CASEI

AXIAL-FLOW[®] 250 SERIES COMBINE

CHROME EDITION



CASEI

CORE PRINCIPLES OF AXIAL-FLOW COMBINES:

SIMPLICITY

Axial-Flow combines are designed with fewer moving parts for unmatched reliability and easier serviceability.

CROP ADAPTABILITY

Designed to harvest over 134 types of grains in many conditions, the Axial-Flow combine is versatile enough to match your diverse harvesting needs.

Controlling crop flow is the
key to harvesting success.
The Axial-Flow feeder,
rotor, grain handling,
residue management
and power systems are
designed to optimize
crop flow and maximize
productivity.

MATCHED CAPACITY

GRAIN QUALITY

CHROME SEDITION

Gentle grain-on-grain threshing is the hallmark of the Axial-Flow design. From feeding to cleaning, the entire system is designed to minimize grain damage.

GRAIN SAVINGS

Axial-Flow combines pave the way for savings. Thorough threshing and efficient separation put more grain in the tank and more profits in your pocket.

RESALE VALUE

Case IH combines reward their owners with impressive resale value. A wide variety of kits are also available to enhance performance, upgrade technology, boost productivity and maximize your investment.

AXIAL-FLOW 250 SERIES COMBINE

Chrome Edition | Class 7, 8 and 9

HARVEST MORE OF WHAT YOU GROW

Designed for rice producers and adapted for corn and soybean producers, the Axial-Flow 250 series Chrome Edition combine is engineered to withstand the toughest and most abrasive conditions. It's an ideal solution for producers growing crops that are higher wear on the combine — like rice or high-moisture corn — and designed to help you stay productive through every harvest, season after season.

⁴⁴ The Case IH Chrome Edition combine package has absolutely addressed premature wear issues seen from harvesting rice. I am not seeing the wear that we have seen in the past.⁹⁹

Zack Tanner, Tanner Seed Farms

AXIAL-FLOW 250 SERIES COMBINE CHROME EDITION

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THE NEXT EVOLUTION OF HARVESTING IS HERE

The 250 series delivers superior performance and capacity. Spend less time under the unloading auger with high unload rates. Increase yield with superior grain sample quality and savings. Plus, with a large, quiet cab, you get maximum comfort and productivity engineered with agronomic and intuitive design.

FEEDER HOUSE

High-capacity features and heavy-duty feeding systems help ensure a smooth harvest. Axial-Flow 250 series combines include optional advancements to the feeder house, such as a heavy-duty feeder lift capacity to handle the heaviest of stripper heads, and fore/aft feeder faceplate tilt. Additional improvements include header height control software and improved feeder top-shaft reliability. These improvements result in even crop flow and greater durability.

Additional improvements:

- Optional feeder faceplate fore/aft control allows you to make adjustments from the cab.
- **Redesigned feeder top shaft drive coupler** features a crowned spline design for greatly improved durability and reliability.
- A simple **two-piece feeder floor design** reduces wear and increases durability and improves crop feeding.



2-SPEED ELECTRIC SHIFT GROUND DRIVE

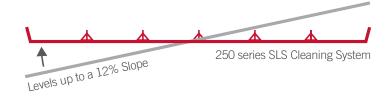
- Simplifies operation so you can use first gear for harvest and second gear for roading.
- Delivers **wider speed ranges** for more power for climbing hills and check levees providing propulsion through challenging ground conditions.
- Reduces the need to stop and shift in field or on the road.
- Uses a high/low propulsion system to toggle between low and high ranges on the fly to provide additional operator control when extra traction or change in speed is required.
- Uses closed-loop sensing for constant speed control (like cruise control in a car).
- Provides **greater torque through a wider speed range** without shifting due to increased displacement of pumps and motors for challenging and wet field conditions.
- Improves traction and field performance with an **optional differential lock that is electrically actuated** and hydraulically engaged.
- Provides enhanced efficiency features to **improve fuel savings** in road mode during transport and auto-idle RPM in economy mode.

EXCLUSIVE POWER PLUS[™] CVT COMBINE DRIVES

- The innovative Power Plus continuously variable transmission (CVT) combine drive features a belt-free, low-maintenance design with variable speed drives.
- An exclusive in-cab rotor de-slug accommodates high-volume, tough-threshing crops.
- Delivers the convenience of hydraulic variable control and the efficient power transfer of a mechanical system.
- Designed to meet the high-horsepower demands of our 250 series combines.

SELF-LEVELING CLEANING SYSTEM

The self-leveling cleaning system (SLS), standard on Axial-Flow 250 series combines, saves grain and increases productivity on flat ground as well as on hills. The entire system (grain pan, top sieve, bottom sieve and fan) levels itself for optimal cleaning efficiency on flat fields or hills and banks on end row turns, minimizing potential grain loss.

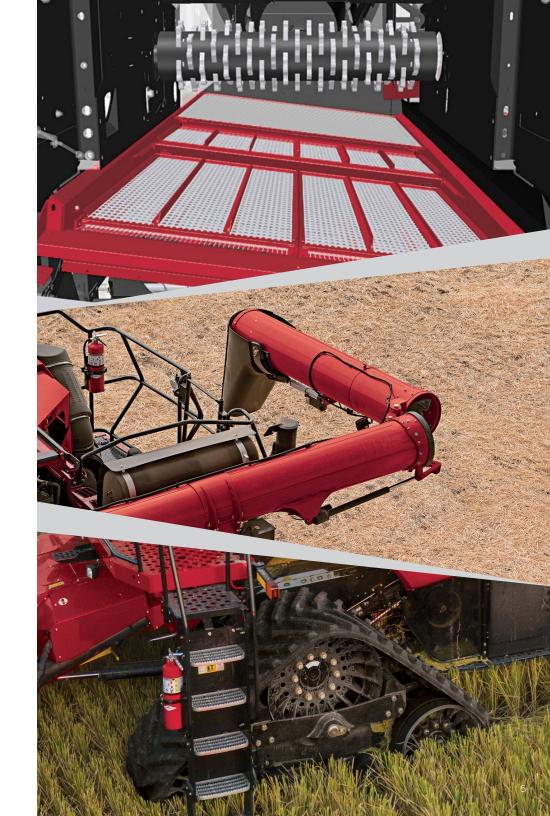


PIVOTING SPOUT AND FOLDING AUGER

• **Two folding auger options** on the 250 series provide easier transport and storage with an added benefit of a smaller footprint when opening up the field. Pivoting spout, available on all models, adjusts the flow of grain up to 3 feet without changing the position of the grain cart or combine.

AVAILABLE TRACK VERSIONS

- To help widen your harvest window, the front axle of the 250 series combines can be equipped with the rugged, triangular Quadtrac[®] track system for greater flotation and less soil compaction. The Quadtrac design uses two 30- or 36-inch-wide rubber tracks to reduce ground pressure by 50% to 60%. This results in minimal soil disturbance, a smooth and comfortable ride and less stress on your fields.
- Axial-Flow combines now have the option for factory-installed PowerFlex Trax[™]. The PowerFlex Trax system is fully suspended and delivers enhanced operator comfort as they float over fields on long harvest days. The tracks provide high flotation in wet fields, help reduce compaction with a larger footprint and require minimal maintenance. And, they have a maximum transport speed of 25 mph. Ask your Case IH dealer about our track options and which solution is best for your operation.



AXIAL-FLOW COMBINE CABS

Thanks to your input, Case IH has taken one of the largest, most comfortable combine cabs in the industry and made it even better, providing the ultimate in convenience, comfort and productivity for your office in the field.

COMFORT, CONTROL AND CONNECTABILITY

- Slide rail console.
- Standard AFS Pro 700 display.
- Cellphone cradle with USB power port — easy reach and readability.
- Separate power outlet.
- Optional cloth or redesigned highback leather seat with a comfort plus pad.
- Standard Bluetooth[®] radio.

• AFS Connect compatible modem and subscription come standard to support machine and agronomic data transfer on new Axial-Flow combines.

REFINED MULTIFUNCTION HANDLE

S

- Moves with seat for smooth operator control.
- Similar function grouping at your fingertips.
- Multiple settings easily saved for future use.
- Configurable header raise and lower buttons.
- Optional cross auger control.
- Optional pivoting spout.
- Optional feeder faceplate fore/aft adjustment.

INSTRUCTIONAL SEAT WITH PORTABLE FRIDGE

- Instructional seat backrest flips down to create a work surface.
- Double duty side seat serves as work surface or lunch cooler.
- Portable fridge included in luxury cab package.
- Portable fridge can be removed to take home to clean and repack for the next day.
- Fridge comes with two power cords one for the vehicle and one for the combine.



CHROME EDITION DECAL

Easily identify the Chrome Edition combine by the unique decal on the cab door.

CONCAVE H-FRAME

Front left-hand channel, an area prone to wear, is reinforced with HVOF coating.

250 SERIES AXIAL-FLOW COMBINES: CHROME EDITION

The 250 series Axial-Flow Chrome Edition combine is an ideal solution for producers growing abrasive, high-wear crops. Our team worked extensively with customers and dealers across the country from Texas and south Louisiana to the bootheel of Missouri and Mississippi to engineer a more durable combine. The result is our toughest combine yet—ready to handle even the most difficult harvest conditions.

HALF MOON ROTOR COVER DOOR (not shown)

• The entire inside of the door is chrome coated to increase the durability wear characteristics.

B ROTOR BEARING SUPPORT PLATE

• Chrome coating is added to protect the support plate.

FEEDER HOUSE

- 4-chain/3-strand feeder chain
- Adjust the cutterbar to the optimum angle for feeding
- Improved feeder top shaft design for reliability and durability
- Improved design to increase crop flow and reduce wear

ROTOR INLET SUMP (LOWER HALF MOON DOOR) (not shown)

CASEII

 High Velocity Oxygen Fuel (HVOF), a thermal spray coating process that extends equipment life by increasing wear resistance, is extended over the leading edge.

CLEAN GRAIN ELEVATOR BOOT COVER PLATE (not shown)

The grain engaging side of the plate cover is coated with HVOF increasing durability in abrasive crops.

TAILINGS PROCESSOR (not shown)

 Stronger components and additional welding and hardware decrease equipment stress while they
 increase durability. These improvements have significantly increased the durability and reliability.

BUBBLE-UP AUGER (not shown)

New bubble-up auger contains extended-wear, hard-face coverage to the last 360-degree wrap of flighting for improved life in high wear conditions and abrasive crops.

C LIGHTING OPTIONS

Multiple lighting packages to suit your needs

- Optional distance lighting package available
- New premium LED lighting package

250 SERIES AXIAL-FLOW COMBINES: HIGH-CAPACITY, HIGH-EFFICIENCY

Producers with large acreages and crops of all types will appreciate the crop adaptability, grain quality and grain savings of the Class 7, 8 and 9 250 series Axial-Flow combines. They feature proven Tier 4 B/Final emissions-certified engines using SCR-only technology with 11.1-L, 12.9-L and industry-leading 15.9-L engines with up to 550 rated horsepower and 625 peak horsepower. Couple that power with 410-bu. capacity and an unload rate of up to 4.5 bu./second for the productivity you need. The 250 series includes extra features like a self-leveling cleaning system, belt-free Power Plus CVT drive with an in-cab de-slug feature and automatic crop settings for quick, push-button return to the machine settings you use most.

LUXURY CAB

Includes all features of deluxe cab plus:

- Additional storage compartments
- Leather-wrapped steering wheel
- Electric/heated mirrors
- Standard portable fridge
- Optional leather seat
 with comfort plus pad

10,075-SQ. IN. CLEANING SYSTEM

- One of the largest in the industry for Class 7 through 9 combines
- Self-leveling (up to 12%) cleaning system maximizes efficiency and grain savings
- Grain pan starts cleaning process and improves cleaning system efficiency

410-BU. GRAIN TANK

- Standard manual fold extensions
- Optional in-cab folding extensions or covers

UNLOADING AUGER LENGTH TO MATCH HEADER WIDTH

- 7250 and 8250: 4.0 bu./sec; 8250 and 9250: 4.5 bu./sec
- Standard fixed spout, optional pivoting spout with grain saver door

FPT TIER 4 B/FINAL SCR-ONLY ENGINES (not shown)

Responsive power and improved fuel economy for demanding harvest conditions

F PTO GEARBOX

Provides simple efficient power for

combine and hydraulic systems

Direct drive from engine

Emissions treated in the exhaust

RESIDUE CHOPPER OPTIONS

• The 40 blade internal chopper with a new top bevel knife design cuts crop residue efficiently while promoting biological breakdown.

VERTICAL SPREAD OPTION

 The optional horizontal twin disk spreader system, (shown below) with speed spread control, evenly distributes the chopped material on the field for optimum integration into the soil.





G CONTINUALLY VARIABLE TRANSMISSION DRIVES

- CVT rotor drive
- CVT feeder drive
- Patented feeder to ground speed control
- Exclusive in-cab de-slug feature

AFX ROTOR

- Available in both small-tube (27") and large-tube (30") rotor configurations
- Creates smooth crop flow
- Improves throughput
- Puts more high quality grain in your tank
- 180 degrees of concave wrap
- 7 threshing and separating module options
- Adjustable cage vanes improve threshing and throughput

CHOPPER PAN

CASE III

 New durable AR200 material reduces wear to the chopper grate.

A HARVEST LIKE YOU'VE NEVER SEEN

Premium LED lighting package

Every producer knows that a hard day's work on the farm isn't always from 9-to-5. That's why the new Axial-Flow 250 series combine is designed to operate whenever you need to, from the pre-dawn morning until long after the sun sets. With premium LED lighting offering better nighttime visibility and round-the-clock harvesting options, you'll be able to increase operator productivity while maximizing your harvest window.

SEE THE IMPROVEMENT

- Stubble lights: up to 300% light intensity improvement
- Unload tube light: average of 70% light intensity improvement
- Rear work lights: overall light intensity improvement of over 1000%
- Common service areas: average of 420% light intensity improvement





WATTAGE COMPARISON	MODEL YEAR 2021 (All halogen)	MODEL YEAR 2022 (AII LED)
2 Stubble Lights, 1 Unload Tube, 2 Reverse	55W	50W
1 Grain Tank	16W	15W
4 Under Shield Lights, 1 Engine Deck Light	37.5W	15W
2 Sieve Lights	37.5W	15W
2 Mirror	40W LED	50W LED for increased light output
COMMON LIGHTS		
6 Main LED Headlight	36W	
2 Distance/Center LED Headlight	24	4W
2 Distance LED	60	W

CHROME

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TECHNOLOGY IN THE FIELD:

Monitor, map and evaluate your crop's performance to help maximize profit and yield. Compare yield and moisture data with prior yield maps to determine what factors or operations will maximize future yields. If you're not in the driver's seat during harvest, monitor harvesting data remotely through AFS Connect to help make recommendations for maximizing efficiencies.

AUTOGUIDANCE

• AFS AccuGuide[™] autoguidance provides hands-free steering to achieve and maintain accurate row positioning in ever-changing harvest conditions and ease operator fatigue during long hours of operation. Case IH offers various guidance corrections from sub-meter to sub-inch tailored to your operation and farming practices.

FIELD SOLUTIONS

- Auto-Cut Width adjusts combine cut width when traveling through odd-shaped fields, point rows or previously harvested areas to provide accurate yield reading and postharvest yield maps to give you the tools to best plan for next year's crop management programs.
- **Yield and Moisture** monitoring and mapping capabilities display harvest data in the cab. The detailed harvest data is recorded to help make decisions to improve current yield and maximize future yield potential.
- **AFS Variety Tracking** connects spring planting maps to the combine to analyze seed variety performance using data from planting in conjunction with yield and moisture data tracked at harvest up to 30 different varieties per field.
- Auto Clean helps the producer clean out the machine between crop types with a simple button press.

AFS CONNECT

AFS Connect allows you to precisely manage your operation anywhere from a computer, phone or tablet.

- Fleet Management: Coordinate unloading, maintenance and refueling to make the most of tight harvesting windows. Efficiently plan your day by sharing guidance lines and field boundaries with multiple pieces of equipment.
- Visualize Data: Create and upload field boundaries with custom layers—from planting/seeding to harvesting. Aggregate data from multiple machines in one field and visualize actionable layers of agronomic data. Upload yield data direct from the field with a subscription or via USB with a free AFS Connect account, giving you flexibility to manage, store, and view your data.
- **Custom Reports:** Build reports that show area worked, yield average, flow average, moisture average and more. Your agronomic data is all online and available to generate valuable activity reports for yourself or other trusted partners.

- **Custom Alerts:** Receive notifications about yield moisture and other harvest data. Configure alerts straight to your mobile phone to notify you when the machine is operating outside of the parameters you set.
- **Data Sharing:** Transfer harvesting data. Securely share information to farm managers, dealers or trusted partners as you choose.
- AFS Connect Farm App: View and monitor your equipment and field information in one place, all on your mobile device or tablet.





EQUIPMENT INFORMATION AT YOUR FINGERTIPS

When you have questions about Case IH equipment maintenance, there's no time to lose getting back in the field. MyCaseIH.com is your all-new destination for Case IH product support, including free operators manual downloads, AFS training videos, how-to tutorials and maintenance tips to help you through questions or situations you encounter every day.

Create a free MyCaseIH account and use the same login credentials to access the features of the AFS Connect app today!





Google Play

AFS HARVEST COMMAND COMBINE AUTOMATION: THE FUTURE OF HARVESTING

Significant advancements in automation on the 250 series Axial-Flow combine lead the way in the future of harvesting technology. AFS Harvest Command automation proactively adjusts the combine as crop conditions change using exclusive, patent-pending technology to help inexperienced operators achieve the productivity of an expert operator. AFS Harvest Command automation is officially supported for the following crop types: corn, soybeans, canola, barley, wheat and rice.

As your conditions and varieties change, new work conditions have been implemented for AFS Harvest Command. Whether you're in high moisture corn, green stem soybeans, or wheat with a stripper header or heavy flag condition rice, Case IH has you covered by a simple touch of button to preset the machine for these various conditions driving efficiency and productivity.

CHOOSE FROM FOUR MODES OF AUTOMATION TO FIT YOUR OPERATION

- **Performance:** Maximize grain savings and grain quality while optimizing throughput.
- **Grain quality:** Maximize grain quality while also saving grain and optimizing throughput.
- **Max throughput:** The operator can maximize throughput while automation adjusts combine settings to save grain.
- **Fixed throughput:** The operator can fix the machine throughput and the machine will adjust to save grain and maintain a quality sample.

MAKE EVERY DRIVER AN EXPERT OPERATOR

Fine-tuning harvest settings and adjustments can test even the most experienced operator. AFS Harvest Command automation helps refine the harvesting process by reducing the number of functions you need to monitor in the cab from twelve to three. **With AFS Harvest Command, you control concave clearance, header position, and grain tank unload while the automation system takes care of the rest.**



QUANTIFY YOUR PERFORMANCE

With AFS Harvest Command, further dial in your machine with the new sensitivity adjustments. For rotor, sieve, grain quality and material other than grain sensitivities, the operator can now observe machine performance to easily dial in machine sensitivities and machine performance while using AFS Harvest Command.

-		Corp Type Sec. I see Corp Type	
	Back Run1	Run2 Run3 Run4 Run5	Run6

With AFS Harvest Command, we were able to have our sample so clean, zero chaff, zero broken grain. The seed wheat that we get every year, we've always got broken kernels in it. I would rather have taken the grain straight from my combines and put it into my drills as opposed to buying seed wheat, that's how clean and effective the combines were. We were able to cut 70-bushel wheat with a 40-foot header at 7 miles an hour through the field. It is astronomical."

Nathan Kelley, Kansas

16 SENSORS MONITORED BY AFS HARVEST COMMAND

AFS Harvest Command **automatically adjusts seven machine settings** (ground speed, rotor speed, cleaning fan speed, presieve, upper sieve, lower sieve, cage vane angle) **based upon 16 sensor inputs and comprehensive algorithms to maximize productivity and grain quality and to minimize losses.**

- A Ground Speed Sensor
- B Ground Drive Pressure Sensor
- c Inclination Sensor
- D Cage Vane Position Sensor
- E Flow/Yield Sensor
- F Grain Camera

- G Presieve Position Sensor
- H Upper Sieve Position Sensor
- Sieve Loss Sensor
- J Sieve Pressure Sensors
- K Lower Sieve Position Sensor
- L Fan Speed Sensor

Not shown:

- Engine Load Sensor
- Rotor Speed Sensor
- Rotor Loss Sensors
- Tailings Volume Sensor



SERVICEABILITY AND SUPPORT

KNOWLEDGEABLE DEALERS WHO WORK WITH YOU

Case IH dealers understand the need to optimize your equipment return on investment. Your dealer will work with you to configure an Axial-Flow combine to fit your operation and provide the support you need to maximize its value. **Go to caseih.com to build and price the combine that is right for your operation or talk with your local Case IH dealer today.**



250 SERIES SPECIFICATIONS	AXIAL-FLOW 7250	AXIAL-FLOW 8250	AXIAL-FLOW 9250
Combine Class Size	Class 7	Class 8	Class 9
ENGINE			
Type - Tier 4 B/Final		Case IH - FPT	
Displacement	11.1 L (677 cu. in.)	12.9 L (787 cu. in.)	16.0 L (970 cu. in.)
Horsepower (Rated/Maximum)	402 hp (299 kW)/468 hp (349 kW)	480 hp (358 kW)/555 hp (414 kW)	550 hp (410 kW)/625 hp (466 kW)
Power Rise	66 hp (49 kW) 75 hp (56 kW)		(56 kW)
Unload Boost - Power on Demand	66 hp (49 kW) 75 hp (56 kW)		(56 kW)
Fuel Tank/DEF Tank Capacity	297 gal. (1 124	L)/43 gal. (166 L)	317 gal. (1200 L)/43 gal. (166 L)
FEEDER			
Feeder Width	54 in. (1372 mm)		
Feeder Length w/o Rock Trap		94 in. (2388 mm)	
Feeder Drive Type		CVT drive	
Reverser System		CVT hydraulic	
Head Lift Cylinders		2.95 in. (75 mm)/3.5 in. (90 mm)/3.7 in. (95 mm)	
Lateral Tilt Range Optional		+/- 5 degrees	
Fore/Aft Faceplate Tilt Optional		12 degrees	
Stone Trap Optional		Spiral Beater/Sump	
THRESHING/SEPARATING		opiral boaton ourip	
Threshing Type		Rotary	
Rotor Drive Type/Rotor Diameter		CVT Drive/30 in. (762 mm)	
Rotor Speeds		220–1180 rpm	
Number of Concave/Modules		2 pair	
Threshing/Separating Area Wrap		180°/180°	
Separating Grates/Modules		2 pair	
Discharge Beater Standard/Optional		Integral chopper/beater and chopper options available	
Auger Bed		No	
Active Grain Pan		Yes	
Grain Loss Monitor		Standard equipment	
Cage Vanes Standard/Optional		Manual adjust with turn buckle / In-cab adjustable	
CLEANING SYSTEM			
Cleaning System Width	62 in. (1575 mm)		
Total Sieve Area	62 In. (1575 mm) 10,075 sq. in. (6.9 m²)		
Fixed or Self-leveling Cleaning System			
Cleaning Capability % Slope (Degrees)	Self-leveling		
Sieve Louver Adjustment (In-cab/Manual)	12.1% (7.0°) Shandord (/) (A		
Cleaning Fan Type/Drive	Standard/N/A Cross Flow for /budravila		
Fan Speed Range	Cross-Flow fan/hydraulic		
Fan Diameter	<u>300–1150 rpm</u> 15.4 in. (391 mm)		
CONVEYING AND STORAGE		13.4 III. (331 IIIIII)	
Tailings Elevator		Tri sweep crop processor	
Clean Grain Elevator (Dimensions/Capacity)	11.9×10.4 in. (302×264 mm)/6,500 bu/hr.		
Grain Tank Capacity Standard/Optional	315 bu. (11 100 L) / 410 bu. (14448L)		14 448 L)
Unloading Auger Length	515 DU. (11 100 L) / 410 DU. (14440L)	28 ft. 9 in. (8.8 m)	14 440 L/
Unloading Rate	4.0 by (1411) per second		L) per second
DITIOADING RATE	4.0 bu. (141 L) per second	4.5 DU. (159	
Wheel Base - 2WD Axle / Pra Opt.		147.7 in. (3 752 mm)/148.5 in. (3 772 mm) - PGA	
Width (Overall Single Tires 120-in. Tread)	147.7 in. (3 752 mm)/148.5 in. (3 772 mm) - PGA 152 in. (3 861 mm) 156 in. (3 962 mm)		
Minimum Weight (2WD and Single Drive Tires)	42,245 lb. (19162 kg)	42,845 lb. (19434 kg)	43,790 lb. (19863 kg)
Typical Weight (2WD and Dual Drive Tires)	46,378 lb. (21037 kg)	46,979 lb. (21 309 kg)	43,730 lb. (13803 kg) 47,924 lb. (21738 kg)
Cab Height	153.5 in. (3 899 mm)		3 904 mm)
TECHNOLOGY	100.0 m. (0 000 mm)	100.7 m. (
AFS Connect Advanced With 2 Way File Transfer			
Combine Automation Standard/Optional	No automation / AFS Harvest Command		

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SAFETY NEVER HURTSI[™] Always read the Operators Manual before operating 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. CNH Industrial America LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice. Availability of some models and equipment builds varies according to the country in which the equipment is used.

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