AUSTOF™
A8010 AND A8810
SUGAR CANE HARVESTERS
With a reputation for its pioneering spirit and being the benchmark in the field of sugarcane harvesting, Case IH has worked hard to improve its Austoft(TM) sugarcane harvester. Focusing on harvest quality and the profitability of its customer’s business have been the cornerstones of the improvement process. The results have been a fusion of technologies that increase mechanical availability, generating efficiency and ensuring greater productivity. With this release, Case IH now offers a full range of harvesting equipment for all types of sugarcane cultivation. In addition, the new model also comes with a variety of features that are sure to please those who are ready to rethink productivity.

MAIN BENEFITS:
- Easier operation
- Improved harvest quality
- Increased productivity

SETTING A NEW STANDARD
The Case IH A8010 and A8810 Series
AUTOFLOAT – FLOATING CROP DIVIDER (OPTIONAL)
- Better quality of harvest
- Easier operation
- Less risk of damage to crop divider components

NEW PLASTIC FUEL TANK
- 620 litres (+29% compared to previous model)
- Greater stability
- Increased productivity

NEW CAB
- 200 mm higher
- Greater comfort (seat adjustment and foot rest)
- Improved visibility

NEW REAR-VIEW MIRROR
- Better visibility

NEW MOTOR AND HOOD SLEW SYSTEM SPRINGS
- Longer life

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NEW RADIATOR WITH DRAWER SYSTEM
- Easier maintenance
- Increased capacity

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IMPROVED ENGINE BOX / PUMP MANAGEMENT
- Better access and security
- Expanded diagnostic code capacity
- Easier serviceability

SPREADER FEED ROLLERS (OPTIONAL)
- Feed roller spreaders imply that there is a choice to spread the feed millers
- Cleaner cane (depending on local condition)

LED LIGHTS
- Better night-time visibility
- Reduced operator fatigue
- Reduced maintenance costs

INNOVATIONS THAT DELIVER A BETTER HARVESTING EXPERIENCE

NEW MOTOR AND HOOD SLEW SYSTEM SPRINGS
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- Cleaner cane (depending on local condition)
OFFERING LOWER OPERATING COSTS... WITH INCREASED PERFORMANCE

LARGER FUEL TANK
620-litre capacity, i.e., 29% more than the previous model and located at the centre of the harvester, providing greater stability regardless of the level of fuel.

SMART CRUISE
Software to reduce fuel consumption and prolong engine life in addition to an optimised power curve, provides significant fuel reduction leading to reduced operating costs.

AFS ACCUTURN - SYSTEM FOR ACTUATING AND DEACTIVATING THE FUNCTIONS OF THE HARVESTER
With up to 32-configurable automatic functions to facilitate operation and reduce unnecessary fuel consumption when operating the harvester at the end of a line.

POWERFUL ADVANTAGES
Case IH FPT engines, designed by FPT Industrial and Case IH, deliver power and responsiveness for the most demanding agricultural applications.

- Lower fuel consumption
- Lower stress on hydraulic system
- Extended engine life
- Reduced operator dependence on engine rotation adjustment

FPT CURSOR 9 ENGINE
- 358 cv at 2,100 rpm
- Turbocharged
- Common Rail Electronic Injection system
- Water-cooled
- Dual Curve System
- Smart Cruise System
- Greater access to engine compartment and ease of maintenance
- Deflector plate over engine compartment to improve air flow and reduce the temperature in the turbine area
- Fuel filter and prefilter with easy access to ground level
- 205 description/information faults for diagnostic accuracy
- MAR1 approved (Tier III) since 2009, relating to emission legislation – iEGR technology (Internal Exhaust Gas Recirculation)
- New power curve optimises fuel usage (2017)

SMART CRUISE
- Software to reduce fuel consumption and prolong engine life
- With automatic, variable rotation, depending on system temperature. This ensures a lower demand for hydraulic activation of the fan motor, therefore lower fuel consumption, particularly in periods of low temperature (night and winter).

INTELLIGENT COOLING SYSTEM FAN
- With up to 32-configurable automatic functions to facilitate operation and reduce unnecessary fuel consumption when operating the harvester at the end of a line.

- Lower fuel consumption
- Lower stress on hydraulic system
- Extended engine life
- Reduced operator dependence on engine rotation adjustment
AUTO-FLOAT - CROP DIVIDER “GROUND FOLLOWING” SYSTEM (OPTIONAL)

Flattens and levels the crop depending on the amount of counter pressure that the soil exerts on the crop dividers.

AUTO TRACKER - “GROUND FOLLOWING” BASE CUTTER SYSTEM

It automatically controls the height of the cutting disc and provides a better quality of cane cutting, thus avoiding stump losses.

EVIEW - OPERATING CAMERAS WITH DISPLAY ON THE AFS PRO700+

Located on the sides of the cab roof for monitoring the elevator and under the slew table, for monitoring the work done by the basecutter before releasing the cane.

ANTIVORTEX SYSTEM - PRIMARY EXTRACTOR CLEANING SYSTEM CREATED BY CASE IH

The exclusive Antivortex system reduces vegetable impurities and cane loss and increases load density. With it, the power demanded by the primary extractor has been reduced by about 30 hp compared to a conventional system. A new structure with a rectangular profile has been developed to support the primary extractor, to increase strength and avoid cracking.

BETTER QUALITY OF HARVEST
SUPERIOR CLEANING SYSTEM AND AN ELEVATOR DEVELOPED FROM DECADES OF EXPERIENCE

1. NEW PRIMARY EXTRACTOR HOOD
   CHAIN-TENSIONING SYSTEM
   Chain-tensioning system with end springs to prevent premature chain wear or breakage. Ambitious system allows for better setting, which improves cleaning, with low incidence of billet loss and reduced power consumption.

2. SIMPLIFIED ELEVATOR CHAIN TENSIONING SYSTEM
   With only 1 nut and measuring rule, faster to adjust and greater precision.

3. SECONDARY EXTRACTOR
   360° slew for better cane distribution and to prevent it from being deposited on the transporter.

4. FLAP
   With hydraulic activation for better billet distribution in the transporter and better adjustment and use of the crate volume.

5. EXTENDED ELEVATOR (OPTIONAL)
   Measuring 900 mm, for better reach and good positioning of the transporter on the line, so that the billets are better placed in the transporter.

6. EXTRACTOR CHAMBER WEAR PLATES
   For longer life and easy replacement during maintenance.

7. ELEVATOR HULL
   Large capacity with reinforced edges for longer life.
BIN GUARD
Prevents the elevator from impact damage and the flight from contacting the transporter.

“SOFT STOP” SYSTEM
Hydraulic damping for more smoothness at the end of run and lower elevator impact.

REINFORCED SLEW TABLE
Longer life.

SCRAPER BAR
For removing sugarcane and soil build up from slew table.

ELEVATOR CHAIN DRIVE (CHAIN + FLIGHT) WITH ADJUSTABLE SPEED SYSTEM
Increases the lifespan of the wear components and improves adaptation to the conditions of the sugarcane fields.

CROSS BARS
For more ruggedness with less possibility of the elevator structure twisting.

FLOOR WITH OBLONG HOLES
Large cleaning area reduces occurrence of mineral impurities in the harvested stems.

BUILT TOUGH TO HANDLE LONG DAYS AND LONG SEASONS
All large sections of the elevator are made of strong materials, for increased durability and less downtime.
EASIER SERVICE.
SAVING TIME, IMPROVING SAFETY.

**WATER TAP**
Fed by air-conditioning condensation.

**SAFETY STAND**
For maintenance requiring a raised suspension.

**POWER POINTS**
To connect 12 V devices or a light.

**SERVICE LIGHT**
Provides lighting when servicing the front part of the harvester.

**MAGNETIC LIGHT**
With 10 metres of cable, to assist during night maintenance.

**PROTECTIVE GRILLS**
Provide safe access to the upper part of the harvester.

**NEW COOLING SYSTEM WITH INDEPENDENT RADIATOR PACKAGE**
Located in sliding drawers for ease of assembling and dismantling when necessary.

**GREASE NIPPLES AT THE FOLLOWING POINTS:**
- 2 Crop dividers
- Primary selector
- Chopper roller
- 1st roller train bearing.

**FEED ROLLERS**
With external access to the bearings (bolts on the external side of the chassis) and rubber stops, there is a 83% reduction in the time required for exchanging all bearings, i.e., from 15 to 2.5 hours.

**WATER SEPARATOR FILTER**
Located in the engine box door to enable easier maintenance.

**CHOPPER BLADE HOLDER**
With capacity for 4 blades on each side and a complete exchange of the 2 rollers.

**PROTECTIVE GRILLS**
Provide safe access to the upper part of the harvester.

**CANE REMOVAL TOOL**
To remove accumulated cane from difficult to access areas.

**FEED ROLLERS**
With external access to the bearings (bolts on the external side of the chassis) and rubber stops, there is a 83% reduction in the time required for exchanging all bearings, i.e., from 15 to 2.5 hours.

**NEW COOLING SYSTEM WITH INDEPENDENT RADIATOR PACKAGE**
Located in sliding drawers for ease of assembling and dismantling when necessary.

**FUEL FILTER POSITIONED ON THE OUTERMOST PART OF THE ENGINE COMPARTMENT**
For safer changing at ground level.

**2 ACCESS HANDLES ON BOTH SIDES OF THE ENGINE COMPARTMENT**
To facilitate and increase safety in accessing the engine compartment.

**CLASS 5 ROLLING STOCK**
(AVAILABLE ON TRACKED MODELS)
Ensures longer service interval.
When the days are long and the nights are even longer, you will come to really appreciate the industry-leading comfort and intuitive operation of the Austoft cab. Guided by input from producers and custom operators, Case IH has taken one of the cane producers largest and quietest cabs in the industry and made it even better. The redesigned Case IH cab provides the ultimate in convenience, comfort and productivity for your office in the field.

The enhanced Case IH right hand console moves with the seat to control most vital functions, with the operator’s arm in a comfortable resting position. Similar functions are grouped together and multiple settings for conditions are easily saved for future use. You can keep your eyes on the field rather than searching for knobs or buttons. In addition, all models use the state-of-the-art AFS Pro 700 display for machine functions and guidance control. The AFS® Pro 700 is compatible with all Case IH high horsepower equipment, so the operating logic and layout has consistency across Steiger, Magnum and Puma tractors and Patriot sprayers.
OPERATOR CAB
- Large glass area – high visibility
- Illumination designed for better vision during night activities
- Larger space – greater comfort
- Operator seat with cushion adjustments: height, inclination, distance and backrest
- Instructor seat
- Tilted roof for improved accessibility
- Rear narrow mirror for better peripheral view
- Improved internal lighting
- Pre-wired for sound speakers
- 8 air vents
- Sun visor and rear blind
- Illuminated control buttons

ELEVATOR SLEW PEDAL AND FOOT REST
- Easy to operate
- 170° view
- Increased operator comfort

TRANSMISSION AND DIRECTIONAL JOYSTICK
- Cruise Control – Automatic control and advance speed memorisation
- High precision
- Easy maneuvering
- Standard on A8010 model, A8810 model available on both Joystick and Steering Wheel configuration

AFS PRO700+ MONITOR
- Management-friendly technology
- Easy handling
- Operational features

AFS
IMPROVING PRODUCTIVITY WITH ADVANCED TECHNOLOGY

Easy to use, AFS® PRO700+ comes with features to increase productivity throughout the day:

- **Anti-drift**
- **AFS® AccuTurn**
- **Camera** – Operational cameras
- **Adjustable elevator chain drive speed**
- **Autopilot**

With the AFS® PRO700+ display, you benefit from added capabilities with minimal complexity. It is easy to read in daylight and adjusts for night visibility. It features a large screen in a tighter, thinner package, with more computing power in its processor. A single display provides a wealth of functionality. From your seat with just a few touches, you can view up to 6 run screens on a single monitor. In function, options such as remote valve timers and flow control, auto PTO, engine speed settings, the wheel slip alarm, calibrations and implement settings, as well as other key machine functions.

**AFS® PRO700+ MONITOR**

- Management and monitoring of up to 72 operational parameters
- Cameras integrated on Pro700+ Monitor
- Touch screen to toggle between cameras

**ANTI-DRIFT**

Automatic and gradual correction of the direction of the harvester. This system is used if a normal diversion is encountered along the path, e.g., along a slope, supercane on the sides and in winding areas. Settings can be adjusted via the monitor of the AFS PRO700+ or using the control buttons below. It can be configured with up to 10% compensation to the right or left and set from 1 to 1%. Function associated with the “AFS AccuTurn” system, inverting the direction after maneuver.

20 21
EVIEW
3 Operational cameras located at:
- Left and right side of the harvester
- Lower part of the machine

Observe operations on the AFS Pro700 monitor with configurable screens, easy interaction and switchable cameras. eView allows the operator to view the basecutter cutting quality as well as the position of the elevator on either side of the machine.

- Ease of operation
- More operational comfort
- Better quality of harvested
- Possibly reduced loss

AFS ACCUGUIDE AUTO GUIDANCE
Automatic pilot system, frees the operator from having to control the steering.

- Individualized Line projects
- Traffic control
- Lower compaction
- Better harvest planning
- Systematisation of areas
- Improved transportation logistics
- Auto-extractor
- Import and Export

AFS ACCUTURN
Maneuvering Function:

End of row:
- Reduces engine revolutions to intermediate
- Disengages the basecutter, feed roller and chopper roller
- Turns off the elevator chain drive
- Disengages topper
- Turns the primary extractor to central position
- Disengages the primary and secondary extractors
- Raises the suspension
- Resets anti-drift compensation

Start of row (one touch):
- Increased engine revolutions
- Connects the basecutter, feed rollers and chopper rollers
- Engages the elevator chain drive
- Connects the handset and reverses the release direction
- Engages the opposite side trim
- Adjusts the hood of the extractor in the opposite position
- Engages the primary and secondary extractor
- Lowers the suspension and connects the Auto-Tracker
- Re-engages anti-drift compensation
TURN NIGHT INTO DAY
Increased visibility in night operations.

LED lights can last up to 50,000 hours—20 times longer than HID lights. In other words, you may never have to replace them for the life of your equipment.

13 LED BULBS:
- 8 on the front of the cab roof
- 2 on the back of the cab roof
- 2 in the elevator outlet
- 1 for maintenance on the front panel (change of basecutter)

LIGHTING SYSTEM WITH A8800 HALOGEN LAMPS

LIGHTING SYSTEM WITH A8810 LAMPS
SPECIFICATIONS A8810 / A8010

DIMENSIONS

HD8000

- Discharge height: 6,668 mm
- Operational height: 6,300 mm
- Gauge: 2,390 mm
- Total length: 15,840 mm

HD9000

- Discharge height: 6,668 mm
- Operational height: 6,300 mm
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HD10000

- Discharge height: 6,668 mm
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HD11000

- Discharge height: 6,668 mm
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HD12000

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HD13000

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HD14000

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HD15000

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HD16000

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HD17000

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HD18000

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HD19000

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HD20000

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HD21000

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HD22000

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HD23000

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HD24000

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HD25000

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HD26000

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HD27000

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HD28000

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HD29000

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HD30000

- Discharge height: 6,668 mm
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HD31000

- Discharge height: 6,668 mm
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HD32000

- Discharge height: 6,668 mm
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HD33000

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HD34000

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HD35000

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- Gauge: 2,390 mm
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HD36000

- Discharge height: 6,668 mm
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- Gauge: 2,390 mm
- Total length: 15,840 mm
Case IH keeps more professionals in the field to keep you more productive. Our experienced dealers are happy to help manage your equipment so you can maximise your yields and bottom-line. Parts and service technicians have the expertise to assist you before, during and after the sale, while CNH Capital will customise financing solutions that work best for you and your farm. It’s an integrated equipment maximum service and financing system all in one solution.

When you buy a Case IH machine, you can be sure not only that you’re buying the best product but also that you’ve got the best dealer back-up behind you. Case IH dealers can offer advice on selecting the right machine, will ensure they deliver what you need when you need it, and will then continue to support you and your equipment with the service and spare parts support you’d expect from a name as trusted as Case IH.

Do not risk your machine’s life. Buy CNH industrial parts & service! Protect the value of your investment. Behind every Case IH product stands an extensive parts logistics organisation, stocking parts for products both old and new. Choosing to fit genuine Case IH parts will maintain the safety, value and performance of your original investment.
Safety never hurts! Always read the Operator’s Manual before working with any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided. This literature has been prepared for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends lubricants.