

AUSTOFT®

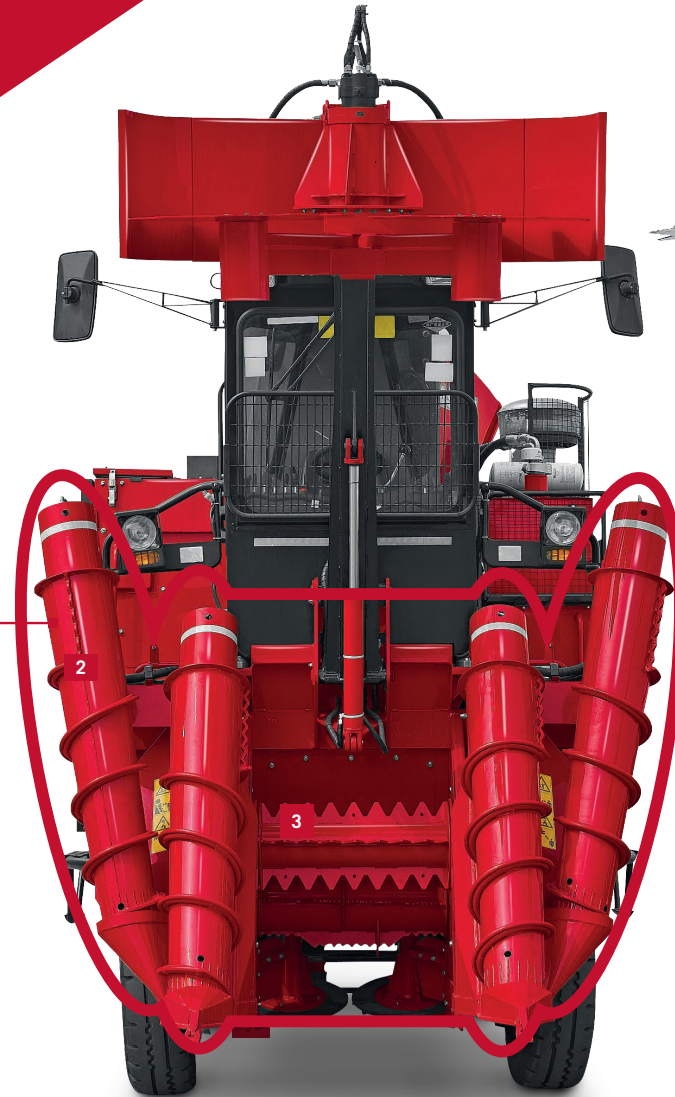
SUGARCANE HARVESTERS
4000 SERIES



FIND OUT MORE ABOUT THE AUSTOFT 4000

FEEDING SYSTEM:

- 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.



TOPPING SYSTEM:

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



FEEDING SYSTEM:

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



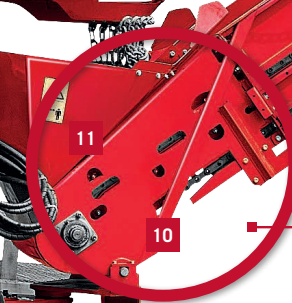
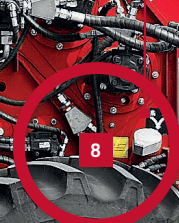
ANTIVORTEX CLEANING SYSTEM:

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



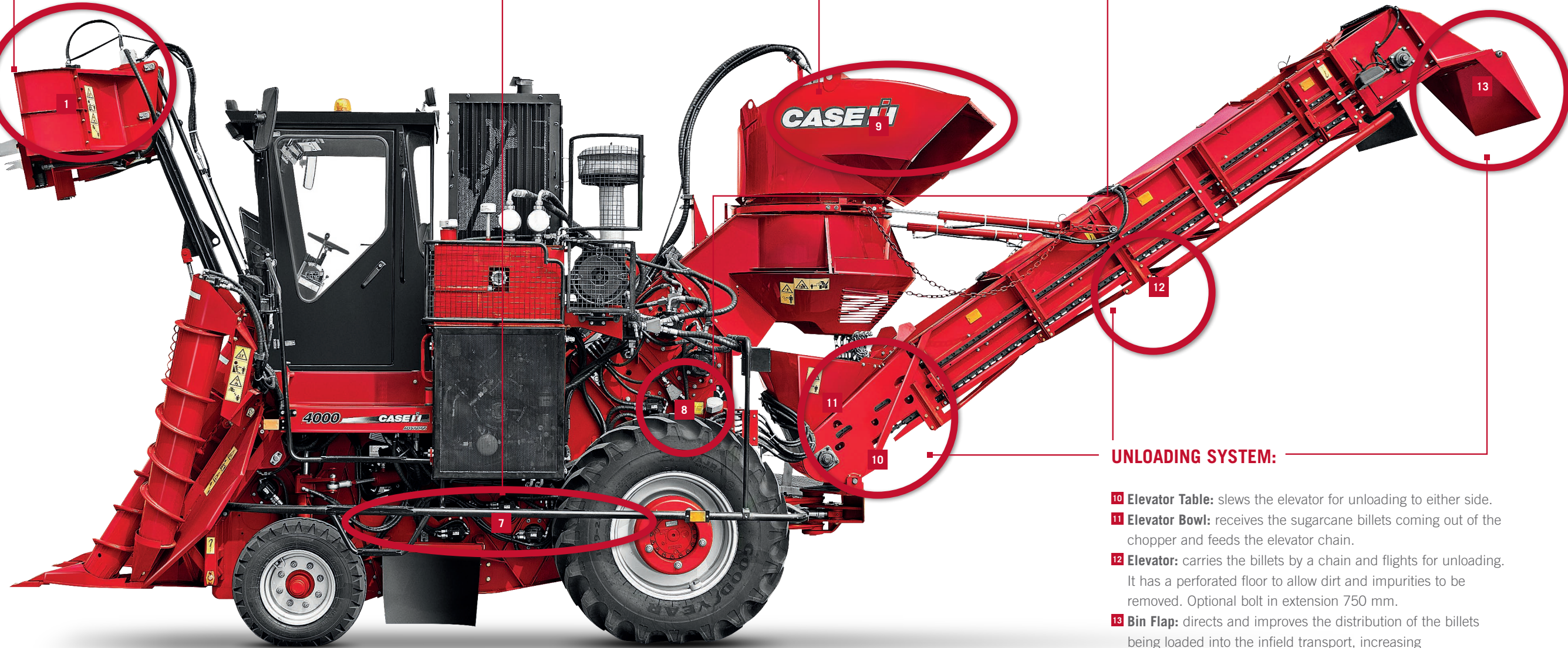
CHOPPING SYSTEM:

- 8 Chopper Drums:** cuts the sugarcane and sends the billets to the extractor chamber.



UNLOADING SYSTEM:

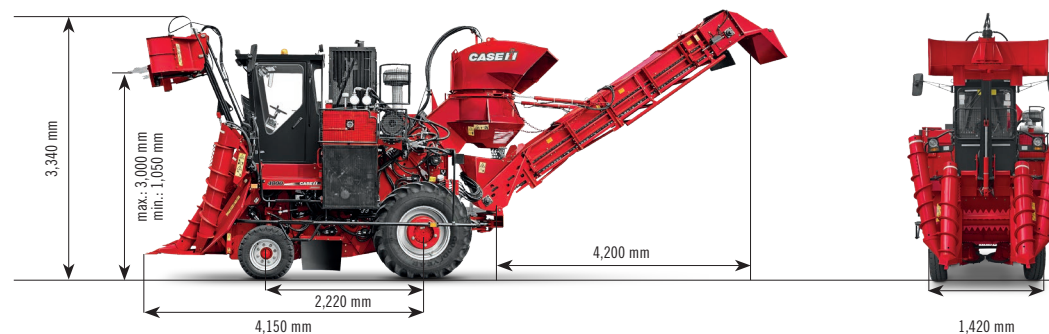
- 10 Elevator Table:** slews the elevator for unloading to either side.
- 11 Elevator Bowl:** receives the sugarcane billets coming out of the chopper and feeds the elevator chain. It has a perforated floor to allow dirt and impurities to be removed. Optional bolt in extension 750 mm.
- 12 Elevator:** 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 (l)	5.9
Air intake	Turbo / Intercooler
TRANSMISSION	
Type	Hydrostatic
Travel speed (Km/h)	16
CAPACITY	
Fuel tank (l)	210
Hydraulic oil tank (l)	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
Distance between center of discs (mm)	495
FEED ROLLERS	
Number of rollers	11
Number of rollers on the roller train	8
Drive	Hydraulic and reversible
Upper rollers	Floating
CHOPPER	
Number of blades per drum	3
Deflector plate	Adjustable
KNOCKDOWN ROLLER	
Height	Adjustable
Angle (°)	51
EXTRACTOR	
Number of blades	4
Maximum speed	1,400+ / -50 rpm
Hood	Directional
ELEVATOR	
Drive	Hydraulic and reversible
Slewing angle (°)	170
Optional extension (mm)	750 mm
Weight (kg)	8,000 kg

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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