic speed control (memorizes the desired harvest speed);



Joystick - Transmission and Electronic Direction

# Benefits:

- Easier harvest operation;
- Greater precision in using the automatic pilot once there is communication between modules (automatic pilot module and direction module);
- Jobs in smaller areas can be completed without inducing excessive force on the frame;
- Greater efficiency in machine operation; when using the Cruiser Control there is no need to make constant adjustments in speed;

### AFS 200 Monitor

- 6 screens with up to 12 indicators per screen, all customizable for different operators;
- harvest functions and Auto Tracker functions can be adjusted through the monitor;
- all harvesting and engine functions can be monitored;
- all indicators are found in just one place;
- simple user interface with interactive screens;





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**AFS 200 Monitor** 

- · Right-side Console with Multifunctional Lever
  - buttons to control all harvesting functions;
  - the user can navigate around the monitor through the console;
  - ergonomic positioning with arm rest, close to the monitor;



Right-side console with multifunctional lever

- Series GPS
  - allows for the monitor's speed indication





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 acts together with the Data Logger (on-board computer) to mark georeferenced points;

# 3.2. Comfort and Visibility

- Large windshield;
- Windshield wipers and cleaner;
- Two split external rear-view mirrors;
- Driver's seat with vertical, horizontal adjustment; lumbar support; arm rest and driver weight indicator;
- Training seat;
- Pressurized and air-conditioned cabin with acoustic isolation (81 decibels);
- External illumination developed specifically for sugar-cane harvesting;
- Right-side console illumination for night-time work



Cab with optimal visibility and comfort



Split external rear-view mirror





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Operator's Seat



Training seat



External illumination developed specifically for sugar-cane harvesting





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# Benefits

- Optimal day-time and night-time visibility, both front view and rear view;
- The operator does not need to turn around to see behind the harvester;
- Ergonomic adjustment for all operators;
- Ample interior space;
- Acoustic comfort;
- Greater ease in instructing new users and operational training;
- Operator's comfort in all operating conditions;

# 3.3. Serviceability

- Cab and tilting roof with simple tilting process;
- · Error and irregularity messages on the monitor;
- Electric engine diagnostic intake;
- · Pre-fitted for radio, CD/MP3 player, automatic pilot;
- 12 V Cabin;
- Fuse panel for all circuits;



Cab and tilting roof





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Error messages which simplify diagnostics



Electric engine diagnostic intake

# **Benefits**

- Easy access to the engine and to the components located on the upper part of the cab;
- Reduced time spent on maintenance due to quicker and more precise diagnostics;
- Ease of installation of accessories and optional features (Ex.: the installation of the optional automatic pilot feature can be done in under 2 hours);
- Increased harvester efficiency





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# 3.4. Technology that simplifies Machine Management

Case IH is the first sugarcane harvester manufacturer to release as a serial item an onboard computer (Data Logger) which communicates with the best precision agricultural software in the market, Case IH AFS Desktop Software.

The customer has at his disposition a wide range of parameters (hydraulic oil temperature, fuel consumption, motor rotation, among others) that can be selected and registered during the operation; all this is accomplished via the interactive and easy-to-use interface.

Every 3 seconds, a georeferenced point is registered, indicating the situation at that moment for the selected parameters; this allows for the creation of maps and for the monitoring of the operations of the machine harvest as a whole. The frequency of these registries can also be increased to every 1 or 2 seconds.

The data registered by the on-board computer is stored on a pen drive to be later downloaded and analyzed in the Case IH AFS Desktop Software. Another extremely important point is that the Series A8000 Case IH sugarcane harvesters are already prefitted for telemetry technology which allows for the managing of agricultural equipment from a distance.



Detailed view of the level selection interface screen - On-board Computer Unit





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Detailed view of the screens with lists of parameters and stops which can be selected for registry in the on-board computer

# Benefits

- Better control of the operation of the harvester;
- Easier to identify opportunities for improvement as related to:
  - harvesting;
  - logistical structure;
  - systemizing of the area;
  - operational errors;
- An excellent support tool for harvest control and planning;
- Registries can be grouped into tasks based on operator, area, cane state, cane variety, etc.;

# Case IH Advantages

Cab – Technology that Simplifies

- + Easy and comfortable operation
  - + Easy harvester management
- + Ease in diagnostics and maintenance

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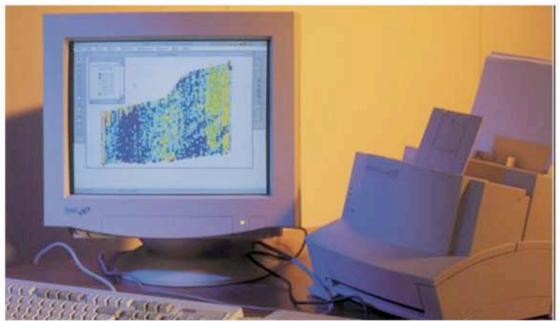
# 4. Case IH AFS Solutions - Precision and Control in Harvesting

In addition to all the features available in the sugarcane harvesters from the Case IH A8000 Series, there are two other available solutions relating to precision agriculture: the Case IH AFS Desktop Software and the Case IH AFS Guide – Automatic Pilot.

# 4.1. Case IH AFS Desktop Software

All the data registered in the on-board computer (data logger) of the Series A8000 Case IH sugarcane harvester, can be transformed into maps and reports which will enable the user to visualize, manage and control his/her harvest. Beyond that, all the data collected in other equipment and on-board computers can be imported to the Case IH AFS Desktop Software, further simplifying the management of the machine harvest and other agricultural machine activities.

A software license can be installed in up to 2 computers to track and manage any number of machines, including tractors and harvesters.



Case IH AFS Desktop Software - Analysis reports and maps

The data can be grouped by producer, farm, section, operator, date and time, altitude, geographical position, task completed and harvest. There are a great number of other parameters, such as: operator productivity, fuel consumption, work speed, hydraulic oil temperature, among many others, which can be shown through the analysis reports and maps.

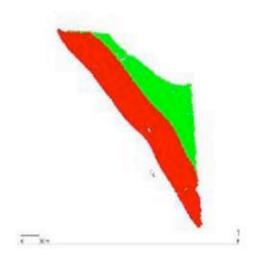




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Example of a map generated within the software showing the harvested area by two operators in one day of work

### 4.2. Case IH AFS Guide – Automatic Pilot

- Optional item with installation completed by a Case IH dealer;
- · Kit is equipped with:
  - AFS PRO 600 Monitor:
    - it has all the functions of the AFS 200 monitor;
    - touch screen technology;
    - possibility to created A/B straight lines and curves;
    - storage and transfer of data in memory cartridge;
  - Navigation Controller II Module;
  - Antenna and RTK radio receptor;
  - Other additional installation items;
- The RTK Base is not included in the Kit and must be acquired through the parts division;





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AFS Pro 600 Monitor - with the optional Automatic Pilot

# Benefits:

- Easy installation of the harvester automatic pilot kit (less than 2 hours to install);
- Improved day-time and night-time performance frees the operator from focusing on direction control, facilitating the monitoring of other critical points in harvesting;
- Possibility to use the planting map with precision up to 2.5 cm in localizing the row of planted cane;
- Greater longevity for the sugarcane plantation, as there is a decrease in walk-over in stubble areas;
- Tractor operators that are already familiar with the use of the AFS Pro 600 Monitor can use the harvester with the automatic pilot feature;
- Correction signals from the RTK base with wide coverage area, able to reach up to a 15 km radius in flat areas;

# Case IH Advantages

Case IH AFS Solutions – Precision and Control in Sugarcane Harvesting

The best best agricultural software on the market Complete automatic control

- 1. Automatic Control of the Cut base height Auto Tracker
  - 2. Automatic speed control Cruiser Control
- 3. Automatic direction control AFS Guide Automatic Pilot

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# 5. Supply System

All the reliability of the proven supply system of Case IH sugarcane harvesters is found in the Series A8000, plus the introduction of several improvements which increase the product's productivity and efficiency.

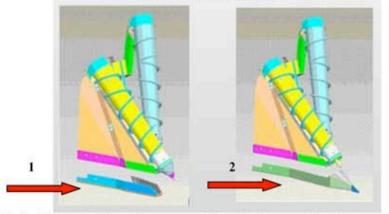
# 5.1. Line Dividers and Floating Skirts

The following improvements have been added to the line dividers:

- Rotating cone with reduced dimensions;
- Bolted base footing:
- · Floating skirts with new directioning angle of the base cut beam for the base cutter;



Rotating cone with reduced dimensions – minimalizes the possibility of sinking in the soil, less dirt movement and more fuel efficiency



- New bolted base footing increases the efficiency of the harvester, as it is no longer necessary to stop in the field for weld filling.
- 2. Bolted base footing which converts the line divider from a rotating pipe to a fixed pipe (available from the parts department)

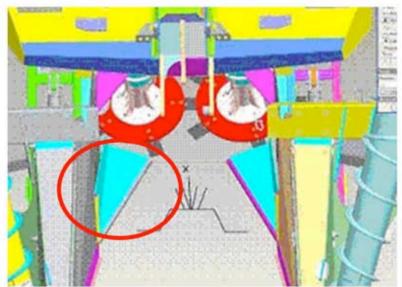




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New floating skirts' angle - minimizes the chance of simple lines harvesting losses

# 5.2. Lateral Cut Disc

The new lateral cut disc circuit increases the efficiency of the sprouter.

# 5.3. Finned Supply Roller

The supply roller of the Series A8000 sugarcane harvesters has an increased diameter of 30% in relation to the previous version and the height of the conveyors was increased from 43 mm to 83 mm. A new aggressive conveyor kit is available from the parts department for adverse conditions.



Finned supply roller with larger diameter and larger conveyors - greater traction in the supply system





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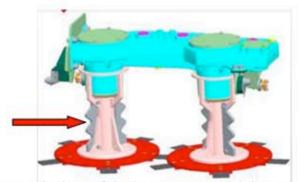


Aggressive conveyor kit for adverse harvesting conditions
Available from the parts department

### 5.4. Base Cut

For the base cut, the following improvements have been implemented:

- Bolted conveyors on the legs of the base cutter;
- Availability of the 3-part leg fuse (optional);
- Auto Tracker (Automatic Controller of Base Cut Height) integrated into the AFS 200 monitor with simple and interactive calibration interface;
- · Protective sheet for the cylinder and Auto Tracker sensor;



New bolted conveyors on the legs of the base cutter which improve the supply of the cane to the supply rollers



Base cutter legs in 3 parts – fuse (Optional) – recommended for areas with adverse conditions.

Minimize damage to the structure of the base cutter in case of strong impacts.





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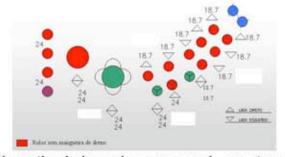
Auto Tracker calibration and adjustments integrated into the monitor with simple and interactive interface



Protective shield for the cylinder and the Auto Tracker sensor - longer-lasting component

### 5.5. Intake Rollers

The intake rollers have had part of the drainage hoses removed, simplifying maintenance.



Roller motors in red have the drainage hose removed - greater agility in maintenance





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Detailed view of the Intake Rollers without drainage hoses

# 5.6. Extreme Chopper

The Extreme Chopper allows for a faster harvesting process in areas of elevated cane productivity from the first cut. As a result, the operational performance is improved and the fuel consumption (liters/ton of cane harvested) is lessened.

- New Parker pump with 3 stages added to the hydraulic system; the first and second stages are for the supply of the chopper motors;
- New chopper motors with 57.4 in cu;
- Thowl pin adjusted from the cab;
- Chopper with 4 blades (standard) and 3 blades (optional);
- Increase in hydraulic oil output for the chopper motors (from 62 gpm to 102 gpm);



New Parker Pump with 3 stages - greater oil output for the chopper motors





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New Chopper Motors - Greater harvesting power and efficiency in areas of elevated production

# Benefits:

- 39% greater power as compared to the previous chopper;
- Increase in rotation of the chopper rollers (from 180 rpm to 205 rpm);
- Greater harvesting efficiency in areas of elevated production and first-cute cane;

# Case IH Advantages

Intake System – Efficiency in the most severe conditions

Less soil movement
Greater harvesting speed
Fewer losses
Excellent repeatability in base cute height

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# 6. Cleaning System

Since the introduction of the exclusive Anti-Vortex system in the A7000 Series sugarcane harvesters, Case IH has been the leader in cleaning chopped cane. This holds true for the A8000 Series sugarcane harvesters; other improvements have been made in response to customer requests and technical requirements detected in the engineering of the product.

# 6.1. Sprouter

- New sprouter mast extended to cover up to 4,000 mm of height;
- New sprouter motor with 40% more power;
- Sprout grinder (optional)



New extended mast and more powerful motor - allows for sprouting in the highest and most dense cane fields



Sprout Grinder (optional) - sprouts and hearts cut in 100 mm pieces





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# 6.2. Primary Extractor

# Features:

- Anti-Fortex System with 4 blades;
- · External hydraulic motor;
- Fan rotation controlled from the cab;
- · Heavy Duty exhaust ring (standard);
- · New support for the extractor with rectangular structure;



Primary Extractor with Anti-vortex system with 4 blades, with Heavy Duty exhaust ring



New support for the extractor with rectangular structure

# Benefits:

- Greater efficiency in cleaning, with less work involved;
- Lessened demand for power;
- Reduction in losses of loose pieces;
- Greater vibration absorption;





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# 6.3. Secondary Extractor



360 degrees Hydraulic hood rotation – excellent capacity for rejecting impurities in the soil and during transport – additional cleaning

# **Case IH Advantages**

Cleaning System – Meeting industry specifications

Cleaner raw material with greater fuel efficiency Greater load density

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# 7. Loading System

All the strength and reliability of the sugarcane harvester elevator from the A7000 Series is also provided by the A8000 Series.

- Reinforced structure;
- Perforated floor:
- Extension greeter than 300 mm (standard);
- Extension greater than 600 mm totaling 900 mm (optional);
- "Back-hoe" rotation system;
- Oil flow through tubing with 2 pipes in the upper part of the elevator;
- Protective shield working against elevator forces during transport with springs;
- Hydraulic flap;
- Electric tension adjusting system with rods;
- Back axle with increased diameter:





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Reinforced structure and increased loading capacity



Perforated floor - additional cleaning of sugarcane pins



Electric tension adjusting system with rods

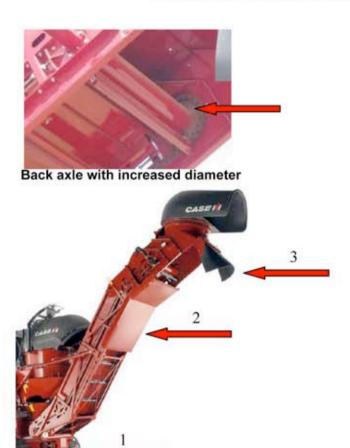




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(1) Back-hoe rotation system; (2) Protective shield with spring; (3) Flap

# Benefits:

- Increased longevity of the entire elevator structure;
- Additional cleaning through perforated elevator floor;
- Improved traffic control with flexibility in harvesting positioning transport;
- Reliable rotation system with easy maintenance;
- Greater number of connections with reduced risk of failure;
- Protective shield with increased impact absorption;
- Flap which allows an improved load conformation during transport;
- Greater precision in elevator electric tension adjustment;
- Low return index on pins within the functioning of the increased diameter of the elevator's rear axle;

# Case IH Advantages

Sturdy and Reliable Lift
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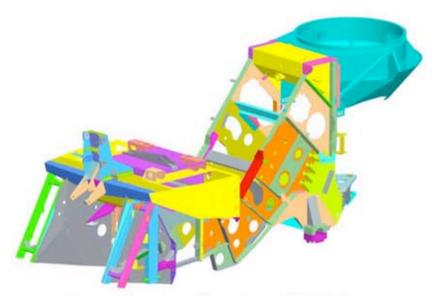
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### 8. Frame

Case IH A8000 Series sugarcane harvesters present in their structure many components from the A7000 Series, a product with more than 25 years in the market, and of which in Brazil alone over 2500 have been produced (tradition and reliability). The frame is one of these components.

# Features:

- "Long throat" frame with frontal opening of 1.1 meters;
- Reinforcement in the necessary locations through structural analysis;
- Fuel and hydraulic oil tanks integrated into the frame;



Frame - Sugarcane Harvesters - A8000 Series

# Benefits:

- Greater supply capacity;
- Reliability reflected in the more than 2500 sugarcane harvesters produced in Brazil;
- Greater harvesting stability, regardless of fuel and hydraulic oil levels;

# Case IH Advantages

Frame = Reliability (more than 2500 harvesters produced in Brazil)

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# 9. Hydraulic System

Case IH is a pioneer in introducing hydraulic systems in sugarcane harvesters and has invested in recent years in the simplification and improvement of each circuit's efficiency. The improvements introduced in the A8000 Series harvesters have as a goal the optimization of the system as well as the increase in efficiency of the product.

- Made up of 2 Parker pumps with 3 stages (for harvesting functions) and 2 Eaton pumps (for the transmission) with electronic governor;
- 303 gpm available for harvesting function circuits;
- New hose design with fewer hoses, less exposure and interference;
- New return filters with inorganic fiberglass filtering element and retention capacity of 10 microns:
- · Open circuits with parts that don't apply high pressure (harvesting functions);
- Closed circuit in parts that apply high pressure (transmission);



Hydraulic System Pump housing





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# Benefits:

- Greater distribution of increased power chopper and sprouter circuit efficient harvesting in the whatever conditions;
- Decreased incidences of failures and decreased hydraulic oil consumption;
- Greater return filtering capacity;
- Increased efficiency and system life-span;
- · Open circuits:
  - gear pumps and motors easy to maintain;
  - increased impurity tolerance;
  - decreased maintenance costs;
- Closed circuits:
  - increased pressure capacity;

# Case IH Advantages

Hydraulic System: Optimized, Efficient and Reliable

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10. Rolling Stock (A8800 - crawler)

- Reinforced crawler frame:
- Simple and double rollers;
- Lateral guides;
- Greased Heavy Duty Crawler D5M 18" (standard);
- Greased Heavy Duty Crawler D5M 16" (optional);
- Sealed and Lubricated Heavy Duty Crawler D5M 18" (optional);
- Sealed and Lubricated Heavy Duty Crawler D5M 16" (optional);
- Stability Kit;





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Rolling Stock - A8800

# Benefits:

- Easy-access rollers;
- · Greater link height;
- · Greater bushings diameter;
- Increased durability;
- · Flexibility in choice of function based on soil type and spacing;
- · Ability to harvest in areas with more declines;

# 11. New Visual Identity

In order to unify the visual identity with other Case IH products, the Series A8000 sugarcane harvester present a new image:



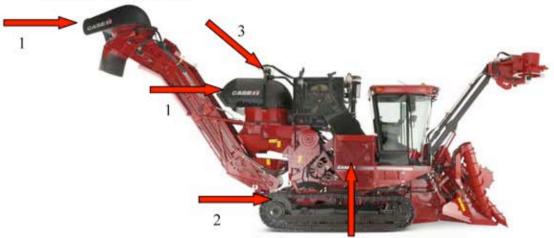


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- New extractor hood color (primary and secondary) black (1)
- Inclusion of the Case IH Brand on the extractor hoods (1);
- New color for the frame and reduction cubes black (2)
- New color for the primary extractor black (3)
- New adhesives on the frame (including the Austoft brand on the engine compartment and the pump housing) (4)



New Visual Identity - Sugarcane Harvesters - A8000 Series

### Good sales!

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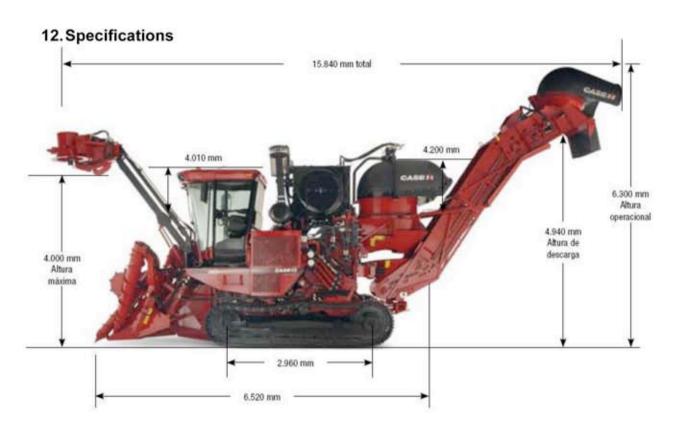




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### Engine

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Nominal/Maximum Power: 358 cv (260 kW) @ 2,100 rpm;

Cylinders: 6 in-line

Cooling: Turbo aftercooler

Cylinders: 9.0 I

Injection system: Common Rail

Alternator: 185A 12V

### Cooling Package

Cooling Package

Location: upper part of the harvester

Fixed mesh with ample room for air admission

Hydraulic fan with reversible function





# MAP

# Latin America Region

### Case IH

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### Operator Cab

- Two doors
- Air conditioned and heated
- Sear with air suspension
- Training seat
- Ergonomically positioned controls
- AFS 200 Monitor
- Engine monitoring totally integrated into the monitor
- Monitoring of all harvesting functions integrated into the monitor
- Customizable screens
- Irregularity and error messages on the monitor
- Integrated on-board computer (Data Logger)
- Emergency stop system in the absence of the operator
- Windshield wipers and cleaner
- Rear-view mirrors (2 split external mirrors)
- · Cab illumination and of the instrument panel
- Electronic direction and transmission with Joy Stick
- Multifunctional lever for the control of the following functions:
  - Base cut height
  - Tip cut on line dividers
  - Industrial action
- Fuse panel for all circuits
- · Alarm with security light
- · Giroflex (rotating security light)
- 8 halogen bulbs mounted on the cab
- Tilting cab
- Cabin pre-fitted for radio
- · Cabin pre-fitted for automatic pilot installation

### Transmission

- Hydrostatic with varying speed
- Operation: Electronic command via CAN
- Machine speed with tires: 0 to 20 km/hr
- Machine speed with crawler: 0 to 9 km/hr

#### Brakes

- Multiple disks automatic operation in loss of pressure or engine shut-off
- Manual parking brake
- Pedals in the cab with independent action (A8000)

### **Hydraulic System**

- With command Blocks
- All the oil is filtered before returning to the tank
- Hydraulic tank with lock
- In-line filters for the entire hydraulic system
- Specific filters for the second filtering or hydraulic transmission oil
- Traction blocking command (A8000)

#### Line Dividers

- Lateral auxiliary dividers
- Incline angle: 45°
- Vertical Blades
- Adjustment of incline angle: hydraulic controlled from the cab
- Height adjustment: hydraulic controlled from the cab
- Rotating pipe
- Fixed pipe: Available from Parts (DIA Kit)
- Floating skirts
- Bolted back footing

### Elevator

- Crawler function Hydraulic and Reversible
- Unload from either side or behind
- Extension: 300 mm (standard)
- Hydraulic flap;
- Protective shield working against forces from transport with springs
- · Electric tensions adjustment
- Total rotation angle: 170°
- Perforated base
- Rotation table: Back Hoe
- Width: 850mm
- Structure: Tubular
- Reinforced conveyors
- 2 halogen bulbs mounted on the elevator

# **Primary Extractor**

- Hydraulic hood rotation
- Fan diameter 1,280 mm
- Propeller mounted directly on the hydraulic motor
- Rotation: from 600 to 110 rpm
- Number of blades: 4
- · Rotation adjustment from the cab
- Exhaust ring: Heavy Duty
- Design: Antivortex





### Case IH

# April 05, 2010

### Secondary Extractor

Fixed speed

Hood rotation: Hydraulic

Rotation angle: 360°

Number of blades: 3

· Fan diameter: 940 mm

#### Point Cutter

Hydraulic Acumulator with nitrogen charge

Number of blades: 8

Separating drum: bidirectional

Height variation: 900 a 4,000 mm

Hydraulic height adjustment:

Grinder: Optional

Number of grinder blades: 34

#### Base Cutter

Legs with long, bolted conveyors

Function: Hydraulic and Reversible

Number of discs: 2 (unmounted)

Number of blades per disc: 5 (replaceable)

Distance between disc centers: 630 mm

Automatic Control of the Cut base height –

Auto Tracker: Standard

#### Lateral Cut Disc

 Hydraulic height adjustment controlled from the cab

Triangular blade knurled in hardened steel

Number of Blades: 8

### Chopper

· Number of blades per roll: 4

Drum diameter: 380 mm

· Rubber pickers: Standard

Adjustable deflecting sheets

Hydraulic and Reversible

Blade length: 65 mm (replaceable)

Thowl pin adjusted from the cab

### Tires

Front: 400/60 x 15.5 - 14 pads

Rear: 23.5 x 25 - 12 pads

### Crawlers

Current type: Greased

Footing with agricultural design

Footing length: 457 mm (18")

Guides: Heavy Duty

### Lift Roll

Hydraulic and Reversible

 Hydraulic height adjustment controlled from the cab

Width: 1,080 mm

# Intake Roll

Hydraulic and Reversible

Enlarged conveyors

Sever conditions Kit Available from Parts

Sugar Cane Harvester Bulletin no: 01.10

Width: 1,080 mm

#### Transport Rolls

Number of intake rolls included in the lifter roll:

Hvdraulic and Reversible

Top floating rolls

Roll length: 900 mm

#### Lifter Roll

Hydraulic and Reversible

Pipe wings

Width: 900 mm

### Capacities

Fuel: 480 liters
Hydraulic Oil: 480 liters

### **Optional Features**

Sprout grinder

Base cut leg in 3 parts (fuse)

Elevator extension (900 mm top part)

Case IH AFS Guide Automatic Pilot

Crawler with greased current and 16" footing

Lubricated crawler with 18" footing

Lubricated crawler with 16" footing

Chopper with 3 blades

### Machine weight

A8000: 15,000 Kg

A8800: 18,300 Kg

