

AUSTOFT 9900 SERIES

CANE HARVESTERS



AUSTOFT 9900 SERIES CANE HARVESTERS

CASE IH

CASE IH



AUSTOFT 9900 SERIES CANE HARVESTERS

The legacy of a name reaches state of the art performance. The Case IH Austoft 9900 series takes mechanized sugarcane harvesting to a new level. More powerful engine, intelligent hydraulic system and other innovations provide greater harvesting capacity at a lower operating cost.

These updates to the Case IH Austoft sugarcane harvesters are the result of a large investment in development and more than 30,000 hours of field and bench testing, further improving machine reliability and delivering major reductions in total cost of ownership.



SCAN THE QR CODE
TO LEARN MORE

“A big factor in measuring the quality of the cane is a number called fibraque. Since we started running the 9900, the number dropped almost a point, which is about an 18% increase in quality, which is a big deal.”

Bubba Lemann, Palo Alto Plantation, Donaldsonville, LA



AUSTOFT 9900 SERIES CANE HARVESTERS

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FIELDS AHEAD OF THE REST

The Austoft 9000 series cane harvesters are designed to work efficiently while keeping operating costs low.

HIGH PRODUCTIVITY

- FPT Cursor 11 engine 420 hp
- Optimized hydraulic system

LOW OPERATION COST

- Working with 1,600 rpm engine
- Intelligent piston pumps

EASY MAINTENANCE

- Easy access on maintenance components
- Modular bolted chassis
- +30,000 hours of field bench testing



C POWERTRAIN

- Lower fuel consumption
- Longer engine life
- Increased engine power

B OPERATION CAB

- Best-in-class visibility
- Improved ergonomics
- Intuitive layout of commands

A FRONT CHASSIS

- Stronger – longer service life
- Easier serviceability
- Better stability (front suspension cylinder)

D NEW AIR CIRCUIT

- Components maintain air quality inside the engine
- 45% savings on air filter replacements

E COOLING SYSTEM

- Improved reliability
- Better cooling performance
- Easier service



F HARVESTING SYSTEM

- Feed rate control – feeding automation
- Higher harvesting capacity
- Better efficiency

G ELEVATOR

- Lighter
- Higher transport capacity
- Better serviceability

H REAR CHASSIS

- Stronger – longer service life
- Non-structural bolted hydraulic tanks



CASE IH FIELDOPS™

- View machine data remotely
- Analyze agronomic data and field conditions
- Transfer setup files directly to the Pro 700 Plus display





FEEDRATE CONTROL

ADJUST TO CHANGING CONDITIONS

The Austoft 9000 Series has a variable hydraulic flow combined with automatic controls that adjust harvesting functions based on operating conditions. It optimizes fuel consumption, prevents “choking” and automatically acts on two levels.

LEVEL 1: Increases rpm of harvest functions based on base cutter and chopper rollers pressures.

LEVEL 2: If increasing the rpm of the harvesting functions is not sufficient to reduce base cutter and chopper pressures, the ground speed is automatically reduced.

- When base cutter and chopper roller pressures return to normal levels, ground speed automatically increases to the previous setting on cruise control.

EFFECTIVE IN THE HARSHTEST CONDITIONS

- The front feed roller has larger fins to provide greater efficiency in guiding and feeding the sugarcane stalks to the basecutter.
- The Auto Tracker, automatic base cutter height control (factory-fitted) senses base cutter pressure and height to ensure uniform cutting with reduced losses and stool damage.
- The feed roller motors have fewer hoses, to make maintenance easier. Featuring the powerful Extreme Chopper for faster harvesting in plant cane, even in high productivity areas.

DELIVERING A HIGHER-QUALITY CANE

ADDITIONAL FEEDING SYSTEM FEATURES

- Side trim knife with optional hydraulic height adjustment.
- Crop dividers with optional hydraulic tilt.
- New floating sidewall design minimizes losses when harvesting single rows and improves cane stalk feeding (Florida option only).
- Optional Open Buttlifter reduces the entry of mineral impurities inside the harvester.
- Feed rollers:
 - top floating: able to feed high stalk volumes
 - fewer hoses: easy maintenance
- Extreme Chopper – more power and capacity when harvesting in high productivity areas.

REDUCE IMPURITIES AND CANE LOSS

- The topper is equipped with an extended mast that allows cutting of the tops in the tallest sugarcane crops. Its 40% more powerful motor increases productivity in high yield areas.
- The exclusive Antivortex system reduces trash 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 the conventional system.
- A new structure with a rectangular profile has been developed to support the primary extractor, that is, to increase strength and avoid cracking.
- The secondary extractor, with a 360° turning angle, allows the hood to be directed in any position and allows trash to be thrown away from the transport.





OPERATOR COMFORT AND SAFETY

OPERATOR-FRIENDLY DESIGN

- The 9000 Series has a fully functional, operator-friendly design to facilitate maintenance.
- The cab and roof are hinged and easy to raise.
- New windshield protector can also be used as a platform to allow access to the cab front.
- The cab is wired for radio, CD/MP3 Player and several USB ports.

NEW WINDSHIELD PROTECTION

- It is foldable and transforms into a platform that allows access to the front of the cabin for cleaning and maintenance.

JOYSTICK

- An advantage of controlling the transmission and electronic steering with the joystick is the high precision obtained by the optional automatic pilot, as communication takes place through modules ("automatic pilot" module and the "transmission and steering" module).
- All units are Case IH AccuGuide ready, allowing for the optional installation of GPS guidance.

PRO 700 PLUS DISPLAY

- The Pro 700 Plus has a 20% larger 12-inch display with anti-fingerprint coating, larger storage capacity, and a faster processor than the Pro 700.
- The Pro 700 Plus has the same intuitive interface as the Pro 700 with enhanced tech power to allow operators to run multiple machine functions at the same time.
- The Pro 700 Plus makes diagnostics and resolution more efficient by quickly alerting the operator to fault codes and machine irregularities.



CONSOLE AND MULTIFUNCTION HANDREST

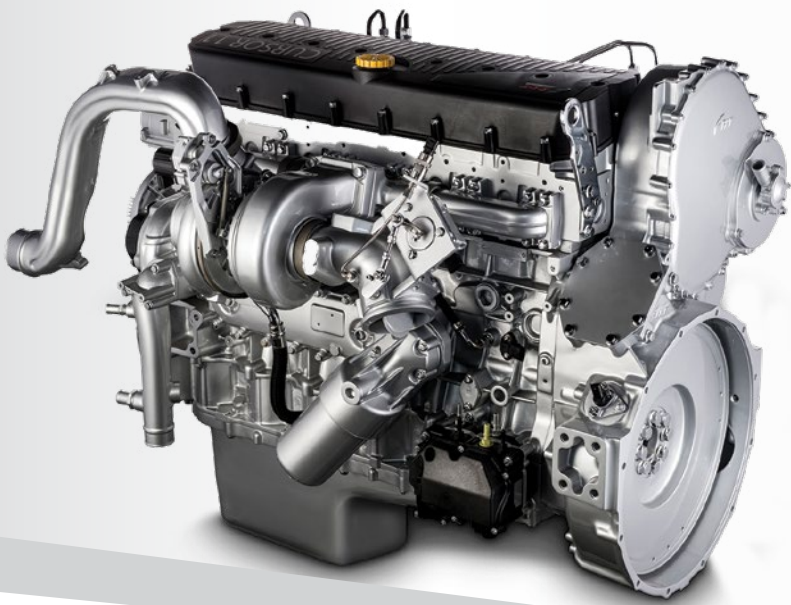
- The right-hand side console is ergonomically positioned, has buttons to activate all harvesting functions and enables monitor navigation.
- Its multi-function lever enables easy activation of the suspension, the crop dividers and the automatic base cutter control (Auto Tracker), among other functions.

NEW AUTO TRACKER

- Controls the height of the base cutter, based on a reference pressure and the position of the suspension cylinder. The nitrogen cylinder was replaced by a position cylinder at the rear of the machine, reducing maintenance costs.

NEW "EXIT LIGHTS" SYSTEM

- By placing the key in the "off" position, the lights remain turned "on" for 90 seconds, allowing the operator to exit the cab with more safety.



SMART CRUISE ENGINE

INTELLIGENT SMART CRUISE ENGINE

The Case IH Smart Cruise intelligent engine – works by optimizing fuel use. Its main benefits are:

- A reduction in diesel fuel consumption without operational losses.
- Less stress on the hydraulic system.
- Less reliance on the operator to adjust the engine speed.
- Reduces operator fatigue.
- Customers reported fuel consumption savings of up to 26% compared to machines without Smart Cruise.

SUPERIOR COOLING PERFORMANCE

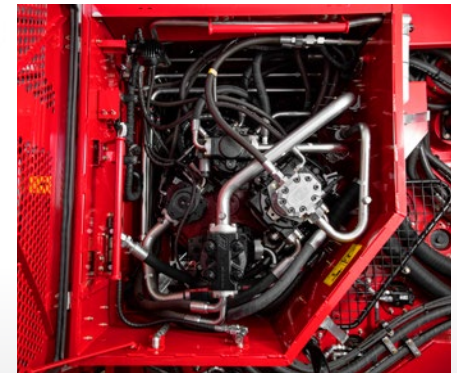
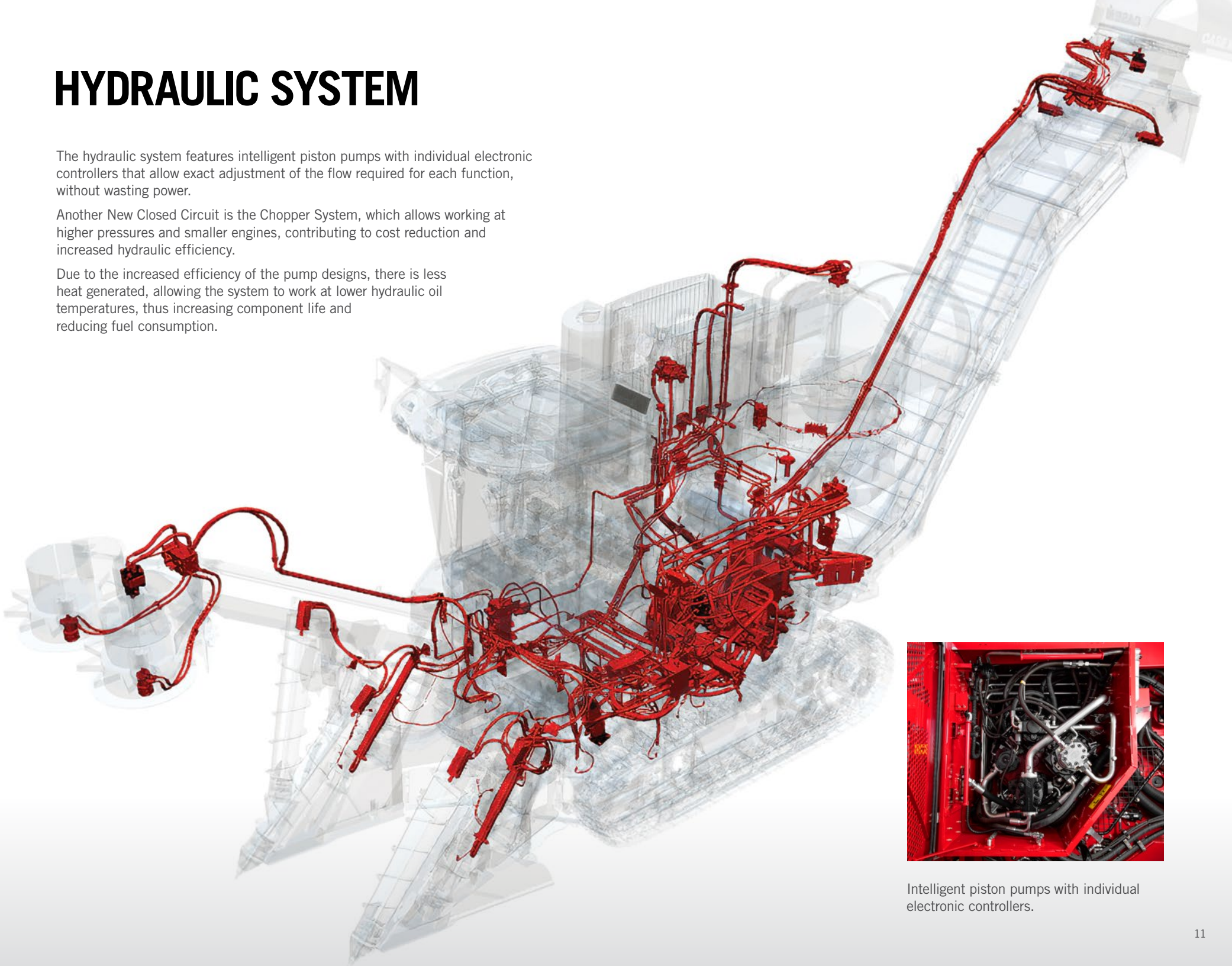
- The cooling system includes a radiator cooling package comprised of an engine coolant radiator, intercooler, hydraulic oil radiator, and air conditioning condenser.
- This system is located on the upper part of the harvester, reducing buildup of debris and sucrose.
- Air for radiator ventilation enters through a wide fixed screen, and the fan is hydraulically driven and reversible. To keep the air intake screen clean at all times, the fan is automatically reversed every 20 minutes, expelling all impurities captured in the air intake screen.
- The operator may also reverse the fan through a button in the cab at any time in the event of any irregularities in the engine coolant or hydraulic oil temperatures.

HYDRAULIC SYSTEM

The hydraulic system features intelligent piston pumps with individual electronic controllers that allow exact adjustment of the flow required for each function, without wasting power.

Another New Closed Circuit is the Chopper System, which allows working at higher pressures and smaller engines, contributing to cost reduction and increased hydraulic efficiency.

Due to the increased efficiency of the pump designs, there is less heat generated, allowing the system to work at lower hydraulic oil temperatures, thus increasing component life and reducing fuel consumption.



Intelligent piston pumps with individual electronic controllers.



MODULAR CHASSIS

The Austoft 9000 series chassis is composed of modular sections joined by hardware forming the main chassis.

Designed to withstand impacts and long harvest seasons, the main structures of the harvester are also now bolted to the main chassis:

- Upper and lower hydraulic tank.
- Primary extractor structure.
- Topper support.

PRECISION TECHNOLOGY

High-Capacity harvesting requires state-of-the-art precision. Case IH precision technology offers a wide array of solutions to meet this demand.

CASE IH FIELDOPS™

The Austoft 9000 series sugar cane harvester comes with subscription-free Case IH connectivity, allowing you to share vital machine, field and crop data remotely. Purposefully designed to be a simplified and streamlined **all-in-one operations management solution**, Case IH FieldOps empowers owners and operators to manage and visualize their fleet and agronomic data at anytime from anywhere. **This cross-fleet compatibility puts all your equipment information in one place for all users.** Get instant access to data and insights, including critical machine operating parameters, precise equipment location and work status, estimated time to complete the task, and more.

FieldOps is a **fully customizable** operations management solution - create machine and agronomic reports, manage field boundaries, connect with over 40 API partners, and share data with trusted advisors, all in one place.

Proactively monitor machine health, quickly spot high-priority issues, and receive customized notifications in an instant. Data can be viewed for any specific operating parameter over the course of a season, or over several seasons, to enhance operational efficiency.

ACCOUNT SETUP

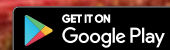
Anyone can set up a free FieldOps account. Producers with connected Case IH equipment can take advantage of all the features FieldOps offers, leveraging the power of data to make every minute count.

And with Connectivity Included*, there are no subscription fees or renewals for the lifetime of the equipment's modem.



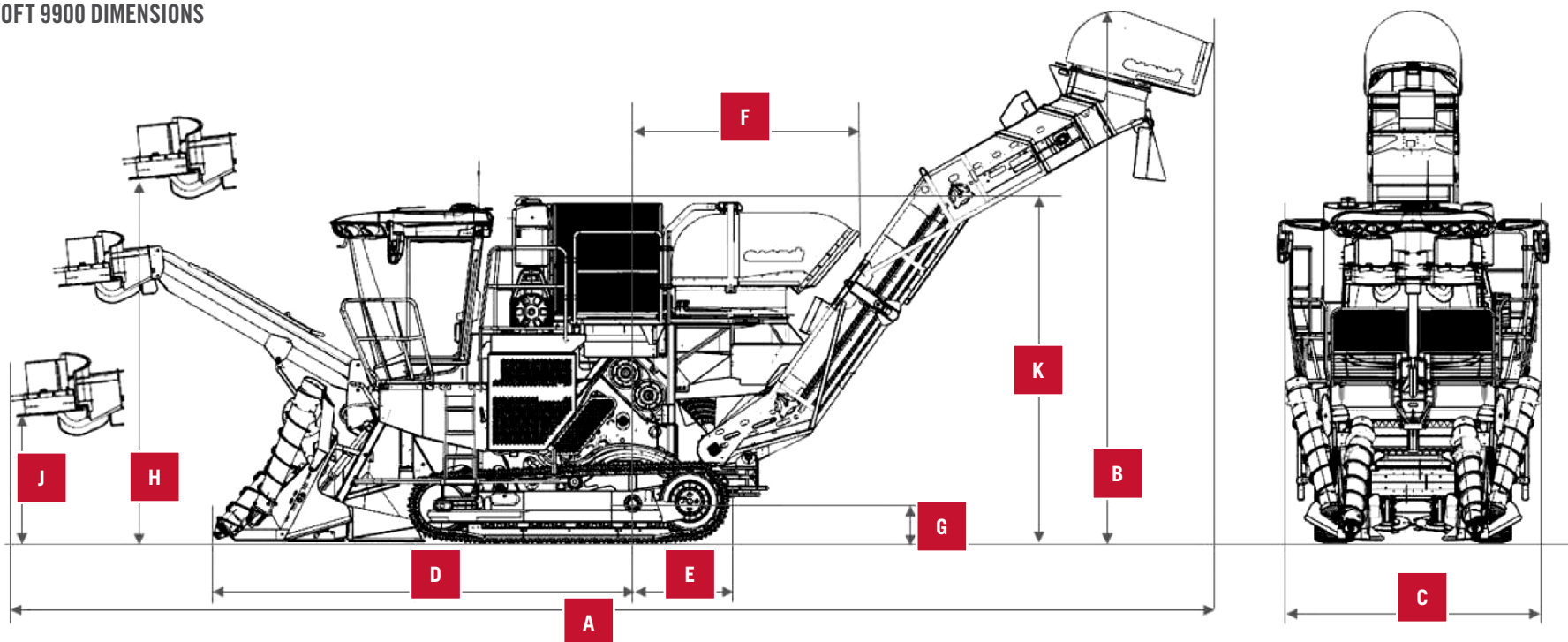
CASE IH FIELDOPS APP

View and monitor your equipment and field information in one place, all on your mobile device or tablet.



*Lifetime Connectivity Included applies to first owner of the harvester for the lifetime of the modem or installed telecommunications technology, and requires EULA acceptance.

AUSTOFT 9900 DIMENSIONS



Not Shown:

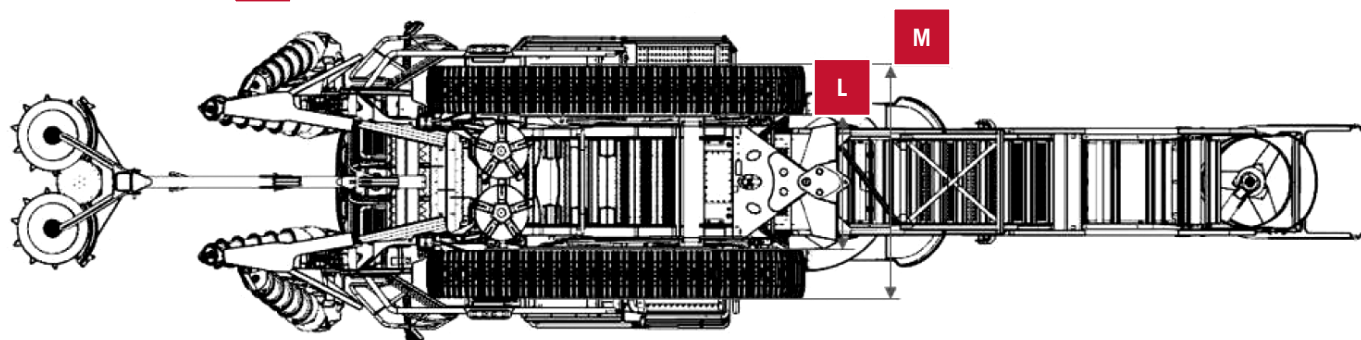
Elevator 35 in. (889 mm)

Standard topper

Dimension of line dividers (closed mirrors) | To open + 9 in. (228.6 mm)

Axle width: 74 in. (1 879.6 mm)
standard / track shoe 16 ft. (487.7 cm)

Main chassis: standard



ITEM	DESCRIPTION	AUSTOFT 9900
A	Total Length	548 in. (14 833.6 mm)
B	Total Height	250 in. (6 350 mm)
C	Total Width	120 in. (3 048 mm)
D	Axle center to tip of crop divider	201 in. (5 105.4 mm)
E	Axle center to rear limit if tracks	45 in. (1 143 mm)
F	Axle center to rear limit of primary extractor hood	107 in. (2 717.8 mm)

ITEM	DESCRIPTION	AUSTOFT 9900
G	Axle center to the ground	18 in. (4 57.2 mm)
H	Topper max height	153 in. (3 886.2 mm)
J	Topper min height	35 in. (889 mm)
K	Maximum Height / Non-Retractable	167 in. (4 241.8 mm) / 162 in. (4 114.8 mm)
L	Internal distance between tracks	56 in. (1 422.4 mm)
M	External distance between tracks	93 in. (2 362.2 mm)

AUSTOFT 9900 SPECIFICATIONS

ENGINE

Model: FPT Cursor 11
 Volume: 3 gal. (11.1 L)
 Cylinders: 6 in-line
 Power: 420 cv (310 kW) @ 1,600 rpm
 Injection system: Common Rail

Tier 0 / Tier 3 / Stage V

Alternator 185A 12V

COOLING SYSTEM

Type: Fixed screen radiator package for air intake
 Location: Harvester upper part
 Smart Fan: Fan with variable speed control

OPERATOR CAB

Number of doors: 2
 Air conditioning and heater
 Operator's seat with air suspension
 Training seat
 Display: Pro 700 Plus
 Monitoring of all harvesting, maintenance and precision farming functions integrated into the Case IH Pro 700 Plus display
 Customizable screens with alerts of irregularities or failures by the display
 Emergency shutdown system in the absence of the operator
 Windshield wiper and washer
 Split rearview mirrors with impact protection
 Cabin and instrument panel lighting
 Steering and electronic transmission by joystick or steering wheel in tire model
 Multifunctional handle/transmission lever/operation buttons next to the armrest
 Fuse panel for all circuits

REVERSE ALARM WITH SECURITY BEACON

Beacon Lights (rotating safety beacon)
 8 cab-mounted LED headlamps
 Tilting cabin with pre arrangement for radio and autopilot
 Optional: Case IH AFS autoguide autopilot

TRANSMISSION

Type: Hydrostatic with variable speed forward and reverse
 Ground speed (track version): 7 mph (11.27 km/h)

CHOPPER

Blades per roller: 4
 Drums diameter: 15 in. (380 mm)
 Throwing rubbers: standard
 Adjustable deflector plates
 Reversible hydraulic drive
 Blade width: 3 in. (65 mm) replaceable
 Billet length adjusted by cabin
 Optional: 3-knives roll

TRACKS

Type of chain: greased
 Bent track shoes with agricultural design
 Track width: 16 in. (406 mm)
 Guides: Heavy-duty
 Options: Track with greased chain of 18"; Sealed and lubricated 18"; 16" sealed and lubricated

KNOCKDOWN ROLLER

Knockdown Roller Width: 43 in. (1 092 mm)
 Hydraulic and reversible drive
 Feeding slats design
 Severe Conditions Kit: Available through parts

FEED ROLLERS

Number of rollers: 5 lower fixed and 5 upper floating
 Hydraulic and reversible drive
 Floating rollers with rubber stoppers
 Rolls width: 35 in. (889 mm)

BUTTLIFTER ROLLER

Hydraulic and reversible drive
 Hollow paddle (standard); closed flaps (optional)
 3 paddle (standard); 4 paddle (optional)
 Width: 35 in. (889 mm)

CAPACITY

Fuel: 164 gal. (620 L)
 Hydraulic oil: 132 gal. (500 L)

OTHER ITEMS

3 operational cameras

WEIGHT

45,745 lb. (20 750 kg)





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