

# AXIAL-FLOW®

240 SERIES - 7240 / 8240 / 9240







# AXIAL-FLOW® 240

## PERFORMANCE AT ITS BEST

Combines of the Case IH Axial-Flow® 240 series are high-performance specialists for European fields. Built for challenges associated with climate change, high-yielding crops and the need to become ever more efficient, Case IH Axial-Flow® combines are changing the landscape of harvesting technology yet again. With their increased power and enhanced threshing technology, the new Axial-Flow® models provide solutions for today's and future challenges.

### STRIVING FOR PERFECTION

The increased engine power on all models of the 240 series meets the demands of large modern farms and contract businesses: high-speed harvesting, increased threshing capacity and the capability to work smoothly even under most challenging conditions. As inventor of the single Axial-Flow® rotor design, Case IH continuously invests in engineering to further optimise what is already setting industry standards. Rotor and feeder design were specifically enhanced to efficiently match the engine power of the Axial-Flow® combines working with large headers under tough European harvesting conditions. At the same time productivity is optimised and grain losses minimised even during high-speed operation. In addition, with the higher capacity of the grain tank you will have plenty of time to manage the unloading process.

### CUSTOMER-BENEFITS ARE KEY

There is one clear principle: Case IH Axial-Flow® combines are developed and built for our customers – for easy operation, quick and simple adjustments as well as utmost reliability. Daily services can be dealt with quickly – and mostly from ground level – as all essential parts and areas are easily accessible.

When changing between crops or fields, the “Clean Out” function on the AFS Pro 700 screen helps to clean out the combine fast. When the function is activated, this is a major time saver and particularly useful for seed growers for example.

### INDUSTRY-LEADING EXHAUST TREATMENT

Case IH decided to use SCR-technology right from the start. This decision turned out to be groundbreaking, as it resulted in markedly lower emissions and an extremely high reliability of our engines. With HI-eSCR, already the next step into a cleaner future is made. Developed in-house by the CNH Industrial engine specialist FPT Industrial, HI-eSCR technology even allows for cutting emissions by 95%. Not without reason, HI-eSCR is increasingly used in various other applications worldwide.

# NEW STANDARD IN HARVESTING TECHNOLOGY

Case IH 240 series combines are built for the biggest farms, the largest contractors, the most demanding owners and operators, and the highest yields. They are developed and built for the lowest operating costs and utmost reliability – day after day, and season after season. At their heart is the proven Axial-Flow® single rotor technology, providing all the benefits associated with this concept such as thorough threshing, minimum losses and excellent grain quality due to the gentlest of grain handling.

## AVOID GRAIN LOSSES WITH AN AXIAL-FLOW® HEADER

240 series combines can be operated with the latest generation Case IH headers which are available in widths up to 12.5m. These headers are designed specifically for European conditions and allow you to make the most of these combines' capacity. Choose from a wide range of headers such as variable grain headers, flex headers, pick-up headers, draper headers or corn headers – whatever suits your business best – and make optimum use of the capabilities of your Case IH equipment.



## ENHANCED ROTOR FOR EUROPEAN CONDITIONS

For the new 240 series combines, the well proven and simple single rotor has been enhanced with a new rasp bar configuration to allow for higher throughput and quality threshing, particularly under high-yielding European conditions. The new rotor is perfectly matched to the combine engine, utilising the engine power as efficiently as possible, thus optimising productivity in all crops and through all harvesting conditions. The gentle threshing process ensures that each grain gets into the grain tank in the best condition.





### **SAVE TIME IN LARGE FIELDS, UNLOAD ON THE GO**

With 240 series Axial-Flow® combines, you can put large quantities of clean, undamaged grain into the grain tank fast. The new 8240 and 9240 models offer a larger than ever grain tank with an astounding 14,400 litres capacity, so you won't be unloading too often, even when working with large headers! When the tank is full, however, it can be unloaded rapidly, with a maximum unloading rate option of 144 litres/sec for the 8240 and 156 litres/sec for the 9240 models, respectively. The length of the auger allows for a comfortable distance between the grain trailer and the combine if you want to save time whilst unloading on the move and is suited for 12m controlled traffic systems.



### **INTEGRAL CHOPPER SLICES THROUGH STRAW**

The combine's pass is the first step towards the next crop, whether you are chopping or baling your straw. With Axial-Flow® clean-slicing and perfectly pulverising straw choppers, you will leave an excellent foundation for next year's crop. If you need to bale all or part of your straw, you can change over to swathing quickly and you will get clean, neat, and easy-to-bale straw swaths without wasting harvesting time.



### **INCREASED TRACTION, NARROW TRANSPORT**

When compared with wheels, the front track option for Axial-Flow® combines allows for increased traction and flotation for effective soil protection whilst ensuring a transport width of just 3.5m on 610mm tracks. Depending on your requirements with regard to drive comfort and ground pressure, you can choose between standard or suspended track options.



### **LUXURY CAB – COMFORT IS YOURS**

There is no combine simpler or more comfortable to operate than the latest Case IH 240 series Axial-Flow®. The Luxury cab, with electrical adjustable mirrors, increased storage space, semi-active seat option and an actively cooled cool box. All the key external functions are placed in the palm of your hand with the Multifunction Propulsion Control Lever, thus giving you full control. Grouped and arranged in the most ergonomic and logical layout, the commands follow the combine from front to back positions. Manage all header functions and unloading auger operations the easy way – for long and productive days in the field.



### **OPTIMISE PERFORMANCE, MINIMISE COST**

Case IH Advanced Farming Systems (AFS™) collect and deliver important data for your management decisions on crop cultivation and cost management. By means of AFS AccuGuide GPS-controlled auto-steering, your combine is guided automatically – with an accuracy down to 2.5cm, track after track, to reduce overlaps and minimise time and fuel consumption during harvest.

MODELS	Axial-Flow® 7240	Axial-Flow® 8240	Axial-Flow® 9240
<b>HEADERS</b>			
Case IH fixed/variable knife headers (2030/3050 range), draper headers (3152 range), flexheaders (3020 range) working widths (m)	6.1 / 7.6 / 9.2	7.6 / 9.2 / 10.7 / 12.5	7.6 / 9.2 / 10.7 / 12.5
Corn header 4400 range rigid / foldable		6, 8 and 12 row corn headers	
Pickup headers 3016 range working width (m)		3.7 / 4.6	
<b>THRESHING / SEPARATING</b>			
Rotor drive type		Gearbox and Shaft - variable speed Power Plus Drive	
Rotor speed range (rpm)	220 - 1,180 (3 ranges)	220 - 1,180 (3 ranges)	220 - 1,180 (3 ranges)
Rotor diameter and length (mm)	762 / 2,638	762 / 2,638	762 / 2,638
Total separation area (m <sup>2</sup> )	2.98	2.98	2.98
Threshing / separating modules wrap angle (°)	180	180	180
Number of threshing / separating modules	2 / 2	2 / 2	2 / 2
<b>CLEANING SYSTEM</b>			
Cascade sieve	●	●	●
Cleaning shoe width (mm)	1,580	1,580	1,580
Levelling capability (%)	12.1	12.1	12.1
Total sieve area under wind control (m <sup>2</sup> )	6.5	6.5	6.5
<b>CLEANING FAN</b>			
Fan speed range (rpm)		Hydraulic Load Sensing - 300 to 1,150	
<b>RETURN SYSTEM</b>			
Tailings return type		Triple impeller tailings processor	
<b>GRAIN TANK / UNLOADING</b>			
In-cab control of grain tank covers	●	●	●
Grain tank capacity (l)	11,100		14,400
Unloading rate (l/s)	113 / Optional 141	113 / Optional 141	113 / Optional 159
Unloading auger effective length, measured from middle of combine to tip of unloading auger (standard/option) (m)		6.7 or 7.6 / High Capacity Options 7.2 or 8.8	
<b>STRAW CHOPPER &amp; SPREADER</b>			
Straw chopper / beater		Integral fixed knife chopper	
Number of knives: chopper/counterbar		120 / 40	
Spreader type		Vertical, twin disc hydraulically driven, in cab speed adjustable	
<b>ENGINE <sup>1)</sup></b>			
Type / Capacity (cm <sup>3</sup> ) / Emission stage	6 cylinder, Turbo, aftercooler / 11 100 Stage IV	6 cylinder, Turbo, aftercooler / 12 900 Stage IV	6 cylinder, Turbo, aftercooler / 15 900 Stage IV
Max. power ECE R120 <sup>1)</sup> at 2,000rpm (kW/hp(CV))	366/498	420/571	466/634
Fuel tank, diesel/urea (l)		1125/166	1200/166
<b>TRACTION</b>			
Transmission	4 speed hydrostatic	4 speed hydrostatic	4 speed hydrostatic
Heavy duty adjustable steering axle	●	●	●
Final drive type	Bull gear	Planetary	Planetary
Powered rear axle	○	○	○
Differential lock	●	●	●
<b>OPERATOR CAB</b>			
"Luxury" cab (Comfort cab, plus: Elec.mirrors, sunshades, leather steering wheel, removable cool box, added storage space, semi-active leather seat option, added trim)	●	●	●
<b>ADVANCED FARMING SYSTEMS (AFS™)</b>			
Yield & moisture monitoring / mapping	○	○	○
AFS Precision Farming ready and Guidance ready	●	●	●
<b>OVERALL MACHINE SPECS</b>			
Length – feeder to rear trim panel (mm)	8,050	8,050	8,050
Wheel base (mm)	3,752	3,752	3,752
Minimum height (transport) (mm)	3,980	3,980	3,980
Width with narrowest tyres fitted – min (mm)	3,490	3,490	3,490
Approximate weight of machine (kg)	18,400	18,500	19,200 (on tracks)
<b>TYRE OPTIONS</b>			
Front tyres	VF710/70R42 CFO 190B R1W / IF800/70R38 CFO 187A8 R1W / IF900/60R32 CFO 188A8 R1W / IF900/60R38 CFO 184A8 R1W		
Rear tyres	500/85R24 IMP 165A8/177A8 R1W / 600/70R28 161A8 R1W / VF620/70R26 170A8 R1W / 750/65R26 166A8 R1W		
Tracks	610mm or 760mm track width, tricycle system with rubber dampening / 610mm or 724mm track width, tricycle with hydraulic suspension		

<sup>1)</sup> ECE R-120 correspond to ISO TR14396 <sup>1)</sup> FPT Industrial engine ● Standard ○ Optional – not available

**!** 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 **ARCELA** lubricants.

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