



*Advancing for a
better tomorrow*

2019 SOUTH EAST ASIA SUGARCANE SUMMIT

JULY 7-10, 2019 | KHAO YAI, THAILAND

75 AUSTOFT
years

CASE IH
AGRICULTURE



*Advancing for a
better tomorrow*

Achieving Harvest Excellent with Case IH

Michele Monzio

75 AUSTOFT
years

CASE IH
AGRICULTURE

Austoft Sugarcane Harvester Line-up

Product Upgrades – New features

Austoft 4000



Type	Single-Row
Propulsion	Wheels
Row spacing	> 1.2m
Engine HP	168-172
Throat Width	0.8
Working Width	1.100

Austoft 8010



Type	Single-Row
Propulsion	Wheels
Row spacing	> 1.4m
Engine HP	358
Throat Width	1.08m
Working Width	1.8m

Austoft 8810



Type	Single-Row
Propulsion	Tracks
Row spacing	> 1.4m
Engine HP	358
Throat Width	1.08m
Working Width	1.8m

Austoft 8810 DA



Type	Multiple-Row
Propulsion	Tracks
Row spacing	2 plants no more than 0.9m apart
Engine HP	358
Throat Width	1.37m
Working Width	2.00m

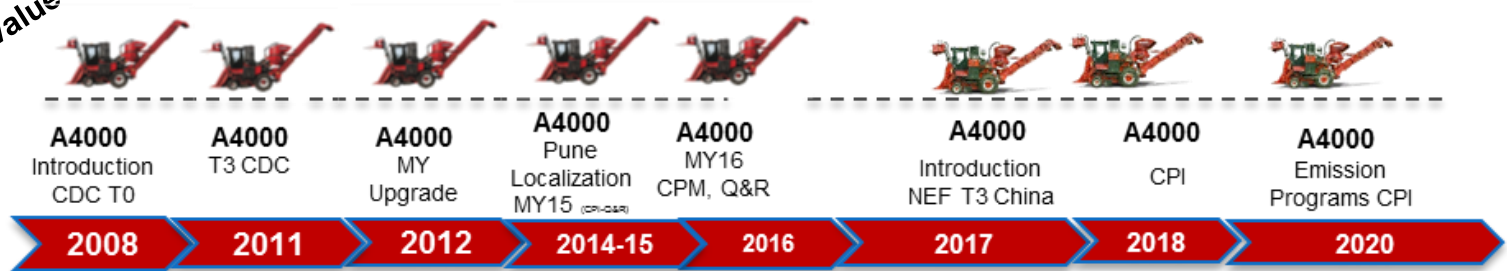
Austoft 8810 MR



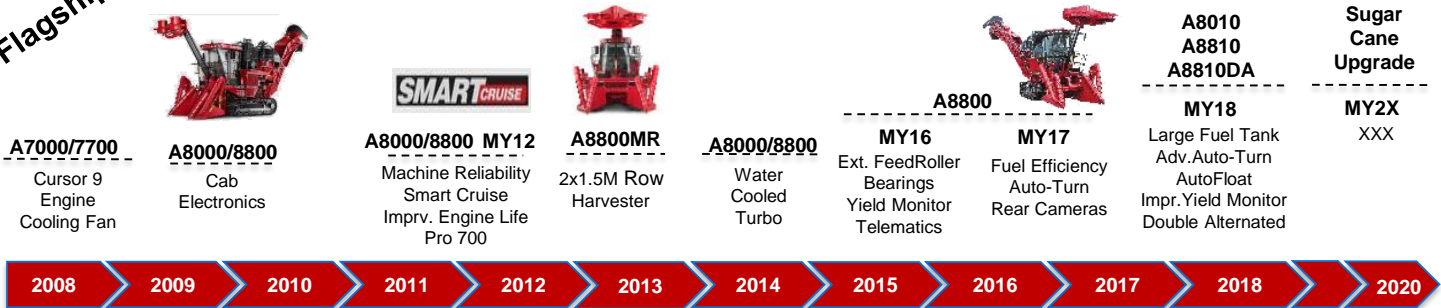
Type	Multiple-Row
Propulsion	Tracks
Row spacing	2 plants no more than 1.5m apart
Engine HP	358
Throat Width	1.08m
Working Width	1.9 – 2.65m

Austoft 4000 & 8000 Line-Up evolution

Austoft 4000 Value Line



Austoft 8000 Flagship



Austoft 4000 Continuous Development

2016



2017



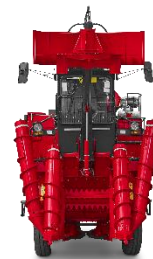
2018



2019



20XX



Future
development

20 improvements

- Reduced maintenance costs
- Increased uptime
- Improved harvest quality
- New features

13 improvements

- Improved engine cooling
- Improved cleaning system
- New features for improved reliability
- New features that provide improved harvesting & operator comfort

4 improvements

1 new engine

- Improved cleaning system
- Improved operator environment

Austoft 4000 MY16

Product Upgrades – New features & Technical Improvements

1. CLEANING CHAMBER: *Improved cleaning chamber & Additional wear plates*

- **Primary extractor Vents and Deflector plates:** Better cleaning efficiency: up to 50% reduction of EM (depending on field and crop condition). Better airflow, improved outflow of trash from the extractor hood.

2. BUTTLIFT ROLLER OPEN SLAT:

- **3-slat Buttlift roller:** The “open” butt roller increase the amount of dirt dropped at the butt roller before the cane enters the feed rollers,



Austoft 4000 MY16

Product Upgrades – New features & Technical Improvements

1. CHASSIS: *Strengthened chassis*

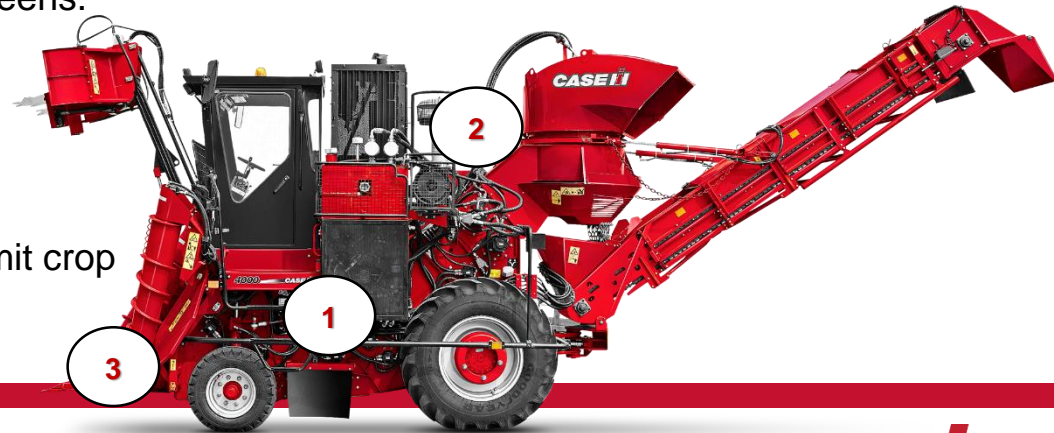
- Strengthening plates added to chassis at the feed roller mountings to improve reliability.

2. AIR INLET ASSEMBLY: *Birdcage assy.*

- Rubber seal introduced.
- Additional fixing points on birdcage screens.
- Handles on screens doors provided for easy maintenance

3. CROP DIVIDERS: *Mechanical stoppers*

- Addition of stoppers on the chassis to limit crop divider travel



Austoft 4000 MY16

Product Upgrades – New features & Technical Improvements

4. FUEL FILTER CIRCUIT: *Improved accessibility and lines routing*

- New fuel filter location and improved lines routing

5. ENGINE BOX: *Added seal protection.*

- Additional Rubber Seal Protection.
- Doors fitted with metal protective strips: closer plates added around door seal area to protect door seal.

6. CABIN: *Improved AC system*

- AC Compressor cycling rate & components



Austoft 4000 MY16

Product Upgrades – New features & Technical Improvements

7. ELEVATOR HOSES: *Improved routing of hydraulic hoses.*

- Additional U clamps on elevator bowl increase hose support.
- Reduce the length of elevator bearing bolts, to prevent damage.
- Reposition hose mounting clamps

8. ELEVATOR BIN GUARD: *Improved guard design for better protection of elevator.*

- Extend the lower section of the bin guard

9. TOPPER: *Additional topper gathering disc guard.*

- Additional topper Guards



Austoft 4000 MY18

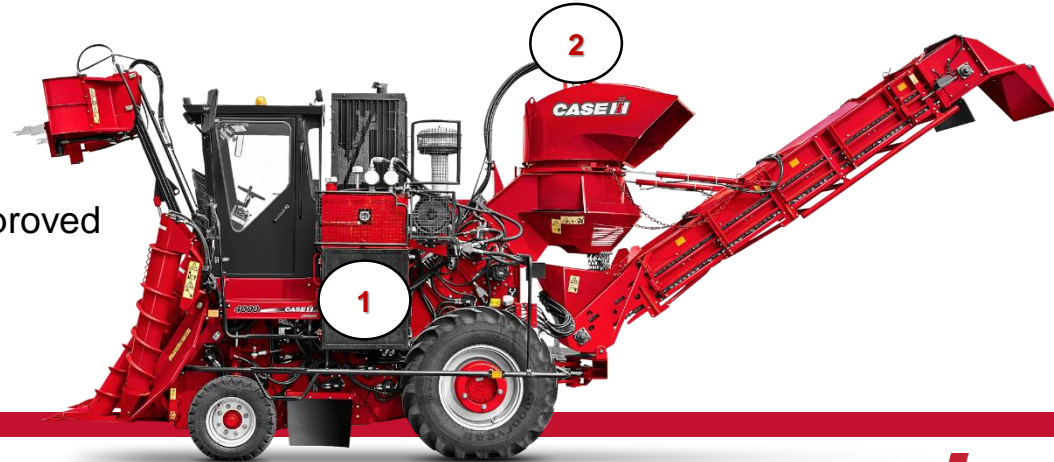
Product Upgrades – New features & Technical Improvements

1. **COOLING:** *improved engine cooling .*

- Larger Radiator (11% increase in Engine radiator size)
- Larger charge air cooler (100% increase in charge air cooler volume)
- Dual speed engine fan (reduced noise & fuel consumption during on-highway travel)
- Optional reversible fan (Easier cleaning of radiators)

2. **High speed Extractor Motor:** *improved cleaning capacity.*

- Fan rpm increased to 2200rpm for improved cleaning of trash from the cane
- Variable extractor fan adjustment



Austoft 4000 MY18

Product Upgrades – New features & Technical Improvements

3. WINDSCREEN PROTECTION:

- A metal mesh guard has been designed which protects the windshield glass from canes

4. BASECUTTER LEGS: *Redesigned.*

- Increased strength of the vertical feed slat / seal protector.

5. LIGHTS: *Improved protection*

- Cover has been added to the rear lights to protect the rear light from damages



Austoft 4000 MY18

Product Upgrades – New features & Technical Improvements

6. **ELEVATOR CANE FLAP:** *Reduced spillage*

- To prevent cane billets losses due to recirculation, a rubber flap has been fitted to the elevator

7. **REAR WHEELS:** *Improved stability*

- The rear wheel size has been increased from 14.9 X 28 to 16.9 X 28.

8. **TOPPER:** *Taller erected crop topping*

- Optional 500 mm topper extension

9. **CAB:** *USB Charging port*



Austoft 4000 MY19

Product Upgrades – New features & Technical Improvements

1. CLEANING SYSTEM : *Improved cleanness*

- **ANTIVORTEX** cleaning system – New 4 blades Extractor Fan. **Increases cleaning efficiency at reduced RPM**
 - Up to 2% Reduction in fuel consumption per Hour
 - Up to 1% Improvement in Trash Removal
 - Up to 1% Improvement in removal of Impurity
 - Up to 45 % Reduction in vibrations
 - Up to 45% Increase in Fan Blade Life

2. eVIEW operating rear cameras: *Rear camera Kit*

- 1 monitor, 2 cameras (Optional kit)



Austoft 8000 Continuous Development

2016



2017



2018



20XX



42 improvements

- Improved durability of components
- Reduced maintenance costs
- Increased uptime



32 improvements

- Improved ease of operation
- Reduced fuel consumption
- Improved harvest quality
- Improved durability of components



29 improvements

- Improved productivity
- Improved harvest quality
- Reduced operating costs



**Future
development**

Austoft 8000 MY18

Product Upgrades – New features & Technical Improvements

1. New Cabin

- Improved Operator Comfort.
- Operator position 200mm higher
- Adjustable angle of Operators Seat
- Foot rests
- Improved Windscreen Wiper
- Cool box (optional)

LED Lighting

- Improved nighttime visibility (3x more)

New Review Mirrors

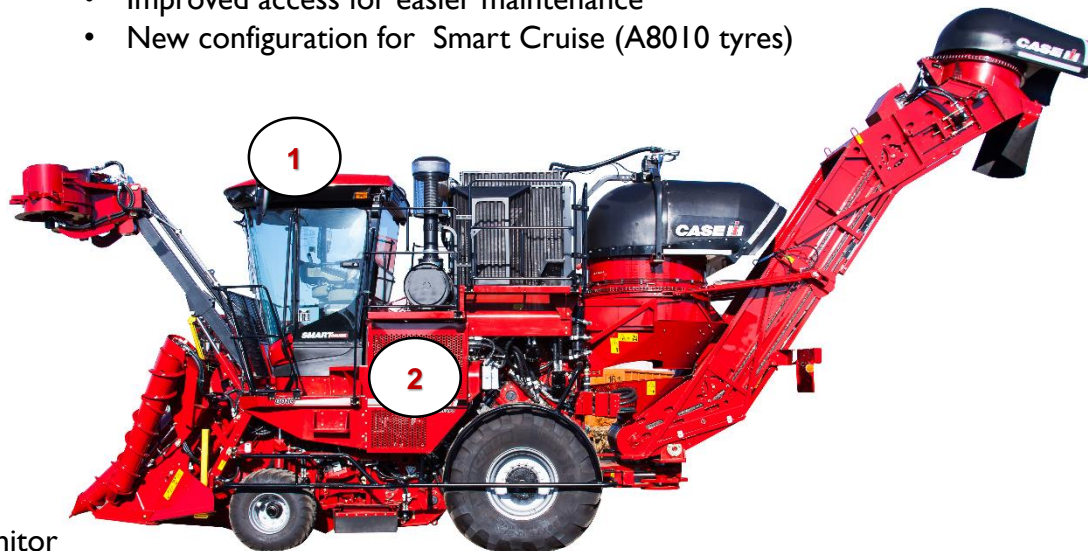
- Improved Visibility
- Telescopically adjustable

Cameras

- Both sides to the rear and basecutter cut
- Comfortable and easy operation
- Images integral on the AFS PRO700+ Monitor

2. Engine and pump box improvements

- Improved description of maintenance alerts
- Extra transmission test points
- Improved access for easier maintenance
- New configuration for Smart Cruise (A8010 tyres)



Austoft 8000 MY18

Product Upgrades – New features & Technical Improvements

4. Autofloat (Optional)

- Improved quality of harvest
- Reduced wear on crop divider components

5. New fuel tank, Plastic construction.

- 620 liters (increased operation)
- Easier to maintain
- Constant Stability

6. Feed roller flights (optional)

- Improved cleaning and chopper blade life

7. New chain tensioning system

- Reduced time to adjust chain
- Increased adjustment and easier adjustment



Austoft 8000 MY18

Product Upgrades – New features & Technical Improvements

8. Adjustable elevator chain speed

- 3 speeds
- Better suited to harvest conditions

9. Optimized engine power curve

- Improved fuel consumption (up to 1.5%)

10. Primary extractor hood with improved design

- Guarantee maximum cleaning



Austoft 8000 MY18

Product Upgrades – New features & Technical Improvements

11. Intelligent radiator fan

- Automatic fan speed
- Reduced fuel consumption.

13. AutoTurn function (tracked)

Automatic stopping, reversing and restarting of harvest functions.

- Comfortable and easy operation
- Reduced fuel consumption

12. Anti Drift (steering correction)

- Easy and comfortable operation
- 10% adjustment each side in 1% steps

