

AXIAL-FLOW[®]

COMBINE HARVESTERS
4088HD EXCLUSIVE
4099 EXCLUSIVE



AXIAL-FLOW[®]

CASE IH

CASE IH



A SUCCESSFUL HARVEST STARTS HERE.

Keep performance up no matter what

Case IH Axial-Flow® combines were launched in 1977 in the USA. Within 35 years, the product was upgraded and its capacity increased and Axial-Flow® became the benchmark for harvesting all around the world.

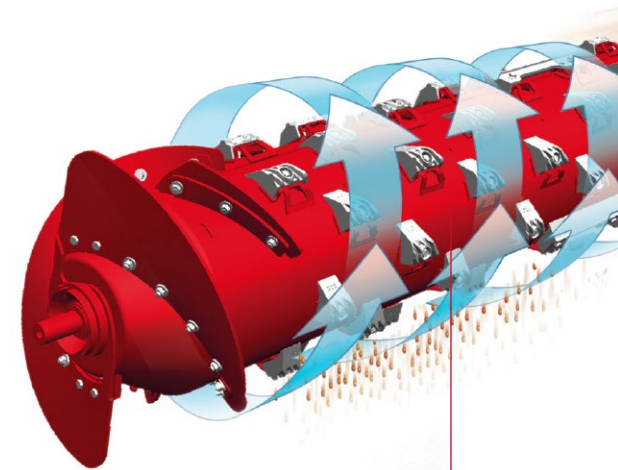
The R&D Centre and the new manufacturing complex in Harbin, China, is producing Axial-Flow combines with Global sourcing and with the worldwide Case IH quality well known by our customers. This provides farms and farmers with first class harvesting solutions and excellent capacity, performance and efficiency and unbeatable grain quality.

ULTIMATE PERFORMANCE...

Axial-Flow 4000 Series combines exceed anything on the market when it comes to sheer output. These are machines designed to put tonnes in the trailer as fast as possible – in all crops and all conditions.

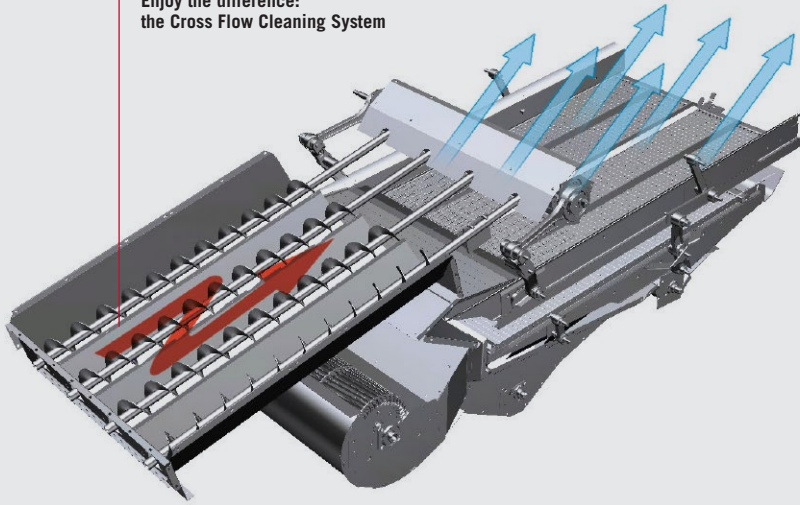
ONE ROTOR FOR ALL CROPS AND CONDITIONS

At the heart of every Case IH Axial-Flow 4000 Series combine is the legendary 610 mm diameter Axial-Flow rotor. It's been developed to improve threshing performance in all crops and boost throughput in damp conditions, regardless of crop type or moisture content, and without compromising grain and straw quality.



One rotor for all crops and conditions

Enjoy the difference:
the Cross Flow Cleaning System



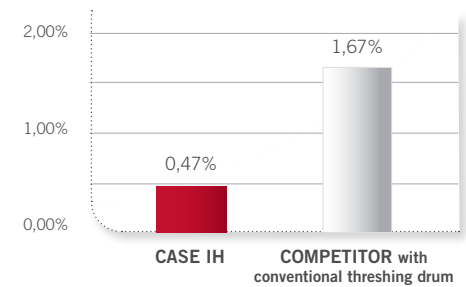
GRAIN-ON-GRAIN THRESHING

The grain-on-grain threshing action of Axial-Flow not only limits grain losses in the field through more effective separation, but also ensures that what goes into the grain tank is unbruised and unbroken, protecting top quality and adding revenue to your bottom line. There's no high-impact conventional drum like that used in conventional or hybrid combines and the transition from threshing to separation is completely seamless.

ENJOY THE DIFFERENCE: THE CROSS FLOW CLEANING SYSTEM.

It's not just the rotor that makes the Axial-Flow different. The Cross Flow® cleaning system which follows the separation process uses chevron-shaped fins to create a uniform vortex along its axis to generate high volumes of air throughput. Unlike conventional systems, there are no air pockets created – distribution is consistent across the underside of the sieves – and fan speed is fully adjustable to cater for finer-seeded crops. The result? Higher cleaning capacity.

AVERAGE CRACKED GRAIN CONTENT



Observed by: Agricultural Chamber of Upper Austria

A NEW DIMENSION

In productivity

Designed to tackle the challenges and constraints under which modern farm businesses must work, new Case IH Axial-Flow 4000 Series combines are engineered with innovation to meet the demands of customers requiring fast return on investment using the most advanced and gentle threshing technologies.

FINGER ALWAYS ON THE PULSE

To overcome all these challenges and preserve grain quality, Case IH is constantly working on improving its combines, and invests heavily in research and development of existing products.

1

LATERAL TILT FEEDER

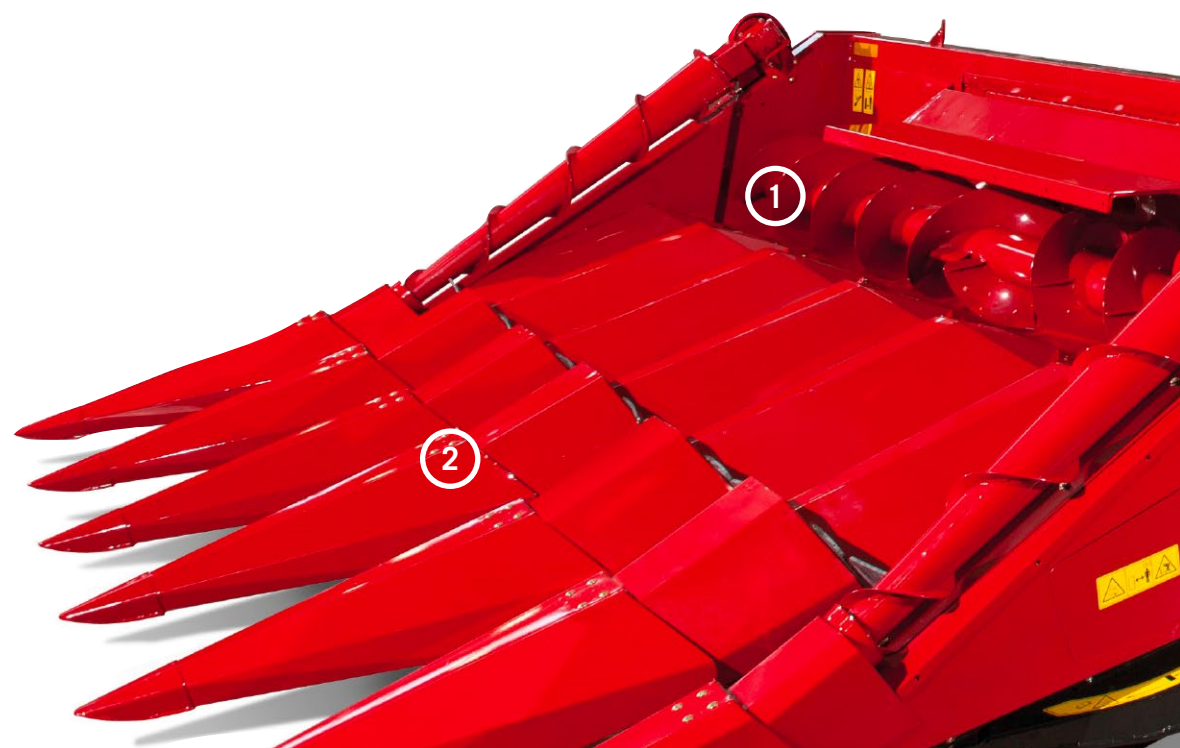
The new lateral tilt function ensures perfect ground contour especially on soybean or everytime a laid crop have to be harvest

2

HEADER

Axial-Flow 4000 Series combines can be equipped with the latest generation Case IH headers which are available in widths up to 6.1 m or 8 rows for corn

The new cab control interfaces will offer a driving experience comparable with bigger CASEIH combines





3

GRAIN TANK CAPACITY*

4088HD 6000 L
4099 6500 L

*Volume measured following ISO5687 standard

4

UNLOADING RATE

63 lt/sec for the whole Axial-Flow® 4000 Series range

5

ENGINE

The 6.7 lt FPT engine, regardless the power rating always ensure a strong torque rise improving the overall machine performance and optimizing the fuel consumption

6

RESIDUE MANAGEMENT

Chop and spread evenly for rapid decomposition to start off the new season. To preserve straw quality the integrated strawbeater is the right choice.

7

CLEANING SYSTEM

Just enough air to obtain the cleanest grain sample yet prevent grain loss, whether working in the body of the field or when manoeuvring in and out of the crop

8

THRESHING SYSTEM

Specific rotor configuration for any crop and field condition



WELCOME TO YOUR HARVEST OFFICE

Total control at your fingertips

Perfectly in line with the Axial-Flow® family, the 4000 Series cab delivers an amazing feeling of space and comfort: exactly what's needed to guarantee optimum performance even in the longest working days.

More than 3.74 m² of glass provide unrestricted panoramic view and excellent visibility of the header, the crop-flow into the feeder and unloading auger, while sitting comfortable on your suspended and individually adjustable seat. The perfect working environment is guaranteed by high air filter capacity, standard heating and optional A/C.

MAXIMUM PERFORMANCE ALWAYS AT HAND

The easy to operate multifunction handle groups all the main combine controls in the palm of your hand for intuitive and super productive harvesting operations. The unloading engagement through joystic allows better control either unloading on the go or when filling trucks at the end of the field..

AF700 PRO DISPLAY

Delivering business class ergonomics for fatigue free operation, the right hand console integrates many of the combine's essential controls for a clear overview within easy reach. The new AF700 PRO display is the perfect interface for any operator. It's easy to use and provides immediate and easy to read information in any condition. Customers owning a fleet of CASIH combines will find the same family feeling and usability of the bigger models.

TURNING DARK NIGHTS INTO BRIGHT WORKING DAYS

Six cab roof integrated powerful work lights deliver increased header and field visibility for higher productivity during late night harvesting. All lights controls are located on the top left hand side panel, with one switch to turn on/off the different working lights.

DETAILS THAT MAKE THE DIFFERENCE

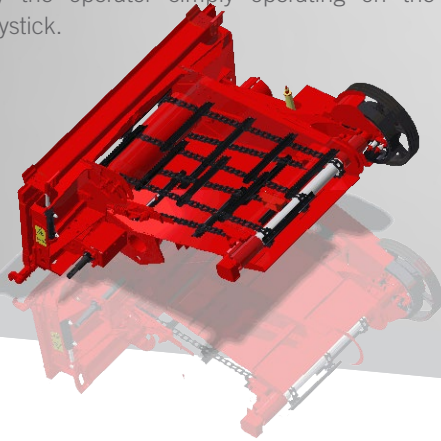
With the new Axial-Flow 4000 Series, Case IH paid special attention to all of the details to deliver a modern cab for the modern farmer.

Curved cab glass assures the maximum visibility of all crucial combine functions. This view can be enjoyed from the comfort of an ergonomically designed operator's seat with cab air conditioning. Industry leading cab design actively works to reduce the noise of harvesting operations.



NEW LATERAL TILT FEEDER CHANNEL

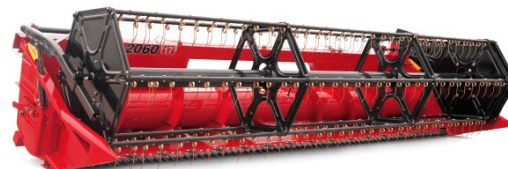
The new feeder (optional on AF4088HD and standard on AF4099) allows to handle the heaviest headers ensuring the perfect ground contour. Every soil variation can be followed by the operator simply operating on the joystick.



EFFICIENCY, VERSATILITY AND PRODUCTIVITY

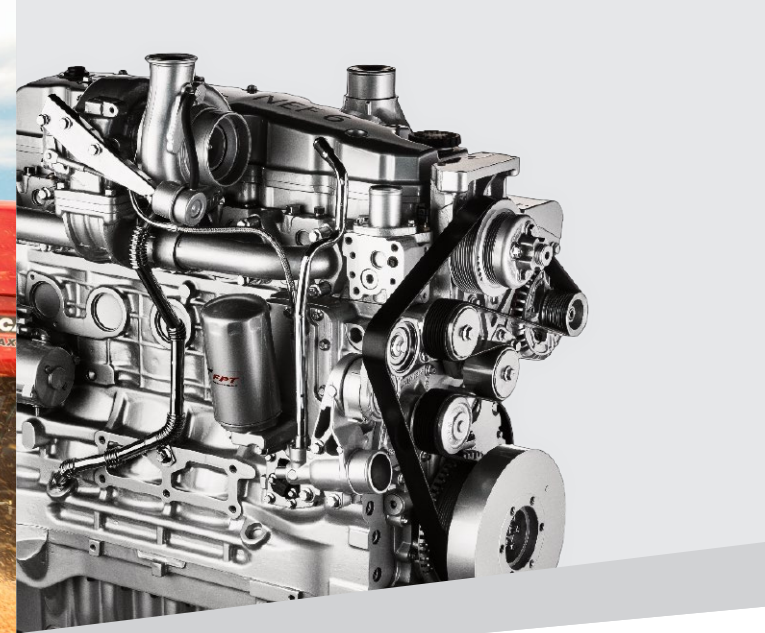
2060 SERIES GRAIN HEADERS

For optimum cutting performance, the Axial-Flow 4000 Series combines can be fitted with high capacity 2060 Series grain headers. Available in three widths (4.57 m, 5.18 m and 6.10 m) and featuring robust mechanical reel drive, these headers deliver state-of-the-art, proven grain header technology. New Axial-Flow 4000 Series combines can be also fitted with 6.10 m 3020 flex headers as well as with 3.66 m 3016 pick-up header for windrowed crops.



5500 SERIES CORN HEADERS

Specifically designed for Axial-Flow with strong shaft drivelines to ensure reliability. Cobs are precision picked and handled gently. The unique industry leading stalk chopper (available only for 6 row model) completes a perfect job. A consistent short chop length and even spreading of chopped material leaves a clean field behind.



DURABILITY AND SERVICEABILITY

New Axial-Flow 4000 Series combines have fewer moving parts, are simple to operate, more reliable, and less costly to maintain than conventional designs or more complex rotary and hybrid designs. All service points can be reached from ground level or a single step. With heavy items placed at ground level and easy to reach lube points and hanging filters, routine maintenance and daily checks are safe, easy and quick.

POWERFUL AND EFFICIENT ENGINES

New Axial-Flow 4000 Series combines are powered by Efficient Power FPT Industrial 6.7 litre engines. These in-line, six-cylinder engines delivering up to 230 rated HP rated hp and

meeting Tier III emission standards, are turbocharged and air-to-air after-cooled, providing proven and dependable engine performance in all conditions.

GRAIN HANDLING

6000L (Axial-Flow 4088HD) and 6500L (Axial-Flow 4099) large grain tanks, allow for extended harvesting between successive unloading. A Standard 5 m unload auger is available on Axial-Flow 4088HD and 4099 model. For customers using headers wider than 20ft (an new XL unloading tube (6.1m) is now available to allow unloading in any condition.

STRAW MANAGEMENT

The sturdy integrated straw chopper with 2 rows of knives and 2 x 14 knife configuration, allows for optimised residue performance. The proven horizontal twin disk spreader system, with 2 speed spread control, evenly distributes the chopped material on the field for optimum integration into the soil. For customers that wants to bale straw a dedicated straw beater is available to respect straw structure and ensuring perfect bale process and optimum density.



BE A FARMER, WE TAKE CARE OF THE REST.

The Case IH commitment is to be there for owners when they need aftersales advice. That's why we have put together a comprehensive service package for our customers. We build on a strong local network in order to be there as quickly as possible in an emergency, and offer you a comprehensive customer service program.

These services range from technical support, advice regarding AFS questions, pending service checks, and organisation and provision of the right spare parts, through to the correct financing of your Case IH product. Everything tailored to your needs and our products – just as services should be.

GENUINEPARTS

WE KEEP YOUR EQUIPMENT RUNNING.

Your local Case IH dealer is highly trained to give you expert advice and solve problems, ensuring the correct, genuine Case IH parts are located and dispatched as soon as possible to keep your machine in top condition.



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!



MODELS	AXIAL-FLOW 4088HD EXCLUSIVE	AXIAL-FLOW 4099 EXCLUSIVE
ENGINE		
Displacement (l) / Emission	FPT Industrial 6.7 l / TIERIII	FPT Industrial 6.7 l / TIERIII
Rated power at 2100 rpm (kW/hp)	155 / 210	169 / 230
Max. power at 2000 rpm (kW/hp)	177 / 240	191 / 260
Power rise (kW/hp)	22 / 30	22 / 30
Fuel tank, diesel/Tier 3 (l)	500	500
Air compressor	○	○
TRACTION		
Transmission	3 speed hydrostatic	3 speed hydrostatic
Fixed steering axle	●	●
Powered rear axle	○	○
THRESHING / SEPARATING		
Rotor speed range (rpm) / Rotor gears	250-1,150 / 2	250-1,150 / 2
Rotor diameter / length (mm)	610 / 2,451	610 / 2,451
Total separation area (m²)	1,23	1,23
Threshing / separating modules wrap angle (°)	156	156
Number of threshing / separating modules	3 / 3	3 / 3
CLEANING SYSTEM		
3 step cleaning system	●	●
Cleaning shoe width (mm)	1,142	1,142
Total sieve area under wind control (m²)	4,16	4,16
CLEANING FAN		
Fan speed range	450-1,350	450-1,350
RETURN SYSTEM		
Tailings return type	To rotor	To rotor
GRAIN TANK / UNLOADING		
Grain tank capacity (l) - measured following ISO5687 standard	6000	6500 with tarp cover
Unloading rate (l/s)	63	63
Unloading auger effective length, measured from center of combine (m)	5.0 - 6.1 opt	5.0 - 6.1 opt
STRAW CHOPPER & SPREADER		
Number of knives: chopper/counterbar	28 / 25	28 / 25
Chopper speeds	2	2
Spreader type	Horizontal, twin disc	Horizontal, twin disc
Heavy-Duty strawbeater	○	○
HEADERS		
2060 Grain header cutting widths (m)	4.57-5.18-6.10	4.57-5.18-6.10
5500 series (nr of rows/spacing)	6 or 8 rows	6 or 8 rows
Stalk chopper	Optional 2-blade (up to 6 rows)	Optional 2-blade (up to 6 rows)
3020 Flex Headers cutting widths (m)	6.1m (hydraulic reel drive kit needed)	6.1m (hydraulic reel drive kit needed)
3016 Pick Up Header cutting widths (m)	3,66	3,66
OVERALL MACHINE SPECS		
Length – feeder to rear trim panel (mm)	7,231	7,338
Wheel base (mm)	3,656	3,656
Minimum height (transport) (mm)	3,939	3,961 / 4,294 (with extension open)
Width with 28L - 26 R1W tyres fitted – min (mm)	3,320	3,320
TYRE OPTIONS		
Grain and Corn 2WD	Front 28L-26 R1W 16PR / Rear:14.9R24 R1W 12PR	Front 28L-26 R1W 16PR / Rear:14.9R24 R1W 12PR
Grain and Corn 4WD	Front 28L-26 R1W 16PR / Rear:16.9-26 R1W 12PR	Front 28L-26 R1W 16PR / Rear:16.9-26 R1W 12PR
Rice 4WD	Front 28L-26 R2 16PR / Rear: 16.9-26 R2 12PR	Front 28L-26 R2 16PR / Rear: 16.9-26 R2 12PR

● Standard ○ Optional - not available



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CNH Industrial Asia Pacific

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.

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