



## **SETTING A NEW STANDARD**

The Case IH A8010 and A8810 Series



With a reputation for its pioneering spirit and being the benchmark in the field of sugarcane harvesting, Case IH has worked hard to improve its Austoft™ sugarcane harvester. Focusing on harvest quality and the profitability of its customer's business have been the cornerstones of the improvement process. The result has been a union of technologies that increase mechanical availability, generating efficiency and ensuring greater productivity.

With this release, Case IH now offers a full range of harvesting equipment for all types of sugarcane cultivation. In addition, the new model also comes with a variety of features that are sure to please those who are ready to rethink productivity.

AUSTOFT. THE EVOLUTION OF THE LEADER.

### **NEW PLASTIC FUEL TANK**

- 620 litres (+29% compared to previous model)
- Greater stability
- Increased productivity

### **LED LIGHTS**

- Better night-time visibility
- Night-time
- Reduced operator fatigue
- Reduced maintenance cost

### **INNOVATIONS**

That deliver a better harvesting experience

The high performance of Case IH sugarcane harvesters results from over 50 years of product research and development, and significant investments to offer advanced solutions to the sector. The technological innovations offered by our harvesters provide not only high productivity and availability, but also contribute to delivery of a raw material in accordance with industry specifications.

**AUSTOFT. THE ORIGINAL.** 

### **AUTOFLOAT – FLOATING CROP DIVIDER (OPTIONAL)**

- Better quality of harvest
- Easier operation
- Less risk of damage to crop divider components





### **NEW REAR-VIEW MIRROR**

Better visibility

### ■ Greater comfort (seat adjustment and foot rest)

### ■ Improved visibility

### NEW RADIATOR WITH DRAWER SYSTEM

- Easier maintenance
- Increased capacity

### **NEW MOTOR AND HOOD SLEW SYSTEM SPRINGS**

CASEI

■ Longer life

### **IMPROVED ENGINE BOX / PUMP MANAGEMENT**

- Better access and security
- Expanded diagnostic code capacity
- Easier serviceability

### SPREADER FEED ROLLERS (OPTIONAL)

- 'Feed roller spreaders' implies that there is a device to spread the feed rollers
- Cleaner cane (depending on local condition)







### **OFFERING LOWER OPERATING COSTS**

With increased performance

1 Powerful engine

2 AFS AccuTurn

### **LARGER FUEL TANK**

620-litre capacity, i.e., 29% more than the previous model and located at the centre of the harvester, providing greater stability regardless of the level of fuel.

### **INTELLIGENT COOLING SYSTEM FAN**

With automatic, variable rotation, depending on system temperature. This ensures a lower demand for hydraulic activation of the fan motor, therefore lower fuel consumption, particularly in periods of low temperature (night and winter).

#### **SMART CRUISE**

Software to reduce fuel consumption and prolong engine life in addition to an optimised power curve. Customers who tested the Smart Cruise reported fuel consumption savings of up to 26% compared to machines without Smart Cruise.

### **POWERFUL ENGINE**

Designed by FPT Industrial, the engines deliver power and responsiveness for the most demanding agricultural applications. In fields around the world, the performance of Case IH FPT engines speaks for itself. The proof is in literally billions of hours of efficient power operation from a global leader that consistently sets industry standards.

#### **AFS® AccuTurn**

System for actuating and deactivating the functions of the harvester. With up to 10 configurable automatic functions to facilitate operation and reduce unnecessary fuel consumption when operating the harvester at the end of a line.

AUSTOFT, HIGH PRODUCTIVITY.

- Lower fuel consumption
- -4.5 hours of assembling and dismantling
- Lower stress on hydraulic system
- Extended engine life
- Reduced operator dependence on engine
- Rotation adjustment



### **FPT CURSOR 9 ENGINE**

- 358 cv a 2,100 rpm
- Turbocharged
- Common Rail Electronic injection system
- Water-cooled
- Dual Curve System
- Smart Cruise System
- Easier access to engine compartment and ease of maintenance
- Deflector plate over engine compartment to improve air flow and reduce the temperature in the turbine area.
- Fuel filter and prefilter with easy access to ground level
- 205 description/information faults for diagnostic accuracy
- MAR1 approved (Tier III) since 2009, relating to emission legislation iEGR technology (internal Exhaust Gas Recirculation)
- New power curve optimises fuel usage (2017)











### **BETTER QUALITY OF THE HARVEST**

And improved efficiency

- 1 Auto-Float
- 2 Auto-Tracker
- 3 Operating camera
- 4 Reduced impurities

### **AUTO-FLOAT**

### **CROP DIVIDER "GROUND FOLLOWING" SYSTEM (OPTION)**

Raises and lowers the lever depending on the amount of counter pressure that the soil exerts on the crop dividers.

### **AUTO TRACKER -**

### "GROUND FOLLOWING" BASE CUTTER SYSTEM

It automatically controls the height of the cutting disc and provides a better quality of cane cutting, thus avoiding stump losses.

### **EVIEW**<sup>TM</sup>

### OPERATING CAMERAS WITH DISPLAY ON THE AFS® PRO 700+

Located on the sides of the cab roof for monitoring the elevator and under the slew table, for monitoring the work done by the basecutter before releasing the cane.

# ANTIVORTEX SYSTEM PRIMARY EXTRACTOR CLEANING SYSTEM CREATED BY CASE IH

The exclusive Antivortex system reduces vegetable impurities 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 a conventional system. A new structure with a rectangular profile has been developed to support the primary extractor, to increase strength and avoid cracking.

### **AUSTOFT. HARVEST QUALITY.**

- Less root damage
- Avoiding stump losses
- Less operator fatigue
- Reduced cane losses



# SUPERIOR CLEANING SYSTEM AND ELEVATOR

Developed from decades of experience

### **11** NEW PRIMARY EXTRACTOR HOOD

### **Chain-tensioning system**

Chain-tensioning system with end springs to prevent premature chain wear or breakage. Antivortex system allows for better airflow, which improves cleaning, with low incidence of billet loss and reduced power consumption.

### 2 SIMPLIFIED ELEVATOR CHAIN

### **Tensioning system**

With only 1 nut and measuring ruler, faster to adjust and greater precision.

### 3 SECONDARY EXTRACTOR

For further cleaning with  $360^{\circ}$  slew, for better cane distribution and to prevent it from being deposited on the transporter.

#### 4 FLAP

With hydraulic activation for better billet distribution in the transporter and better adjustment and use of the crate volume.

### 5 EXTENDED ELEVATOR (OPTIONAL)

Measuring 900 mm, for better reach and good positioning of the transporter on the line, so that the billets are better placed in the transporter.

### **6** EXTRACTOR CHAMBER WEAR PLATES

For longer life and easy replacement during maintenance.

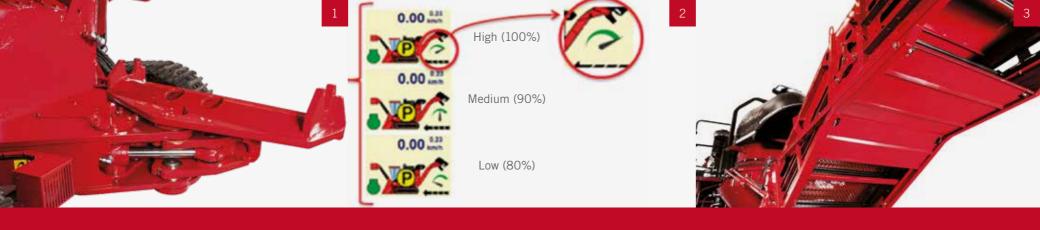
### 7 ELEVATOR HULL

Large capacity with reinforced edges for longer life.

CASE







### **BUILT TOUGH**

To handle long days and long seasons

- 1 Reinforced slew table
- 2 Adjustable speed system
- 3 Elevator chain drive

All large sections of the elevator are made of strong materials, for increased durability and less downtime.

### **BIN GUARD**

Prevents the elevator from impact damage and the flight from contacting the transporter.

### "SOFT STOP" SYSTEM

Hydraulic damping for more smoothness at the end of run and lower elevator impact.

### REINFORCED SLEW TABLE

Longer life.

### **SCRAPER BAR**

For removing sugarcane and soil build up from slew table.

### ELEVATOR CHAIN DRIVE (CHAIN + FLIGHT) WITH ADJUSTABLE SPEED SYSTEM

Increases the lifespan of the wear components and improves adaptation to the conditions of the sugarcane fields.

### **CROSS BARS**

For more ruggedness with less possibility of the elevator structure twisting.

### FLOOR WITH OBLONG HOLES

Large cleaning area reduces occurrence of mineral impurities in the harvested stems.

### **AUSTOFT. DURABLE.**

- Increased life span
- Smoother end of row turn



WATER TAP Fed by air-conditioning condensation.



**SAFETY STAND** For maintenance requiring a raised suspension.



**PROTECTIVE GRILLS** Provide safe access to the upper part of the harvester.



MAGNETIC LIGHT With 10 metres of cable, to assist during night maintenance.

### **EASIER SERVICE**

Saving time, improving safety



### CHOPPER BLADE HOLDER

With capacity for 4 blades on each side and a complete exchange of the 2 rollers.



**POWER POINTS** 

To connect 12 V devices or a light.



**SERVICE LIGHT** 

Provides lighting when servicing the front part of the harvester.



### **NEW COOLING SYSTEM WITH INDEPENDENT RADIATOR PACKAGE**

Located in sliding drawers for ease of assembling and dismantling when necessary.



### **GREASE NIPPLES AT THE FOLLOWING POINTS:**

- 2 Crop dividers
- Primary extractor
- Chopper roller
- 1<sup>st</sup> roller train bearing







### **FEED ROLLERS**

With external access to the bearings (bolts on the external side of the chassis) and rubber stops, there is a 83% reduction in the time required for exchanging all bearings, i.e., from 15 to 2.5 hours.





### WATER SEPARATOR FILTER

Located on the engine box door to enable easier maintenance.



### **CANE REMOVAL TOOL**

To remove accumulated cane from difficult to access areas.



# FUEL FILTER POSITIONED ON THE OUTERMOST PART OF THE ENGINE COMPARTMENT

For safer changing at ground level.



### CLASS 5 ROLLING STOCK

(AVAILABLE ON TRACKED MODELS)
Ensures longer service interval.



### 2 ACCESS HANDLES ON BOTH SIDES OF THE ENGINE COMPARTMENT

To facilitate and increase safety in accessing the engine compartment condensation.



### **OPERATOR ENVIRONMENT**

Unparalleled comfort

1 Best in class operator comfort

2 Operator focused

When the days are long and the nights are even longer, you will come to really appreciate the industry-leading comfort and intuitive operation of the Austoft $^{TM}$  cab.

Guided by input from producers and custom operators, Case IH has taken one of the cane producers largest and quietest cabs in the industry and made it even better. The redesigned Case IH cab provides the ultimate in convenience, comfort and productivity for your office in the field.

The enhanced Case IH right hand console moves with the seat to control most vital functions, with the operator's arm

in a comfortable resting position. Similar functions are grouped together and multiple settings for conditions are easily saved for future use. You can keep your eyes on the field rather than searching for knobs or buttons.

In addition, all models use the state-of-the-art AFS® Pro 700+ display for machine functions and guidance control. The AFS® Pro 700+ is compatible with all Case IH high horsepower equipment, so the operating logic and layout has consistency across Steiger, Magnum and Puma tractors and Patriot sprayers.

AUSTOFT. COMFORTABLE.

- Comfort
- Increased productivity
- Familiar display







### **EFFICIENT HARVESTING**

Without operator fatigue

- The exclusive Cruise Control provides automatic control and memorisation of the ground speed
- Right-hand side console ergonomically positioned to activate all harvesting functions and enables monitor navigation

### **OPERATOR CAB**

- Large glass area high visibility
- Illumination designed for better vision during night activities
- Larger space greater comfort
- Operator seat with cushion adjustments: height, inclination, distance and backrest
- Instructor seat
- Tilted roof for improved accessibility
- New rearview mirror for better peripheral vision
- Pre-wired for sound system
- 8 air vents
- Sun visor and rear blind
- Illuminated control buttons

### ELEVATOR SLEW PEDAL AND FOOT REST

- Easy to operate
- 170° slew
- Increased operator comfort

### TRANSMISSION AND DIRECTIONAL JOYSTICK

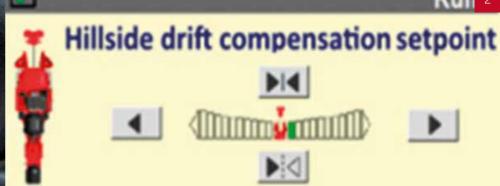
- Cruise Control Automatic control and advance speed memorisation
- High precision
- Easy maneuvering
- Standard on A8810 model, A8010 model available on both Joystick and Steering Wheel configuration

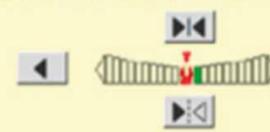
### AFS® PRO 700+ MONITOR

- Management-friendly technology
- Easy handling
- Operational features











### IMPROVING PRODUCTIVITY

With advanced technology

- 1 AFS PRO 700+ monitor to manage and monitor up to 72 operational parameters.
- 2 Anti-drift Automatic and gradual correction of the direction of the harvester.

With the AFS® Pro 700+ display, you benefit from added capabilities with minimal complexity. It is easy to read in daylight and adjusts for night visibility. It features a large screen in a lighter, thinner package, with more computing power than its predecessor. A single display provides a wealth of functionality. From your seat with just a few touches, you can view up to 6 run screens on a single monitor to fine-tune options such as remote valve timers and flow control, auto PTO, engine speed settings, the wheel slip alarm, calibrations and implement settings, as well as other key machine functions.

Easy to use, AFS® Pro 700+ comes with features like Antidrift, AFS® AccuTurn, eView™ - Operational cameras, Adjustable elevator chain drive speed and Autopilot to increase productivity through ease of operation and less operator fatigue.

### **ANTI-DRIFT**

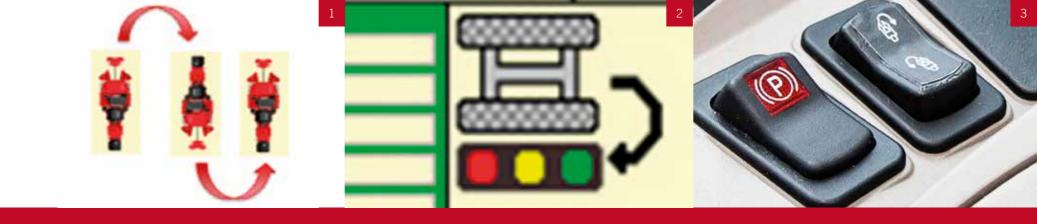
Automatic and gradual correction of the direction of the harvester. This system is used if a forced diversion is encountered along the path, e.g., along a slope, sugarcane on the sides and in winding areas. Settings can be adjusted via the monitor of the AFS® Pro 700+ or using the control buttons below. It can be configured with up to 10% compensation to the right or left and set from 1 to 1%. Function associated with the "AFS® AccuTurn" system, inverting the direction after maneuver.

AUSTOFT. TECHNOLOGY LEADER.

- Ease of operations
- Less operator fatigue
- Customizable







### **PRECISION FARMING**

Equals performance

- 1 Increased efficiency and productivity
- 2 Controlled traffic farming
- 3 Ease of operations

### **eVIEW**<sup>TM</sup>

### 3 Operational cameras located at:

- Left and right side of the harvester
- Lower part of the machine

Observe operations on the AFS® Pro 700+ monitor with configurable screens, easy interaction and switchable cameras. eView<sup>TM</sup> allows the operator to view the basecutter cutting quality as well the position of the elevator on either side of the machine.

- Ease of operation
- More operational comfort
- Better quality of harvest

### **AFS® ACCUGUIDE AUTO GUIDANCE**

Autopilot system, frees the operator from having to control the steering.

- Individualised Line projects
- Traffic control
- Lower compaction
- Better harvest planning
- Systematisation of areas
- Improved transportation logistics
- RTK standard
- Import and Export

### **AFS® ACCUTURN**

### Maneuvering Function - End of row:

- Reduces engine revolutions to intermediate and advance speed memorisation
- Disengages the basecutter, feed roller and chopper roller
- Turns off the elevator chain drive
- Disengages topper
- Turns the primary extractor to central position
- Turns off the side trim function
- Disengages the primary and secondary extractors
- Raises the suspension
- Resets anti-drift compensation

### Start of row (one touch):

- Increased engine revolutions
- Connects the basecutter, feed rollers and chopper rollers
- Engages the elevator chain drive
- Connects the handset and reverses the release direction
- Engages the opposite side trim
- Adjusts the hood of the extractor in the opposite position
- Engages the primary and secondary extractor
- Lowers the suspension and connects the Auto-Tracker
- Re-engages anti-drift compensation



### **TURNING NIGHT INTO DAY**

Increased visibility in night operations

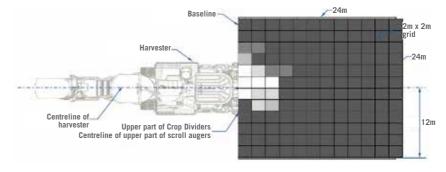
### **LED LIGHTS**

LED lights can last up to 50,000 hours — 20 times longer than HID lights. In other words, you may never have to replace them for the life of your equipment.

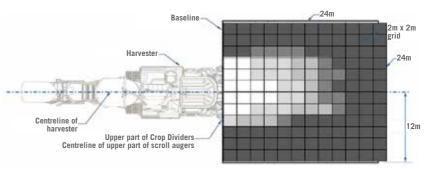
### 13 LED BULBS

- 8 on the front of the cab roof
- 2 on the back of the cab roof
- 2 in elevator outlet
- 1 for maintenance on the front panel (change of basecutter)

LIGHTING SYSTEM WITH A8800 HALOGEN LAMPS

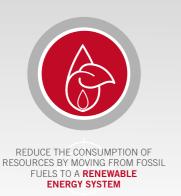


LIGHTING SYSTEM WITH LED A8810 LAMPS















### **SUSTAINABILITY**

It's part of everything we do

Case IH is part of CNH Industrial, one of the world's largest capital goods companies. It has a firm focus on its environmental responsibilities, and has been a seven-time leader in the Dow Jones Sustainability Index. Within the CNH Industrial group:

- 91% of waste is recovered
- 27.5% of water used is recycled and
- 56% of electricity used is from renewable sources.

Being a global leader in capital goods carries great responsibilities, which means that we must be accountable for every global activity we perform. Our responsibility does not stop at the factory gate, and we have made great efforts to be proactive when it comes to the broader global issues surrounding sustainability. Over the years, our work in research and development has been geared towards ensuring that our products continue to achieve increasingly high standards in terms of safety and eco-compati-

bility. Rather than limiting customers to a choice between low operating costs and eco-efficiency, our strategy is to offer products that deliver both.

By providing innovative products and solutions that abide by environmentally responsible operating practices, Case IH is doing its part to address global issues such as climate change. Today's companies face complex and interconnected challenges that demand an ever-evolving approach to sustainability, a scenario that Case IH believes is an important driver in creating long-term value for all its stakeholders, which is a core objective of the brand.

At Case IH, our engineers are focused on producing machines that not only work on the land, but work with it too.

CASE IH. ALWAYS FUTURE-FOCUSED.

### THE SUSTAINABILITY GROWTH DRIVERS ARE:

- Necessity to feed an increasing population
- Importance of soil protection for future generations
- Growing sustainable farming solutions
- Increasing public awareness
- Fostering people engagement



### **SERVICETEAM**

We'll keep you farming

The Case IH **SERVICETEAM**, a strong dealer network backed up by local Case IH market teams, industry leading Case IH supporting tools, modern training methods, best in class spare parts support and logistics performance providing Case IH customers with an excellent all-encompassing after-sales service, keeping customers farming!

TECHNICAL SUPPORT I SERVICE I PARTS I SERVICEFINANCE

### GENUINEPARTS HIGH PERFORMANCE

THEFT TENTONMANCE

#### WE KEEP YOUR EQUIPMENT RUNNING.

Your local Case IH dealer and our dedicated parts call centre technicians and their logistic colleagues are all part of the Case IH ServiceTeam network. They're highly trained to give you expert advice and solve problems, ensuring the correct, genuine Case IH parts are located and dispatched right away, reaching you next day or sooner to keep your machine in top condition.



### AN OPTIMAL FINANCING SOLUTION FOR EVERY INVESTMENT.

CNH Industrial Capital is the financing company for Case IH. Our employees are financial experts and have many years of experience in agriculture. We do not only know about Case IH products and the market, we also understand the individual requirements of your operations. Therefore we are always able to offer you a financial solution for your new investments that is tailored specifically to your operational requirements. Our most important goal is improving the profitability of your investments!



### SPECIFICATIONS A8810 / A8010

### MODEL: FPT CURSOR 9 MAR-I/TIER 3

Cylinder capacity: 9 litres

N° of cylinders: 6 in line

Power: 358 CV (260 KW) at 2.100 rpm

Injection system: Common Rail

Alternator 185 A 12 V

Smart Cruise: fuel optimisation software

#### COOLING SYSTEM

Type: Radiator package with fixed screen for air intake

Location: upper part of harvester

Smart Fan: Fan with variable speed control

#### OPERATOR CAB

Number of Doors: 2

Air conditioning and heater

Operator seat with air suspension

Training seat

AFS® Pro 700+ Monitor

Monitoring of all harvesting, maintenance and precision agriculture functions built into the AFS $^{\otimes}$  Pro 700+ Monitor

Customisable screens with irregularities or fault warnings through the monitor

Emergency stop system in the absence of the operator

Wiper and windshield wiper

Side mirrors with impact protection

Cab and instrument panel lighting

Joystick-operated electronic steering and transmission or steering wheel in the wheeled model

Multifunction lever/transmission lever/Operation buttons next to armrest

Fuse protection for all electrical circuits

AFT Alarm with safety beacon

Giroflex (rotating safety beacon)

10 cab-mounted LED headlights

Cab pre-wired for radio and AFS® AccuGuide Auto Guidance

Optional: Case IH AFS® AccuGuide Auto Guidance

#### TRANSMISSION

Type: Hydrostatic with variable forward and reverse speed

Speed of tire model: 0 to 20 km/h

Speed of machine with tracks: 0 to 9 km/h

### **BRAKES**

Multiple disks – Automatic operation in loss of pressure or engine shutdown – (A8010)

Manual parking brake

In-cab Pedals with independent activation (A8010)

### **HYDRAULIC SYSTEM**

With command block

All oil is filtered before returning to the tank

Traction Lock Command (A8010)

#### TOPPER

Hydraulic accumulator charged with nitrogen

Number of Blades: 8

Severing drum: Bidirectional

Height Variation: 900 to 4000mm

Hydraulic height adjustment

Shredder topper: Optional

Number of shredder blades: 34

#### **CROP DIVIDERS**

Auxiliary side dividers

Tilt angle: 45°

Vertical side trim blades

Tilt angle adjustment: hydraulically-activated from the cab

Height adjustment: hydraulically-activated from the cab

Rotating point

Fixed/sliding point: available via parts (DIA Kit)

Floating sidewalls

Bolted bottom wear shoe

Autofloat (optional)

#### KNOCKDOWN ROLLER

Hydraulic and reversible drive

Toothed flights

Kit for severe conditions: available via parts

### Width: 1,080 mm

N° of Rollers: 5 Lower fixed and 5 upper floating

Hydraulic and reversible drive

Floating top rollers with rubber stop

Width of rollers: 900 mm

### MACHINE WEIGHT

A8010: 17,000 kg

A8810: 18,500 kg

#### ELEVATOR

Elevator chain drive: hydraulic and reversible with adjustable speed

Unload to any side or to the rear

Extension: 300 mm (standard); 900 mm (optional)

Hydraulically-activated flap

Bin guard to protect against damage from transporter

Chain tension adjustment: by bolt and fixed ruler

Total Turning angle: 170 °

Perforated floor

Daali baa kii

Back hoe type

Width: 850 mm

Frame: tubular

Reinforced flights

2 LED headlights mounted on the elevator

#### ELEVATOR DIMENSIONS

Elevator: 300mm, Distance: 4,330mm, Height: 4,690mm

Elevator: 900mm, Distance: 4.840mm, Height: 5.000 mm

Elevator: 1,500mm, Distance: 5,370mm, Height: 5,250mm

Elevator: 300 + 250mm, Distance: 4,460 mm, Height: 4,870mm

### PRIMARY EXTRACTOR

Hydraulically-driven hood slew

Fan Diameter: 1280 mm

Fan directly driven by the hydraulic motor

Rotation: from 600 to 1,100 rpm

Number of blades: 4

Rotation adjustment from the cab

Wear ring: Heavy Duty

Design: Antivortex

#### SECONDARY EXTRACTOR

Fixed speed

Hood slew: Hydraulic

TIOOG SICW. Hydraul

Turning angle: 360 °

Number of blades: 3

Fan Diameter: 940 mm

#### BASECUTTER

Drive: Hydraulic and reversible

Number of discs: 2 (demountable)

Distance between centre of legs: 630 mm

Number of blades per disc: 5 (replaceable)

Automatic basecutter height control (autotracker): Standard

Fuse Legs (3 pieces): Optional

#### SIDE TRIM BLADE

Hydraulic height adjustment with cab drive

Blade type: Serrated triangular blade in hardened steel

Number of blades: 8

#### CHOPPER

Number of blades per drum: 4

Diameter between chopper drum centres: 380 mm

Thrower rubbers: Standard

Adjustable deflector plates

Reversible hydraulic drive

Width of blades: 65 mm (replaceable)

Billet length adjusted from the cab

Optional: 3-Blade roller

### TRACKS

Type of chain: greased

Agricultural design shoes with folded edges

Width of shoes: 406 mm (16")

Guides: Heavy Duty

#### BUTTLIFTER

Hydraulic and reversible drive

Open slats (standard): Closed Slats (optional)

3 slats (standard); 4 Slats (optional)

Width: 900 mm

#### CAPACITIES

Fuel: 620 litres

Hydraulic oil: 480 litres

### OTHER FEATURES

3 operating cameras (standard)
Power cord with 10 metres cable

Mulch cleaning tool

### **DIMENSIONS**



