

AUSTOFT 4010 MAXX

SUGARCANE HARVESTERS



AUSTOFT 4010 MAXX

CASE II

CASE II

GLOBAL PIONEERS OF MECHANICAL HARVESTING OF SUGARCANE



Mr J Toft -
First sugarcane harvester



Toft Bros - J150
Single row whole stalk



CH 364 - Toft Bros



7000



Austoft 8800



Austoft 4000
Double Plus+



Austoft 4000 Special Edition
Austoft 4000 Tx (FPT)



Toft Bros -
IHC powered whole stalk



Toft Bros
- CH 364 Robot



Thousand Series
- 6000



Austoft 7000



Austoft 4000+



Austoft 4000 HC Plus



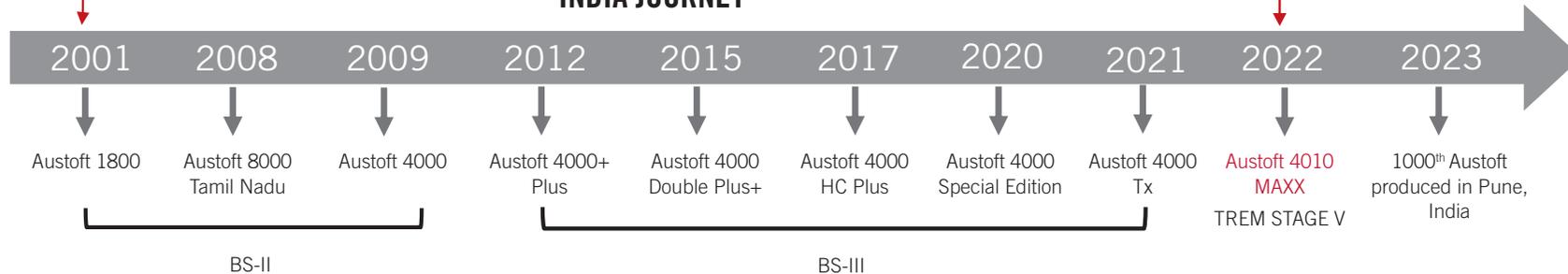
Austoft 4010 MAXX



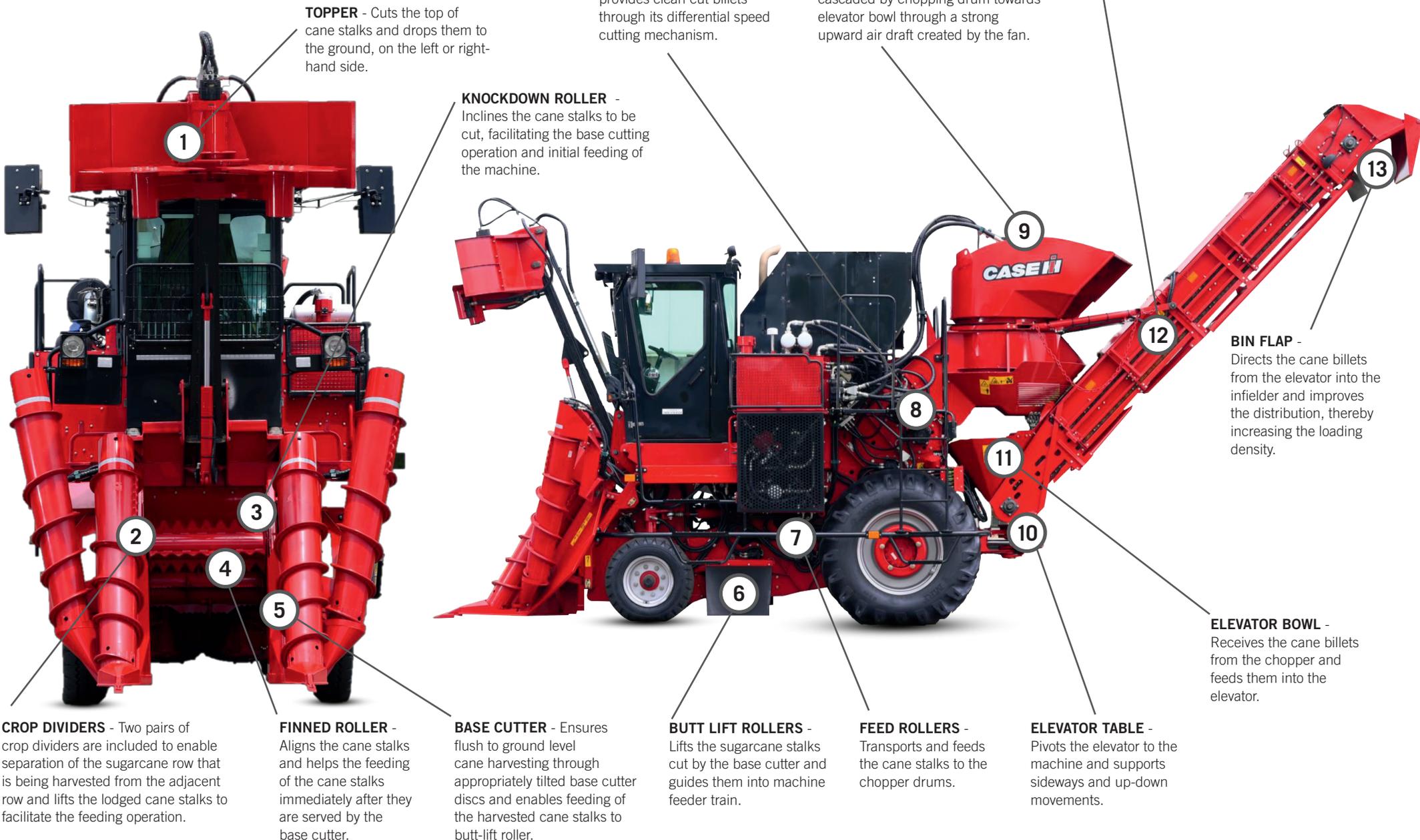
HARVESTING INNOVATION SINCE 1944



INDIA JOURNEY



FIND OUT MORE ABOUT THE AUSTOFT 4010 MAXX



TOPPER - Cuts the top of cane stalks and drops them to the ground, on the left or right-hand side.

CHOPPER - A pair of chopper drums consisting of 3 blades - each blade cuts the sugarcane into billets, which then drop into the elevator bowl. The chopper provides clean cut billets through its differential speed cutting mechanism.

PRIMARY EXTRACTOR - Equipped with AntiVortex™ fan. The extractor fan cleans the cane billets through the suction of the extraneous matter from billet cane, chopped and cascaded by chopping drum towards elevator bowl through a strong upward air draft created by the fan.

ELEVATOR - Transports the billets from the elevator bowl to the infielder. Its perforated elevator floor aids the removal of mineral impurities.

KNOCKDOWN ROLLER - Inclines the cane stalks to be cut, facilitating the base cutting operation and initial feeding of the machine.

BIN FLAP - Directs the cane billets from the elevator into the infielder and improves the distribution, thereby increasing the loading density.

ELEVATOR BOWL - Receives the cane billets from the chopper and feeds them into the elevator.

CROP DIVIDERS - Two pairs of crop dividers are included to enable separation of the sugarcane row that is being harvested from the adjacent row and lifts the lodged cane stalks to facilitate the feeding operation.

FINNED ROLLER - Aligns the cane stalks and helps the feeding of the cane stalks immediately after they are served by the base cutter.

BASE CUTTER - Ensures flush to ground level cane harvesting through appropriately tilted base cutter discs and enables feeding of the harvested cane stalks to butt-lift roller.

BUTT LIFT ROLLERS - Lifts the sugarcane stalks cut by the base cutter and guides them into machine feeder train.

FEED ROLLERS - Transports and feeds the cane stalks to the chopper drums.

ELEVATOR TABLE - Pivots the elevator to the machine and supports sideways and up-down movements.

A LEGACY OF HIGH PERFORMANCE

PROVEN ENGINE PROVEN PERFORMANCE

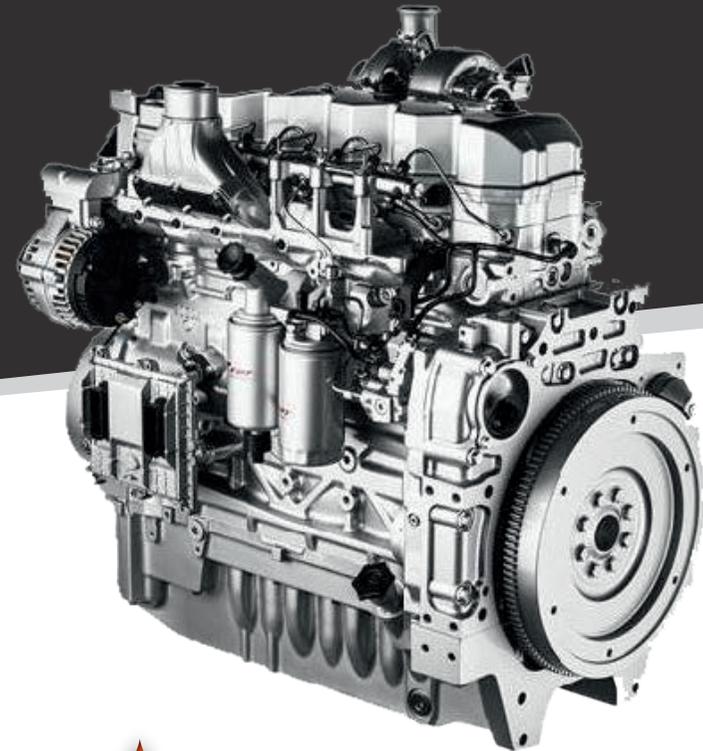
The Austoft 4010 Maxx, powered by an FPT 131 kW, 6.7 L engine, was specifically developed for agricultural operations.

Austoft 4010 Maxx with NEF series electronic engine is equipped with a second generation Common Rail Injection System. The system enhances performance in terms of load response, maximum torque and top power and minimizes fuel consumption.

- ▶ Electronic engine - 6 cylinder
- ▶ High cubic capacity - 6.7 L
- ▶ TREM STAGE IV certified
- ▶ Low fuel consumption
- ▶ Environment friendly



HIGH TORQUE AND LOW FUEL CONSUMPTION



INTRODUCING THE **NEW TREM STAGE V*** SUGARCANE HARVESTER

*TREM STAGE IV Compliant



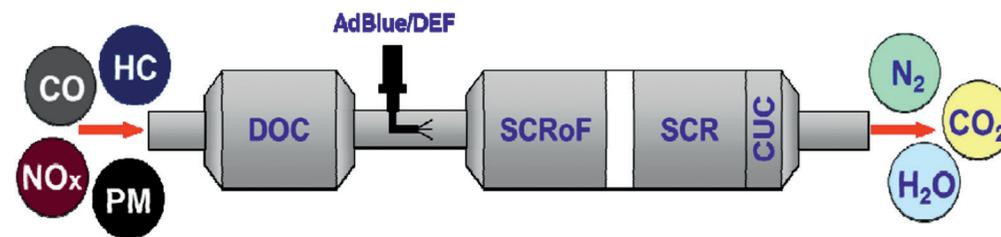
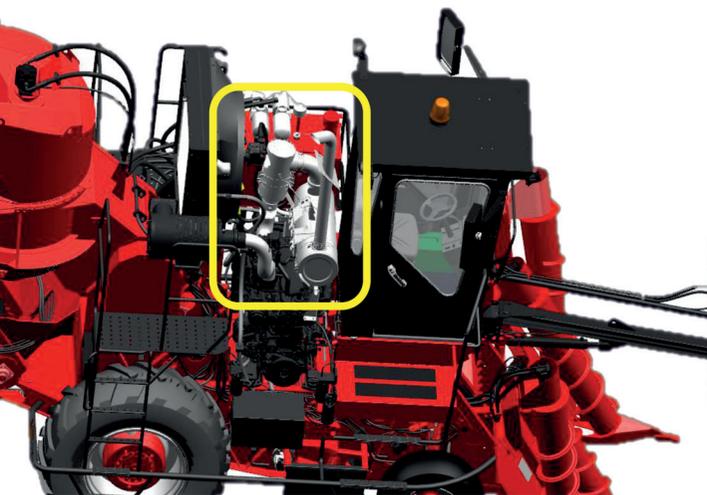
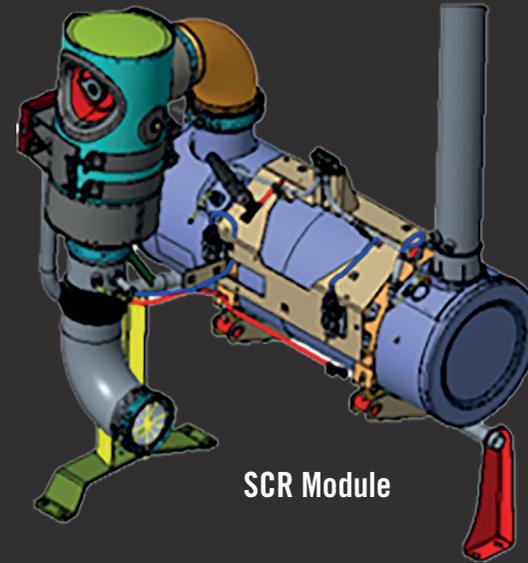
Engine Service Interval
600 HOURS

FUTURE EMISSION READY

SELECTIVE CATALYTIC REDUCTION (SCR)

During the combustion process inside a diesel engine, the chemical energy is transformed into mechanical energy. Due to the chemistry of combustion, several toxic substances are produced, the most harmful being Nitrogen Oxides (NOx) and Particulate Matter (PM). Selective Catalytic Reduction (SCR) technology is designed to permit nitrogen oxide (reducing the possibility of reactions in an oxidizing atmosphere). SCR is an advanced active emissions control technology system that injects a liquid reductant agent through a special catalyst into the exhaust stream of a diesel engine.

AdBlue® is a clear mixture of demineralized water and pure urea (32.5%) and is also referred to as Diesel Exhaust Fluid (DEF). It is designed to convert the emission of harmful nitrogen oxides from diesel vehicles to non-hazardous gases, in order to comply with more stringent emission standards.



**TREM STAGE IV
Compliant**



ADVANCED COOLING SYSTEM

GREATER COOLING CAPACITY & FEWER STOPS FOR CLEANING REQUIRED

The new cooling system features a radiator package (cooling package) that includes a radiator, hydraulic oil cooler, inter-cooler and air conditioner condenser. The system is located on the upper part of the harvester and reduces contact with mineral as well as organic impurities. Moreover, the system exerts positive air pressure into the engine box, thus reducing the entrance of impurities. Better engine access is another feature of this new design.

ADVANTAGES

- ▶ Positive air pressure in the engine box
- ▶ Fixed air intake screen with hinged opening to perform maintenance work
- ▶ Hydraulically driven reversible fan to eliminate impurities accumulated on the air intake screen or the radiator cores
- ▶ Programmed reversal function of the fan every 20 mins, with the option of changing the frequency
- ▶ Provision to activate the fan any time by the operator





HYDRAULIC SYSTEM

MORE EFFICIENT

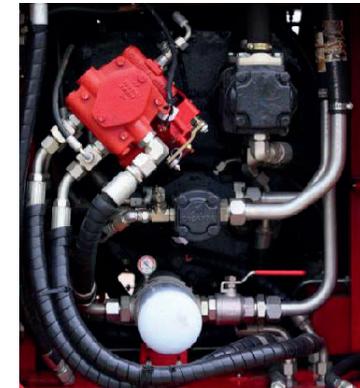
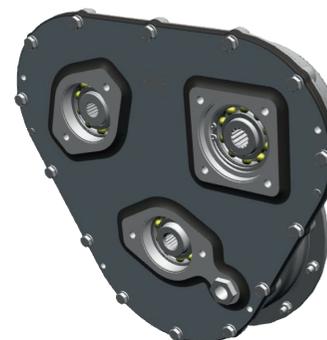
- ▶ Puts hydraulic power where you need it.
- ▶ Hydraulic system components are positioned close together for optimum efficiency.

BETTER SERVICEABILITY

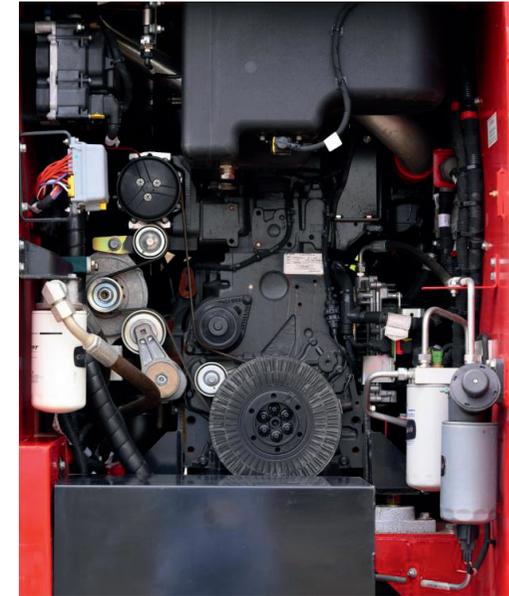
- ▶ Components are conveniently placed for ease of service maintenance operations.

SPLITTER GEAR BOX LESS MAINTENANCE

- ▶ Direct drive through the splitter gearbox utilizes full engine power available for hydraulic pumps, regardless of which function is used.



PRODUCTIVITY ENHANCEMENTS



SERVICE LADDERS

For better accessibility and serviceability, the service ladder with platform are provided on both sides of machine.

Various components of the harvester like cooling system, hydraulic tank, hydraulic filters, and air filter, are now easier to access.

SMART EYE CAMERA

The rear fitted camera ensures safety during reversing as it averts accidents. This feature also ensures better harvest quality, by avoiding losses of cane billets during unloading.

- ▶ Clear rear view
- ▶ Improved operator visibility – less risk of the elevator striking the infielder, overhead wires
- ▶ Improved safety
- ▶ Reduced losses

SINGLE WINDOW ACCESS

- ▶ Fuel filter
- ▶ Water separator
- ▶ Engine oil filter
- ▶ Battery box
- ▶ Engine fan belt
- ▶ Engine oil dipstick



Wire mesh railing on hydraulic tank for additional safety



Sheet metal cover over flywheel for additional safety



Emergency switch & parking button for additional safety



Rocker switches inside the cabin



Air cleaner with electronic clog indicator



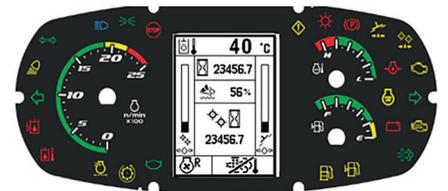
Dual hydraulic filters



Mobile charger provision inside the cabin



Ergonomic throttle button



HLCD Display

SUPERIOR CLEANING SYSTEM

ANTIVORTEX™ FAN

Austoft 4010 Maxx is equipped with a four-blade AntiVortex™ fan. Globally it is the most efficient trash removal technology for harvested cane. Along with a significant reduction in extraneous matter, the AntiVortex™ ensures that minimal power is consumed in the harvesters cleaning system.

FEATURES

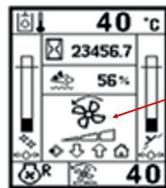
- ▶ Excellent cleaning - minimal trash
- ▶ Reduced load – less operating RPM of the fan @1400 / less wear and tear of cleaning system components
- ▶ Fuel saving
- ▶ Less vibration of the extractor hood / more life
- ▶ Improve loading capacity of transport, thus lowering the operating costs

Option to choose any speed between 1200 -1400 RPM with the steps of 100 RPM for variable yield / cane types requirements

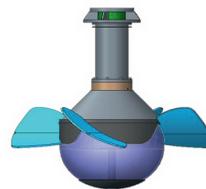
VARIABLE FAN SPEED

- ▶ High yield - 1400 RPM
- ▶ Medium yield – 1300 RPM
- ▶ Low yield – 1200 RPM

ANTIVORTEX™
TECHNOLOGY



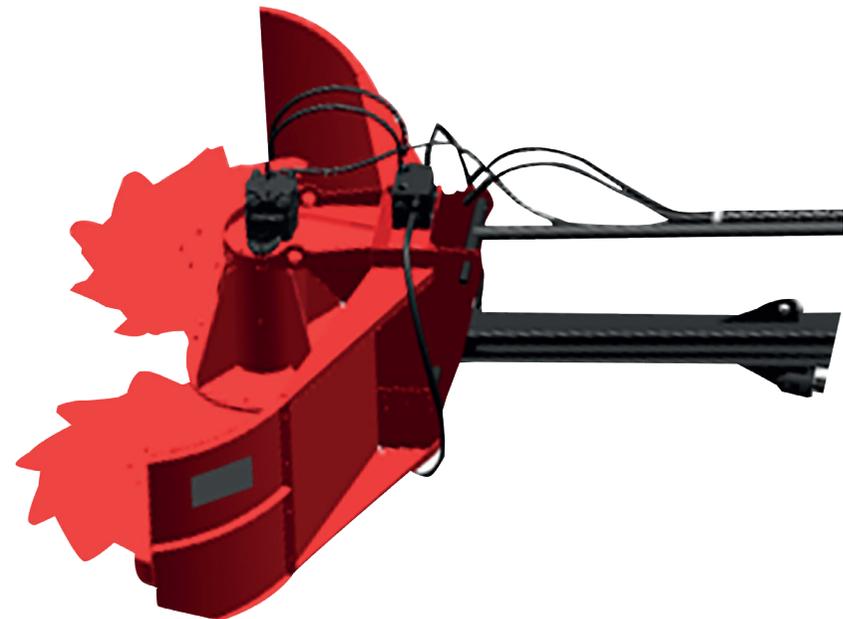
Instrumentation
Cluster



AntiVortex™
Fan

DISC-O-GATHER TOPPER

Austoft 4010 Maxx with optional Disc-O-Gather Topper is equipped with two additional gathering discs ensuring maximum severing of sugarcane tops, leading to considerable reduction in extraneous matter. The extended guard assists in throwing the tops away from infielder-operator, thereby ensuring operator safety.



FLEXIBILITY, RELIABILITY AND COMFORT

EXCELLENT COST-BENEFIT

The Austoft 4010 Maxx is compact in size and design, and is easy to move between cane fields. The Austoft 4010 Maxx has been developed on lines of pioneer Austoft 4000 series harvesters, while being inspired by the design and concepts of Case IH's most advanced Austoft 9000 series harvesters.

EASY & FAST TO SERVICE

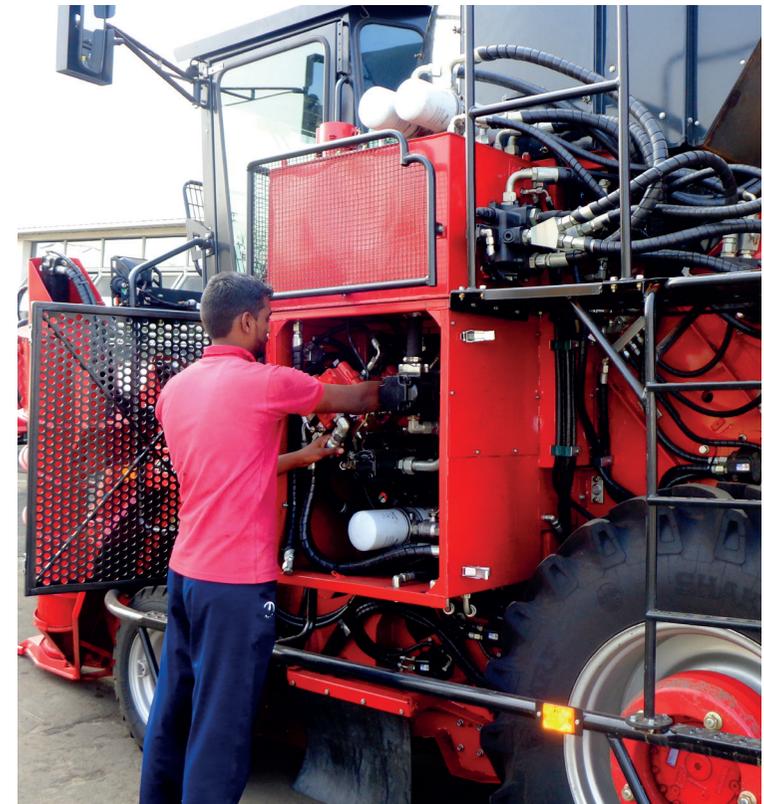
The Austoft 4010 Maxx was designed for easy and simple maintenance. The engine, hydraulic system and critical components are easily accessible, thereby streamlining regular maintenance, and increasing the machine's availability for harvesting.

COMFORT FOR THE OPERATOR

To improve productivity, the Austoft 4010 Maxx has a well-designed and comfortable air conditioned cabin. The ergonomically positioned controls, the deluxe seat and excellent overall field visibility, provide optimum comfort and ease of operation to ensure long uninterrupted days in the field.

GET EXCLUSIVE MEMBERSHIP TO CASE IH SMILES CLUB AND AVAILABLE BENEFITS ON NEW FEATURES & SERVICES

- ▶ Special discounted points on parts and lubes on every transaction
- ▶ Every member will get regular maintenance / repair for better life of harvester
- ▶ Xpress service benefits are extended to Smiles Club registered customers





FINANCE FACILITY



Round the Clock Support



Customized Finance Solutions



Best in Class Service



Faster Response

AN ADVANCED WORLDWIDE SYSTEM FOR ENSURING HIGH PERFORMANCE AGRIBUSINESS.

MAINTAIN THE PRODUCTIVITY OF YOUR INVESTMENT

Case IH and its dedicated dealer network, provide excellent service support when you take delivery of your 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.

CNH INDUSTRIAL GENUINE PARTS

A guarantee from the factory. CNH Industrial genuine parts are designed especially so that the machines perform to their maximum capability. They were developed by the factory, tested, and approved under very demanding tests conditions in order to serve your machine. Non genuine parts cause damage and may end up doing great harm to your equipment and your budget. CNH Industrial genuine parts were tailor-made to ensure greater efficiency for your machine and longer operational life. Adequate amount of spare parts are available at strategic locations across the country through its dealer and distribution centers.

ADVANCED TRAINING SUPPORT

CNH Industrial has a training facility with specialized technical assistance to support customers. The training facility includes a well experienced faculty, digitalized classrooms and workshops with various harvesters, implements and tractors to impart best hands on experience and knowledge to the customer.



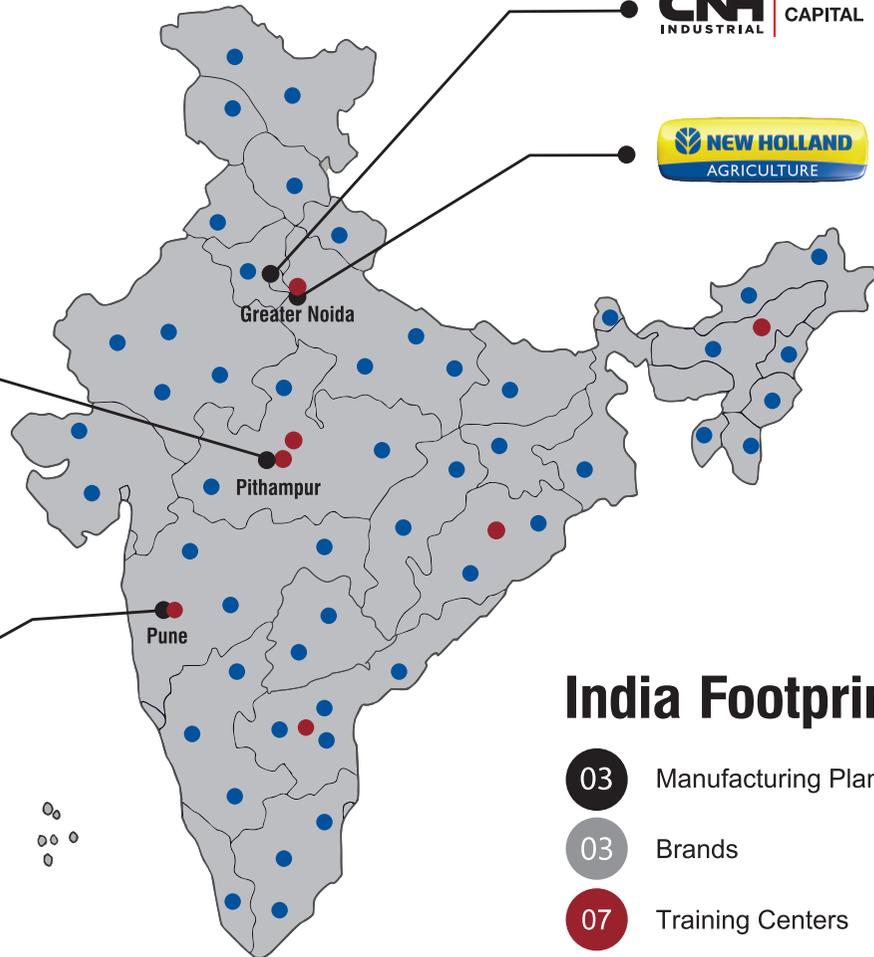
XPRESS SERVICE

Quality care to your door step

- ▶ 24 x 7 service
- ▶ Ensured tonnage
- ▶ Parts availability near you
- ▶ Service facility of van & bikes
- ▶ Float stock availability

CNH INDUSTRIAL IN INDIA

Our Financial Services



*The location dots are just for the indicative purpose in the Map

India Footprint

- 03 Manufacturing Plant
- 03 Brands
- 07 Training Centers
- 1000+ Customer Touch Points



STATE-OF-THE ART WORLD CLASS MANUFACTURING FACILITY

Spread across 70 acres of land, CNH Industrial's state-of-the art manufacturing plant in Pune (Maharashtra) is one of the most advanced harvester manufacturing plant in India and has won many awards for Quality and Manufacturing Excellence. Harvesters manufactured at this facility have made their mark across the world.



COMPLETE MECHANIZED SOLUTIONS FOR SUGARCANE CULTIVATION



Sub-soiler



MB Plough



Power Harrow



Laser Leveler



Sugarcane Planter



Multirow Weeder



Shredo Mulcher



Square Baler



Gyro Rake



Sugarcane Harvester



Boom Sprayer



Disc-Off-Barrer

**SCAN
QR CODE**

TO FIND OUT MORE ABOUT
SUGARCANE HARVESTERS



**SCAN
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TO FIND OUT MORE ABOUT
AGRICULTURAL PRODUCTS



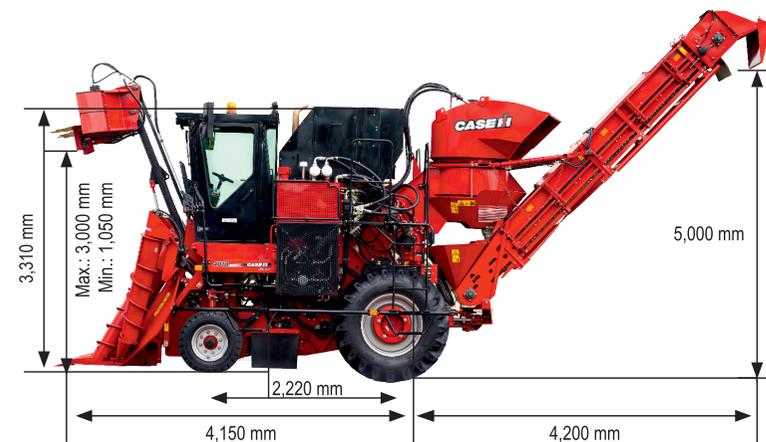
AUSTOFT 4010 MAXX

ENGINE	
Make	FPT Industrial
Power / emission	176 HP / STAGE V with TREM STAGE IV certified
Cylinders / capacity	06 / 6.7 L
Fuel system	Electronically controlled, CRDI System
EXHAUST TREATMENT SYSTEM	
Type	Selective Catalytic Reduction (SCR)
TRANSMISSION	
Type	Hydrastatic
Travel speed	16 km/hr
CAPACITY	
Fuel tank	210 L
Hydraulic tank	135 L
Urea tank	35 L
TYRES	
Front	10.5/65 -16, 10 PR
Rear	16.9-28, 12 PR
TOPPER	
Gathering discs	2 (Optional)
Height variation	1050 to 3000 mm
Height adjustment	Hydraulic
Severing drum	Bi -Directional
Lift -O- MATIC CROP DIVIDERS	
Twin crop dividers	Yes
Distance between the tips spiral angle	1.1 mm
Height adjustment	70°
Crop divider shoes	Hydraulic
KNOCKDOWN ROLLER	
Height	Adjustable
Angle	51°
Severing drum	Bi-directional

FACTORY FITTED ITEMS

- ▶ Air - conditioned cab with 2 doors
 - ▶ 2 rear view mirrors
 - ▶ Side railings with ladders on both sides
 - ▶ HLCD cluster
 - ▶ Safety rails
 - ▶ AntiVortex™ Fan
 - ▶ Beacon light
 - ▶ Reversible camera - 2 camera, 1 monitor
- Optional:**
- ▶ Disc-O-Gather Topper

BASE CUTTER	
Drive	Hydraulic & reversible
Discs	2 Identical & reversible
Knives	8 removable & 4 edged
Distance between centre of discs	495 mm
FEED ROLLERS	
Number of rollers	11
Number of rollers on roller train	8
Drive	Hydraulic & reversible
Upper rollers	Floating
EXTREME CHOPPER	
Number of knives per drum	3
Deflector plate	Adjustable
EXTRACTOR	
Extractor fan type	AntiVortex™
Speed	1200 to 1400 RPM
Hood	Directional
ELEVATOR	
Drive	Hydraulic & Reversible
Turning angle	170°
AC CABIN	
No. of doors	2
No. of lights	7
Windshield wiper	1



   
caseih.com

CNH INDUSTRIAL INDIA PVT LTD

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Toll Free No. 1800 419 0124

 **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 genuine lubricants. CASE IH Austoft 4010 Sugarcane Harvester – 07/2023 23APACINDAUS001

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