

# AXIAL-FLOW® 140-SERIES

5140 / 6140 / 7140

**CASE II**  
AGRICULTURE



MODELS	Axial Flow® 5140	Axial Flow® 6140	Axial Flow® 7140
<b>HEADERS</b>			
Grain header cutting widths (m)	4.9 / 5.2 / 6.1 / 6.7	4.9 / 5.2 / 6.1 / 6.7 / 7.6	4.9 / 5.2 / 6.1 / 6.7 / 7.6 / 9.3
Knife to auger distance - 2030 / 3050 grain header		(mm) 550 (2030 header) / 570-1140 (3050 header) adjustable from cab	
Corn header model 4400 rigid and foldable	6 row chopping corn heads	6 & 8 row chopping corn heads	
<b>THRESHING / SEPARATING</b>			
Rotor speed range (rpm)	Gearbox and Shaft - variable speed Power Plus Drive		
Rotor diameter and length (mm)	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 <sup>2</sup> )	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
<b>CLEANING SYSTEM</b>			
3 steps cleaning system	•	•	•
Cleaning shoe width (m)	1.47	1.47	1.47
Total sieve area under wind control (m <sup>2</sup> )	5.52	5.52	5.52
<b>CLEANING FAN</b>			
Fan speed range (rpm)	450 to 1,300	450 to 1,300	450 to 1,300
<b>RETURN SYSTEM</b>			
Tailings return type	To rotor	To rotor	To rotor
<b>GRAIN TANK / UNLOADING</b>			
In-cab control of grain tank covers	•	•	•
Grain tank capacity (l)	10,570	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)	6.6 / 7.5	6.6 / 7.5	6.6 / 7.5
<b>STRAW CHOPPER &amp; SPREADER</b>			
Number of knives: chopper/counterbar	76 / 47	76 / 47	76 / 47
Spreader type		twin 2-speed spreaders / detachable	
<b>ENGINE <sup>1)</sup></b>			
Type / Capacity (cm <sup>3</sup> )	Turbocharged, intercooled / 6,700	Turbocharged, intercooled / 8,700	Turbocharged, intercooled / 8,700
Emission level	Tier 2	Tier 2	Tier 2
Max. power ECE R120 <sup>1)</sup> at 2000rpm (kW/hp(CV))	220 / 299	306 / 417	330 / 448
Diesel Fuel tank size (l)	950	950	950
<b>TRACTION</b>			
Transmission	Hydrostatic drive, 3 speed ranges	Hydrostatic drive, 3 speed ranges	Hydrostatic drive, 3 speed ranges
Heavy duty adjustable steering axle	•	•	•
Powered rear axle	○	○	○
<b>OPERATOR CAB</b>			
"Comfort" cab: new seat positioning for added leg room, instructor seat, narrow adjustable steering console, rearranged right hand console and switches in cab, Multifunction handle, large openable graintank window, right hand emergency kit	•	•	•
<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)	7,689	7,689	7,689
Wheel base (mm)	3,815	3,815	3,815
Minimum height (transport) (mm)	3,906	3,906	3,906
Width with 650/75R32 tyres fitted – min (mm)	3,300	3,300	3,300
Approximate weight of basic machine (kg)	14,500	14,600	14,600
<b>TYRE OPTIONS</b>			
Front tyres		800/65R32 L1172 R1W / 900/60R32 L1176 R1W	
Rear tyres		480/70R30 L1152 R1W / 600/65R28 L1154A8 R1W	

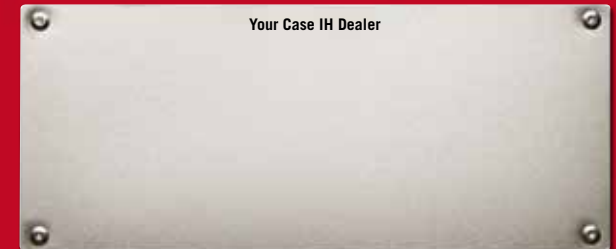
<sup>1)</sup>FPT Industrial-engine <sup>1)</sup>ECE R-120 correspond to ISO TR14396 • Standard ○ Optional at extra cost



**!** 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 **ACCELA** lubricants.

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Send us an e-mail: [Africa.MaxService@caseih.com](mailto:Africa.MaxService@caseih.com) - [MiddleEast.MaxService@caseih.com](mailto:MiddleEast.MaxService@caseih.com) - [CaseIH\\_Range - Cod. N. 14MEAC2001](mailto:CaseIH_Range - Cod. N. 14MEAC2001)



# AXIAL-FLOW® 240-SERIES

7240 / 8240 / 9240

**CASE IH**  
AGRICULTURE



MODELS	Axial Flow <sup>®</sup> 7240	Axial Flow <sup>®</sup> 8240	Axial Flow <sup>®</sup> 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)	1580	1580	1580
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 Tier 2	6 cylinder, Turbo, aftercooler/ 12 900 Tier 2	6 cylinder, Turbo, aftercooler/ 15 900 Tier 2
Max. power ECE R120 <sup>1)</sup> at 2000 rpm (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>			
"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)	○	○	○
<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	19200 (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	610 mm or 760 mm track width, tricycle system with rubber dampening / 610 mm or 724 mm 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