# AUSTOFT®

sugarcane harvesters 4000 SERIES

Alterate





## FIND OUT MORE **ABOUT THE AUSTOFT 4000**

#### **TOPPING SYSTEM:**

**1 Topper:** cuts off the sugarcane's tops and leaf and spreads them out on the field in a uniform fashion.

4000 \_\_\_\_\_CASE!

### **FEEDING SYSTEM:**

**2 Crop Dividers:** lifts and separates the row of sugarcane that is being harvested from the adjacent rows.

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- **3 Knockdown roller:** guides and inclines the bundle of sugarcane to be cut, facilitating the base cutting operation and feeding the machine.
- **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.

### FEEDING SYSTEM:

7 Feed Rollers: transports and horizontally feeds the cane stalks to the chopper drums.

#### ANTIVORTEX CLEANING SYSTEM:

CASE

9 Extractor: cleans the billets. removes the trash and other impurities.

#### CHOPPING SYSTEM:

<sup>8</sup> **Chopper Drums:** cuts the sugarcane and sends the billets to the extractor chamber.

#### **UNLOADING SYSTEM:**

- **10 Elevator Table:** slews the elevator for unloading to either side.
- **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.

MODEL	AUSTOFT 4000
ENGINE	
Manufacturer	Cummins
Emission level	Tier III
Power (hp/kw)	174 / 128
Displacement (I)	5.9
Air intake	Turbo / Intercooler
TRANSMISSION	
Туре	Hydrostatic
Travel speed (Km/h)	16
CAPACITY	
Fuel tank (I)	210
Hydraulic oil tank (I)	130
TYRES	
Front	10.5 x 16 10-ply
Rear	16.9 x 28 R-1 10-ply
TOPPER	
Height variation (mm)	1,050 to 3,000
optional extension (mm)	500
Height adjustment	Hydraulic
CROP DIVIDERS	
Distance between the points (mm)	1,100
Spiral angle (°)	30
Height adjustment	Hydraulic
Lower section	Hardened
BASECUTTER	
Drive	Hydraulic and reversible
Number of discs	2, identical and reversible
Number of blades	8, removable
Number of blades Distance between center of discs (mm)	
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#### AUSTOFT 4000 - 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 coolant	
Battery voltage indicator	
Indicator of hydraulic pressure at base cutter and chopper	
Safety relays	
Safety brake	
Gyroflex	
Quartz halogen headlights mounted on the cab	
USB charging port	
Low engine fuel level warning	
Traffic lighting	
Wind Screen protector	
Elevator cane flap	



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SAFETY NEVER HURTSI<sup>TM</sup> Always read the Operator's Manual before operating 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.

Printed in Italy - Cod.No. 24MEACOMAUS001

