

AXIAL-FLOW 160 SERIES

AXIAL-FLOW 160 SERIES

COMBINE HARVESTER
382 – 436 hp



CASE IH

CASE IH

THE MOST ADVANCED COMBINE IN ITS SEGMENT

AXIAL-FLOW 160 SERIES

Leveraging on its predecessor heritage of ease-of-use and grain quality, the new 160 series is built to provide you with more technology, increased capacity, and better comfort. We have shaped a high performance combine in a compact design with best-in-class threshing, simplicity and cost of ownership. The Axial-Flow® 160 series marks a new milestone in the Axial-Flow history.

BEST-IN-CLASS

GRAIN QUALITY

The unrivalled single rotor concept provides the less cracked grain volume of the market thanks to the separation done by centrifugal force.

EFFICIENCY

We provide the lowest repairing and maintenance costs thanks to the simplest driveline in the market, the longest service interval of its category (600 hours) and a maintenance-free aftertreatment system without EGR.

CAPACITY

The Axial-Flow 7160 is equipped with the biggest grain tank of its category (12,500 l) and the most powerful engine in the 9 l class (FPT Cursor 9).

UNBEATABLE GRAIN QUALITY

Single rotor concept since 1977

THE BIGGEST GRAIN TANK

of its class with 12,500 l



THE MOST ADVANCED

AFS Harvest Command proactively adjusts and optimizes the combine as crop conditions change. This is the only system with sieve pressure control and a patented grain camera working at multi-spectrum level.



THE FUTURE OF HARVESTING

Case IH Advanced Farming Systems precision farming solutions integrate technology to optimize harvest — no matter the field conditions or operator's skillset:

- AFS AccuSync shares coverage maps and A/B guidance lines in real time
- AccuGuide™ autoguidance provides hands-free steering to achieve and maintain accurate row positioning and ease operator fatigue

THE NEXT LEVEL OF DIGITAL FLEXIBILITY

Manage your operation from anywhere and monitor harvesting data remotely through AFS Connect to increase productivity and efficiency year-round.

- Farm and fleet management
- Data visualization and data sharing



MODEL	AXIAL-FLOW 6160	AXIAL-FLOW® 7160
ENGINE		
Model / Type / Capacity [cm³] / Emission stage	FPT Cursor 9 / 6-cylinder, turbo, aftercooler / 8,700 / Tier III	FPT Cursor 9 / 6-cylinder, turbo, aftercooler / 8,700 / Tier III
Max. power ECE R120 at 2000 rpm (kW/hp(cv))	285 / 382	325 / 436
Fuel tank, diesel/urea [l]	950 / 166	950 / 166
THRESHING / SEPARATING		
Rotor drive type	Variable belt with 3-speed transmission	Variable belt with 3-speed transmission
Rotor speed range [rpm]	250 - 1,150 (3 ranges)	250 - 1,150 (3 ranges)
Rotor diameter and length [mm]	762 / 2,794	762 / 2,794
Total separation area [m²]	2.78	2.78
Threshing / separating modules wrap angle [°]	156 / 133	156 / 133
Number of threshing / separation modules	6 / 3	6 / 3
CLEANING SYSTEM		
3 steps cleaning system / Cross Flow cleaning system	● / ○	● / ○
3 steps cleaning system / Cross Flow cleaning system	5.52 m² fixed cleaning / 5.4 m² cross flow cleaning	5.52 m² fixed cleaning / 5.4 m² cross flow cleaning
RETURN SYSTEM		
Tailings return type	To rotor	To rotor
GRAIN TANK / UNLOADING		
In-cab control of grain tank covers	●	●
Grain tank capacity [l]	10,570	12,500
Unloading rate [l/s]	113	113
Unloading auger effective length, measured from middle of combine to tip of unloading auger [m]	6.6 / 7.4 / 7.8	6.6 / 7.4 / 7.8
STRAW CHOPPER & SPREADER		
Straw chopper / beater	Integral flail-type straw chopper	Integral flail-type straw chopper
Number of knives: chopper / counterbar	52 / 32	52 / 32
Spreader type	Dual horizontal spreaders and foldable windrow chute	

● Standard ○ Optional





caseih.com

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.

CASE IH Axial-Flow 160 series brochure – 01/2024

24APACCOMAFX001



CASE IH