

AXIAL-FLOW®

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250 SERIES COMBINE HARVESTERS  
490 - 625 hp



CASE IH

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# A NEW DIMENSION

in productivity

Designed to tackle the challenges and constraints under which modern farm businesses must work, new Case IH Axial-Flow® 250 Series are engineered with innovation to meet the demands of larger farms and fields, and the requirement for high grain quality.

## 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.

# PROVEN ROTOR TECHNOLOGY

Quality threshing whatever the crop

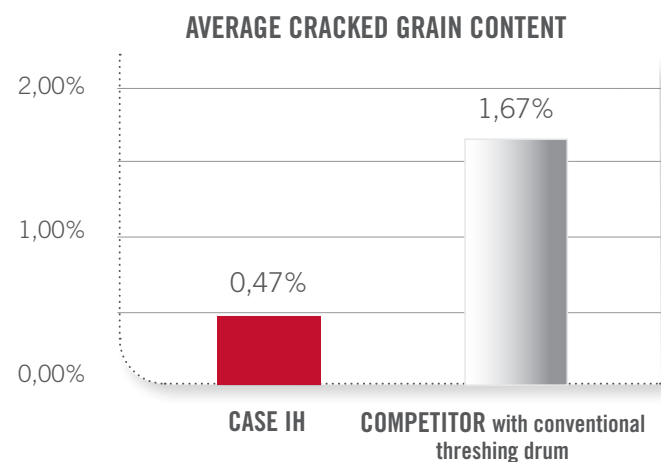
## GENTLE THRESHING

The key to maximum grain quality is gentle handling of the crop flow throughout the feed, threshing and separation processes. A unique Axial-Flow® feature is the impeller which accelerates the harvest material to around 100 km/h, ideal conditions for efficient threshing of grains in difficult, wet conditions.

Rub bars arranged around the rotor ensure gentle grain on grain threshing. In the unlikely event the rotor section becomes clogged, it can be reversed from the comfort of the cab.

## UNBEATABLE GRAIN QUALITY

Broken grain affects crop value. The Axial-Flow® threshing concept is the undisputed leader when it comes to gentle threshing, and produces an unbeatably low proportion of broken grain. Excellent results in the grain tank and perfectly spread residue or well formed swaths are the result of the perfect interaction between components.



Observed by: Agricultural Chamber of Upper Austria

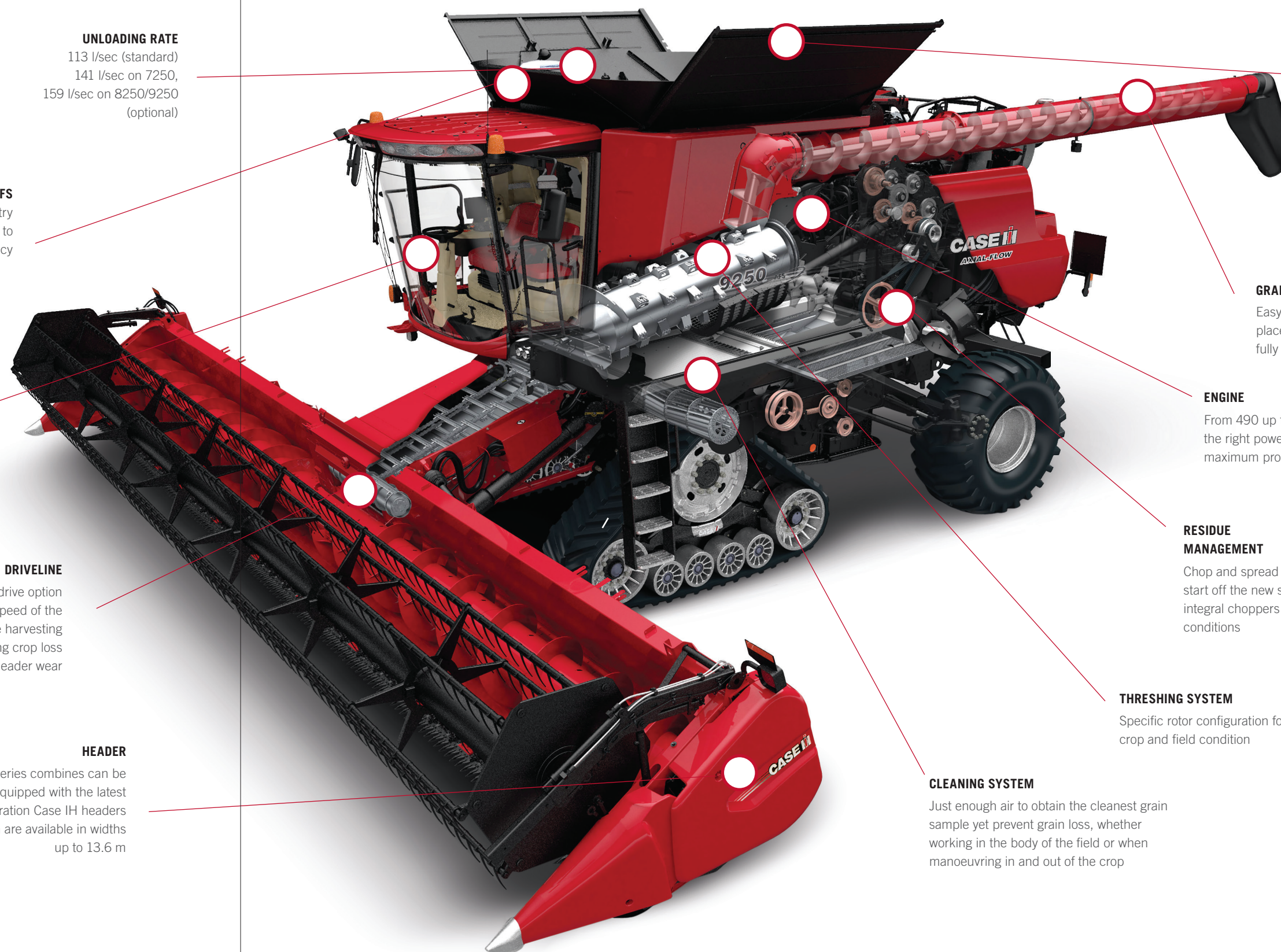
**UNLOADING RATE**  
113 l/sec (standard)  
141 l/sec on 7250,  
159 l/sec on 8250/9250  
(optional)

**AFS**  
Data collection, file transfers via telemetry and various guidance programs with up to 2.5 cm accuracy

**COMFORTABLE CAB**  
There is no combine simpler or more comfortable to operate than the latest Case IH Axial-Flow® combine

**DRIVELINE**  
The CVT header drive option adapts the speed of the header to the harvesting conditions, reducing crop loss and header wear

**HEADER**  
250 Series combines can be equipped with the latest generation Case IH headers which are available in widths up to 13.6 m



**GRAIN TANK CAPACITY\***  
7250            11,100 l (14,400 l option)  
8250 / 9250    14,440 l

\*Volume measured following ISO5687 standard

**GRAIN HANDLING**  
Easy to position for precision grain placement to ensure trailers are fully and accurately filled

**ENGINE**  
From 490 up to 625hp. Always the right power back-up form maximum productivity


**RESIDUE MANAGEMENT**  
Chop and spread evenly for rapid decomposition to start off the new season. Choose from various integral choppers the most suitable for your conditions

**THRESHING SYSTEM**  
Specific rotor configuration for any crop and field condition

**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

MODELS	Axial-Flow® 7250	Axial-Flow® 8250	Axial-Flow® 9250
<b>HEADERS</b>			
Case IH fixed/variable knife headers (2030/3050 range), draper headers (3152 range), flexheaders (3020 range) working widths (m):	6.1/6.7/7.6 / 9.2	7.6 / 9.2 / 10.7 / 13.7	7.6 / 9.2 / 10.7 / 13.7
Corn header 4400 range rigid/foldable:	6, 8 and 12 row wide corn headers and 16/18 row narrow 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 with reverser		
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 (m²)	2.98	2.98	2.98
Threshing / separating concave rows wrap angle (°)	180	180	180
Number of concave rows: threshing/separation	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 (m²)	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 directly to grain pan		
<b>GRAIN TANK / UNLOADING</b>			
In-cab control of grain tank covers	•	•	•
Grain tank capacity (l) - measured following ISO5687 standard	11,100 (optional 14,400)	14,400	14,400
Standard / High Capacity unload rate (l/s)	113 / 141	113 / 159	113 / 159
Unloading auger effective length, measured from middle of combine to tip of unloading auger (standard/option) (m)	Standard unloading system: 6.7 or 7.6 m / High Capacity Options: 7.2, 8.8 m (rigid or folding auger)		
<b>STRAW CHOPPER &amp; SPREADER</b>			
Straw chopper	Integral fixed knife chopper		
Number of knives: chopper/counterbar	Integral chopper: 24/12; 40/40, 120/40 knives		
Spreader type	Integral chopper: Vertical, twin disc hydraulically driven, in cab speed adjustable		
<b>ENGINE<sup>*)</sup></b>			
Type / Capacity (cm³) / Emission stage	6 cylinder, turbo, aftercooler / 11,100 / Stage II	6 cylinder, turbo, aftercooler / 12,900 / Stage II	6 cylinder, turbo, aftercooler / 15,900 / Stage II
Power at rated speed (kW/hp)	317 / 425	365 / 490	410 / 550
Max. power ECE R120 at 2000 rpm (kW/hp(cv))	366 / 490	420 / 563	466 / 625
Fuel tank, diesel (l)	1,125	1,125	Standard: 1,200
<b>TRACTION</b>			
Transmission	2 speed hydrostatic with on-the-go hydraulic high/low shift		
Heavy duty adjustable steering axle	•	•	•
Final drive type	bull gear or planetary option	planetary	planetary
Powered rear axle	○	○	○
Differential lock	○	○	○
<b>ADVANCED FARMING SYSTEMS (AFS)</b>			
Yield & moisture monitoring / mapping / guidance / Feedrate Control	○	○	○
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)	3,635	3,635	3,635
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)	19,000	20,000	21,000 (on tracks)

<sup>\*)</sup> FPT Industrial engine • Standard ○ Optional – not available

 SAFETY NEVER HURTS!™ Always read the Operator's Manual before operating 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 **AKCELA** lubricants. CNH International - Riva Paradiso, 14 - 6902 Paradiso-Lugano Switzerland - Visit our website: [www.caseih.com](http://www.caseih.com) - Case IH Axial Flow 250 Flyer 12/22 MEA - 22MEACOMAFX002

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AGRICULTURE