

AXIAL FLOW®

140 SERIES - 5140 / 6140 / 7140







AXIAL-FLOW® 140

MAKES YOUR HARVEST A SUCCESS

Agriculture in Europe is a challenging business: the weather often provides no more than short time slots to get the work done, crop are dense and high-yielding, and there are demanding requirements concerning product quality, to mention just a few of the basic conditions. The new Case IH Axial-Flow 140 series combines are built to master these challenges – more efficiently than ever before. With the latest increase of engine power and a further evolution of the rotor, our engineers have made sure that Case IH Axial-Flow® combines are the appropriate answer to the agricultural challenges of today and tomorrow.

EXCELLENT PERFORMANCE – STANDARD WITH THE 140 SERIES

Higher horsepower engines on all models of the 140 series allow for high performance harvesting and higher threshing capacity and for working more smoothly also in tough terrain. As pioneer of the single rotor technology, Case IH provides machines that stand up to the test of time; our single rotor and enhanced feeder design have been further optimised for the European harvest conditions. Increased productivity, reducing losses, reduced service time - all contribute to your harvest productivity and farm profitability.

BUILT FOR OUR CUSTOMERS

Case IH engineers are developing and building combines for our customers – that is why ease of use and reliability are amongst our key principles: easy operation, easy adjustments, and easy repairs. Maintenance is equally quick and easy, as most work can be done from ground level thanks to excellent access to all relevant areas. Whenever you have to change between crops or fields, simply use the new “Clean Out” function on the AFS Pro 700 touch-screen to start clean out your combine. That is a major time saver– and particularly useful for seed growers.

CLEAN AND EFFICIENT

Case IH decided to use SCR exhaust treatment technology right from the start. The reduction of emissions and the excellent reliability of our engines have impressively confirmed this strategy. With HI-eSCR, the next step towards an even cleaner and more efficient future has followed. Developed by the CNH Industrial in-house engine specialist FPT Industrial, the new HI-eSCR technology is reducing emissions by 95%. That is why HI-eSCR is also increasingly taken up for various other applications all over the world.

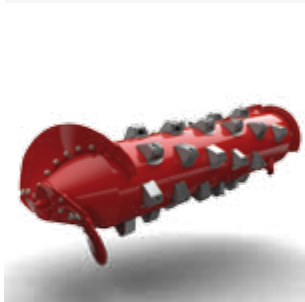
AXIAL-FLOW® 5140 / 6140 / 7140: TAKE A CLOSER LOOK

Combines from the Case IH Axial-Flow® 140 series are designed to meet the requirements of today's demanding customers mid-sized arable operations. From professional farms to contract businesses and machinery syndicates we have a machine to suit you all. Significant feature improvements of the new models include increased horsepower to Stage IV standards, increased performance, enhanced rotor design optimised for European threshing conditions in all crops – for gentle threshing and high throughput.



AXIAL-FLOW® HEADERS – DESIGNED TO GATHER EVERY GRAIN

Latest generation Case IH headers, available in widths of up to 9.3m, are designed specifically for European conditions and allow for making the most of your combine's capacity. Choose from a wide range of headers including variable knife grain headers, flex headers, pick-up headers, draper headers and corn headers – whichever suits your business requirements best – and go for high performance with your reliable and easy-to-service Case IH equipment.



SUPERIOR GRAIN QUALITY FROM THE ROTARY EXPERTS

Our industry leading rotor is further enhanced with a new rasp bar configuration, the proven and simple single rotor concept allows for high throughput and top quality threshing under all harvesting conditions. The rotor is perfectly matched to the combine's engine ensuring optimum harvesting at all times. In addition the gentle threshing action of our rotor ensures that you will have top quality grain in your grain tank.





CLEAN GRAIN SAMPLES, MINIMAL LOSS

Axial-Flow® combines lead the industry with their large efficient cleaning area. Fed by a set of 5 augers, there is an even and consistent crop flow to the cleaning system, even when operating on undulating fields. The extra-large cleaning area delivers clean samples with minimal losses and easily copes with high yields and otherwise demanding harvesting conditions.



MORE GRAIN IN THE TANK, YET LOWER UNLOADING TIMES

Our 140 series Axial-Flow® combines allow for large quantities of clean, undamaged grain to be put into the grain tank quickly. However, you will not have to unload too often as the 6140 and 7140 Axial Flow tanks have a holding capacity of 10,570 litres. When it's time to unload, it gets done quickly, with a maximum unloading rate of 88 litres/sec for the 5140 and 113 litres/sec for the 6140 and 7140 models. Furthermore, as the length of the auger allows the grain trailer to stay a comfortable distance from the combine, you can save even more time whilst securely unloading on the move.



A CHOICE OF CABS

There is no combine simpler or more comfortable to operate than the latest Case IH 140 series Axial-Flow®. The Multifunction Propulsion Control Lever places all key functions of the combine in the palm of your hand for full control. The commands are grouped and arranged in the most ergonomic and logical layout from front to back on the right-hand console which is integrated in the armrest of the seat. This allows for easy control of all combine functions, including unloading auger operations, and helps you to spend long and productive days in the fields. Choose from two cabs: the Comfort version and the Luxury version, with electrical adjustable mirrors, increased storage space, semi-active seat option and an actively cooled coolerbox.



KEEP A CLOSE EYE ON PERFORMANCE AND COST

Case IH Advanced Farming Systems (AFS) deliver important data for your management decisions – from crop cultivation to cost minimisation. The AFS AccuGuide GPS-controlled auto-steering system guides the combine automatically. With high precision – down to a 2.5 cm accuracy level that virtually eliminates overlaps, thus cutting on input cost and optimising your efficiency. With Case IH telematics systems, you can connect the combine's on-board recording capabilities and the farm office computer via wireless communication technology for a real-time exchange of machine, agronomic and job site information. Make the most of your equipment, time and resources – with Case IH Advanced Farming Systems!

MODELS	Axial Flow® 5140	Axial Flow® 6140	Axial Flow® 7140
HEADERS			
Case IH fixed/variable knife headers (2030/3050 range), draper headers (3152 range), flexheaders (3020 range) working widths (m):	4.9 / 5.2 / 6.1 / 6.7	4.9 / 5.2 / 6.1 / 6.7 / 7.3 / 7.6	4.9 / 5.2 / 6.1 / 6.7 / 7.3 / 7.6
Corn header 4400 range rigid/foldable	6 row chopping corn heads	6 & 8 row chopping corn heads	
Pickup headers 3016 range working width (m):	3.7 / 4.6		
THRESHING / SEPARATING			
Rotor drive type	Variable belt with 3-speed transmission		
Rotor speed range (rpm)	250 - 1,150 (3 ranges)	250 - 1,150 (3 ranges)	250 - 1,150 (3 ranges)
Rotor diameter and length (mm)	762 / 2,794	762 / 2,794	762 / 2,794
Total separation area (m ²)	2.8	2.8	2.8
Threshing / separating modules wrap angle (°)	156 / 133	156 / 133	156 / 133
Number of threshing / separating modules	3 / 3	3 / 3	3 / 3
CLEANING SYSTEM			
3 steps cleaning system	●	●	●
Cleaning shoe width (mm)	1.47	1.47	1.47
Total sieve area under wind control (m ²)	5.52	5.52	5.52
CLEANING FAN			
Fan speed range (rpm)	450 to 1,300	451 to 1,300	452 to 1,300
RETURN SYSTEM			
Tailings return type	To rotor	To rotor	To rotor
GRAIN TANK / UNLOADING			
In-cab control of grain tank covers	●	●	●
Grain tank capacity (l)	8,810	10,570	10,570
Unloading rate (l/s)	88	113	113
Unloading auger effective length, measured from middle of combine to tip of unloading auger (standard/option) (m)	5.8 / 6.7		
STRAW CHOPPER & SPREADER			
Straw chopper / beater	Integral flail-type straw chopper		
Number of knives: chopper/counterbar	76 / 47		
Spreader type	twin 2-speed horizontal spreaders / detachable		
ENGINE ¹⁾			
Type / Capacity (cm ³) / Emission stage	6 cylinder, Turbo, aftercooler/ 6 700 Stage IV	6 cylinder, Turbo, aftercooler/ 8 700 Stage IV	6 cylinder, Turbo, aftercooler/ 8 700 Stage IV
Max. power ECE R120 ¹⁾ at 2000 rpm (kW/hp(cv))	230 / 312	295 / 400	330 / 449
Fuel tank, diesel/urea (l)	950/166		
TRACTION			
Transmission	Hydrostatic drive, 3 speed ranges		
Heavy duty adjustable steering axle	●	●	●
Final drive type	bull gear	bull gear	bull gear
Powered rear axle	○	○	○
OPERATOR CAB			
"Comfort" cab: new seat positioning for added leg room, instructor seat, narrow adjustable steering console, rearranged right hand console and switches in cab, new Multifunction handle, large openable graintank window, right hand emergency exit	○	○	○
"Luxury" cab (Comfort cab, plus: Elec. mirrors, sunshades, leather steering wheel, removable cool box, added storage space, semi-active leather seat option, added trim)	○	○	○
ADVANCED FARMING SYSTEMS (AFS)			
Yield & moisture monitoring / mapping	○	○	○
AFS Precision Farming ready and Guidance ready	○	○	○
OVERALL MACHINE SPECS			
Length – feeder to rear trim panel (mm)	7,689	7,689	7,689
Wheel base (mm)	3,815	3,815	3,815
Minimum height (transport) (mm)	3,898	3,906	3,906
Width with narrowest tyres fitted – min (mm)	3,300	3,300	3,300
Approximate weight of machine (kg)	15,400	16,400	17,100
TYRE OPTIONS			
Front tyres	650/75R32 L1172 R1W / 800/65R32 L1172 R1W / 900/60R32 L1176 R1W		
Rear tyres	460/70R24 L1159A8 R4 / VF520/80R26 L1165 R1W		

¹⁾ ECE R-120 correspond to ISO TR14396 ¹⁾ 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 **AXCELA** lubricants.