

SUGARCANE HARVESTER AUSTOFT 4000

CASE II
AGRICULTURE





**WHERE THERE IS ADVANCED AGRICULTURE,
THERE IS CASE IH.**

Case is a global leader in the state-of-the-art technology, performance and productivity in agricultural mechanization. Its product line is present in more than 160 markets on the five continents, offering advanced solutions from planting to harvesting.

The high performance provided by Case IH sugarcane harvesters results from over 50 years of knowledge and experience in the sector, making it the leader in production and sales of equipment for mechanized sugarcane harvesting.



INNOVATION WITHOUT LIMITS. A REGISTERED TRADEMARK OF CASE IH.

Case IH. Committed to the evolution of the global sugar/alcohol sector.

This time Case IH launches a new category in sugarcane harvesting: the Austoft 4000 is here.

It is a compact harvester designed especially to make it possible to streamline the harvesting process in sugarcane fields that use reduced row spacings from 1.0 and 1.1 meters.





BETTER CUTTING QUALITY AND LONGER STOOE LIFE IN THE SUGARCANE FIELD.

The Austoft 4000 Sugarcane Harvester represents once again the pioneering spirit of Case IH. Working in row spacings from 1.0 and 1.1 meters this harvester is narrow enough to harvest one row without compacting the root zone of the adjacent cane row. It is compact, light, has excellent maneuverability and an excellent base cut resulting in reduced cane loss and increased productivity in subsequent ratoon crops. The Austoft 4000 is designed to harvest crops up to 85 tons per hectare.



MORE VERSATILITY WITH THE AUSTOFT 4000 SUGARCANE HARVESTER.

Designed for maximum performance, the Austoft 4000 demonstrates its versatility by harvesting both in sugarcane fields with reduced spacings of 1.0 and 1.1 meters as well as in sugarcane fields with wider row spacings up to 1.5 meters. By harvesting in all of these row spacings, the Austoft 4000 becomes a superb option for those cane growers who need or wish to start harvesting mechanically, or for big plantation areas where the Austoft 4000 can harvest short rows and or low productivity soils, freeing the bigger volume harvesters like the Austoft 8000 series, in order to harvest to their full daily harvest capacity. This represents a significant gain in machine productivity.

FIND OUT MORE ABOUT THE AUSTOFT 4000.





FEEDING SYSTEM.....

- Crop Dividers
- Knockdown Roller
- Basecutter
- Buttlifter Roller
- Chopper
- Feed Rollers
- Chopper Drums
- Primary Extractor



CLEANING SYSTEM.....

- Topper
- Extractor



UNLOADING SYSTEM.....

- Slew Table
- Boot
- Elevator
- Flap

- 1 Topper:** cuts off the sugarcane's tops and leaf and spreads them out on the field in a uniform fashion.
- 2 Crop Dividers:** lifts and separates the row of sugarcane that is being harvested from the adjacent rows.
- 3 Knockdown roller:** guides and inclines the bundle of sugarcane to be cut, facilitating the base cutting operation and feeding the machine
- 4 Feedroller (finned):** helps feed the bundle of sugarcane for base cut.

- 5 Basecutter:** cuts the sugarcane at ground level and carries the bundle of sugarcane to the buttlifter roller.
- 6 Butt lifter roller:** lifts the bundle of sugarcane cut by the basecutter and guides it into the machine to the feed rollers.
- 7 Feed Rollers:** transports and horizontally feeds the cane stalks to the chopper drums.
- 8 Chopper Drums:** cuts the sugarcane and sends the billets to the extractor chamber.
- 9 Extractor:** cleans the billets, removes the trash and other impurities

- 10 Elevator Table:** slews the elevator for unloading to either side.
- 11 Elevator Bowl:** receives the sugarcane billets coming out of the chopper and feeds the elevator chain.
- 12 Elevator:** carries the billets by a chain and flights for unloading. It has a perforated floor to allow dirt and impurities to be removed. Optional bolt in extension 750 mm.
- 13 Bin flap:** directs and improves the distribution of the billets being loaded into the infield transport, increasing load density.

FLEXIBILITY, RELIABILITY AND COMFORT.



EXCELLENT COST-BENEFIT.

The Austoft 4000 is smaller in size compared to the conventional models, and is easy to move between cane fields. The Austoft 4000 was designed with the same functional concept as the A7000 Series harvesters. Because of this, many of its parts are interchangeable with other models of Case IH sugarcane harvesters. This characteristic significantly increases the machine's cost-benefit.



EASY & FAST TO SERVICE.

The Austoft 4000 was designed to make maintenance simple. The engine, hydraulic system, and industrial components are easily accessible, streamlining the machine preventive maintenance, increasing the machine's availability.



COMFORT FOR THE OPERATOR.

For greater productivity, the Austoft 4000 has operator comfort, good visibility, and operational ease for the operator. The controls are ergonomically positioned to ensure convenience and functionality for the operator during the long working hours.



WORLDWIDE, AN ADVANCED SYSTEM FOR ENSURING HIGH PERFORMANCE OF THE AGRIBUSINESS.

All over the world, agribusinessmen can count on Case IH for technological innovations, advanced solutions and professional technical support. Whether your core business is the sugar or the alcohol production, Case IH is always ready to provide you not only with the best cane harvesting technology and dependability, but also with a worldwide network of dealers, parts depots and service workshops, all working together to increase your profitability and assure your peace of mind.

SPECIALIZED PLANT.

Built in the Piracicaba Case IH plant in Brazil, along with Case IH range of planters and sprayers, and known as the super machines of the sugarcane fields, Case IH sugarcane harvesters lead the world, delivering versatility, performance and reliability to those who demand more.



CASE IH ADVANCED SUPPORT.

Case IH has an after-sales superstructure with specialized technical assistance and logistics centers for giving support to the client. For a fast and precise customer service experience, dealers and factories exchange technical experiences through Asist, an exclusive program via Internet.



MAINTAIN THE PRODUCTIVITY OF YOUR INVESTMENT.

Case IH and its dedicated dealer network provide excellent support when you take delivery of your new machine and whilst it remains in your ownership. On the farm, you can rely on trained service professionals to maintain the productivity of your investment.



DEFEND YOUR WORK, INVESTMENT AND EQUIPMENT. ALWAYS CHOOSE CNH INDUSTRIAL GENUINE PARTS.

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.



AUSTOFT 4000

Engine		Basecutter	
Make	Cummins	Drive	Hydraulic and reversible
Series	6B	Number of discs	2, identical and reversible
Power (hp)	176	Number of blades	8, removable
Cylinder volume (l)	5.88	Distance between center of discs (mm)	495
Number of Cylinders	6	Feed rollers	
Aspiration	Turbo/Aftercooler	Number of rollers	11
Transmission		Number of rollers on the roller train	8
Type	Hydrostatic	Drive	Hydraulic and reversible
Travel speed (Km/h)	16	Upper rollers	Floating
Capacity		Chopper	
Fuel tank (l)	210	Number of knives per drum	2
Hydraulic oil tank (l)	130	Deflector plate	Adjustable
Tyres		Knockdown roller	
Front	8-ply 10.5 x 16	Height	Adjustable
Rear	14.9 x 28 R-1 10-ply	Angle (°)	51
Topper		Extractor	
Height variation (mm)	1,050 to 3,000	Number of blades	3
Height adjustment	Hydraulic	Hood	Directional
Crop dividers		Elevator	
Distance between the points (mm)	1,100	Drive	Hydraulic and reversible
Spiral angle (°)	30	Slewing angle (°)	170
Height adjustment	Hydraulic	Optional extension (mm)	750 mm
Lower section	Hardened	Weight (kg)	8,000

FACTORY-FITTED ITEMS

- Air-conditioned cab with 2 doors
- Windshield wipers
- 2 Rear view mirrors
- Dash board lighting
- Tachometer and hour meter of the engine
- Fuel level gauge
- Engine oil pressure indicator
- Temperature indicators of the hydraulic oil and engine water
- Battery voltage indicator
- Indicator of hydraulic pressure at base cutter and chopper
- Safety relays
- Safety brake
- Gyroflex
- Quartz halogen headlights mounted on the cab.



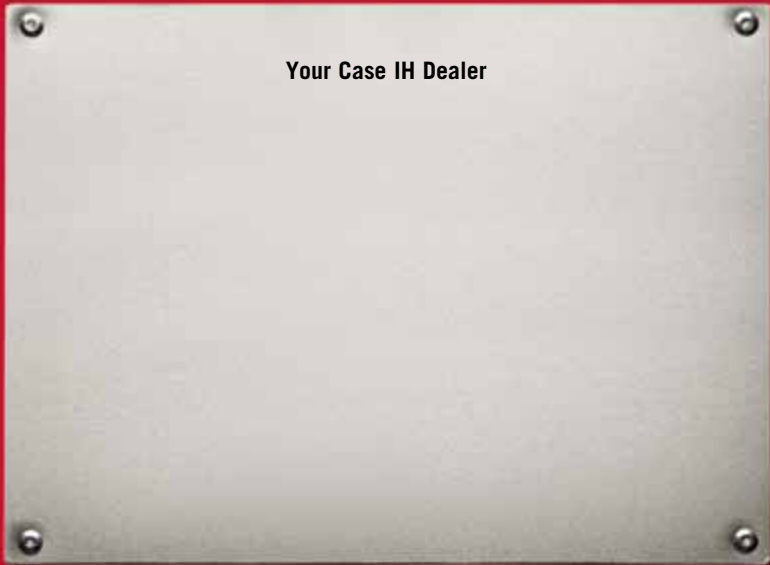
! Safety never hurts! Always read the Operator's Manual before working with any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided. This literature has been published for worldwide circulation. The 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 **AKCELA** lubricants

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The logo features the text "CASE IH" in a bold, black, sans-serif font. The "I" and "H" are stylized with three vertical bars of increasing height. Below this, the word "AGRICULTURE" is written in a smaller, black, sans-serif font, positioned above a red horizontal bar that spans the width of the text.

CASE IH
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A rectangular metal plate with four screws at the corners. The text "Your Case IH Dealer" is centered on the plate.

Your Case IH Dealer