



# HARVESTING POWER HOUSE 88 & 20 SERIES AXIAL-FLOW® COMBINES



# 88 SERIES AXIAL-FLOW COMBINES

## CAB, CONTROLS & LIGHTING

- **Optional HID Lighting** – 2 and 6 HID lighting packages offer a “Farming in High Definition” feel that gives you unprecedented clarity and visibility during your night time operations, both ahead of the cutter bar and behind.
- **Optional, Heated Red Leather Seat** – Follows the legendary Magnum™ and Steiger® tractors.
- **Enhanced Multi-Function Propulsion handle** – includes additional features for increased productivity.
- **New A-Post Monitor** – has increased functionality and performance boosting features including an engine power meter for maximum productivity.
- **Color Screen** – AFS Pro 600 large color touch screen for precision farming and Automatic Crop Setting (ACS) control.
- **Automatic Crop Settings (ACS)** – Option allows operator to preset the machine for rotor and fan speeds, concave clearance as well as sieve openings.
- **Interior** – New wheat color interior matching the entire Case IH fleet of products.

## FEEDER

- **Header Drive** – Optional 2 speed header drive for increased header/feeder capacity (speed increase of 15%, recommend for corn machines).
- **Spring Loaded Feeder Chain Tensioning System** – Increases chain life and optimizes chain performance.
- **Terrain Tracker®** – provides optional lateral tilt ( 5° in both directions for a total of 10°).
- **Feeder/Header Interface** – Header attachment common with 20 Series machines (2010, 2020, 2600, 3400 style heads).

## CHASSIS/ GROUND DRIVE

- **Wheel Base** – Extended wheel base from 141.2 inches on a 2588 to 150.2 inches for increased stability and smoother operation. All 88 Series combines feature a 60/40 front/rear weight distribution, which means no ballast is required for any approved Case IH header.
- **Rear Axles** – The powered and non-powered rear axles incorporate a common center section with increased strength. The non-power guide axle features an offset kingpin design for improved turning radius with larger tires.
- **Common Styling** – Soybean based poly panel styling common with 20 series with large swing out panels for easy access to the entire machine.

## GRAIN HANDLING

- **Increased Clean Grain Elevator Capacity By 15%:**
  - Improved elevator inlet geometry
  - Increase diameter of cross auger by 1/2 inch (12.7 mm)
  - Redesigned inclined delivery auger sump and increased auger size and length
- **Unload Auger** – 18, 21 and 24 foot unload auger options with 3.0 bu/sec unload rate (2.5 bu/sec on 5088). Unload auger features bottom tube discharge for optimal control of unload stream.
- **Grain Tanks** – 300 bu. grain tank on 6088/7088 and 250 bu. on 5088 with standard quick folding grain tank extensions that do not require tools. Optional in-cab electric folding grain tank extensions.

## ENGINE

- **5088** – Replaces 2577 – Proven 8.3L CDC engine with 265 hp (198kW) rated, 25 hp (19kW) power rise and peak of 290 hp (216kW).
- **6088** – Replaces 2588 – Proven 8.3L CDC engine with 305 hp (227kW) rated, 25hp (19kW) power rise and peak of 330 hp (246kW).
- **7088** – New Class VII Offering – 9.0L CDC engine with 325hp (242kW) rated, 25hp (19kW) power rise, 25hp (19kW) power boost for a peak power of 375 hp (280kW).

- **Engine Air Screen** – Stationary air screen with revolving hydraulic powered evacuation wand

## CLEANING

- **Patented Cross Flow Cleaning Fan** – Provides uniform airflow across the entire sieve.
- **Sieves** – Optional in-cab electric adjustment.
- **Cleaning Area** – 7,947 sq. in. total cleaning area contributes to impressive cleaning performance.

## THRESHING AND SEPARATING

- **Rotor** – Field Proven, standard 30-inch AFX rotor with optional Small Tube (ST) rotor for rice and tough straw conditions.
- **Concave** – 156° of concave wrap.



# 20 SERIES AXIAL-FLOW COMBINES

## CAB, CONTROLS & LIGHTING

- **Optional HID Lighting** – 2 and 6 HID lighting packages offer a “Farming in High Definition” feel that gives you unprecedented clarity and visibility during your night time operations, both ahead of the cutter bar and behind.
- **Optional, Heated Red Leather Seat** – Follows the legendary Magnum™ and Steiger® tractors.

## FEEDER

- **Heavy Feeder Lift Package for the 8120** – Includes two 90 mm lift cylinders, a higher capacity tilt cylinder and additional feeder reinforcements for use with larger and heavier headers

### Feeder Enhancements Include:

- **Feeder Chain** – 4 strand (chain) and 3 slat conveyor design that increases overall feeder chain reliability and durability
- **Spring Loaded Feeder Chain Tensioning System** – Increases chain life and optimizes chain performance
- **Upper Feeder Top Sprockets** – 15 tooth, as compared to 11 tooth, to increase chain wrap for improved capacity
- **Rock Trap** – Rear feeder floor has been lowered to increase material movement and provide smoother crop flow into transition cone

## DRIVES

- **Tire and Track Offering** – Provides a broad range of choices to fit your farming operation.
  - Tracks are based upon the proven QuadTrac design of using two 36 inch wide rubber tracks; Reduces ground pressure by 50 to 60% compared to dual drive tires

## GRAIN HANDLING

- **Unload Auger** – Standard 21 and optional 24 foot unload augers with 3.2 bu/sec unload rate – features bottom tube discharge for improved unload stream control
- **Grain Tanks** – 350 bu. grain tank on 8120 and 315 bu. on 7120 with standard quick folding grain tank extensions that don’t require tools

## ENGINE

- **7120** – Case IH 9.0 L 360 hp (268kW) rated, with 55 hp (41 kW) of power rise and/or boost for peak power of 415 hp (310 kW).
  - Features operator selectable power modes for either full-time power rise or a boost reserve of 25 hp for unloading on-the-go
  - The powerhouse in-line six-cylinder 9 L engine is turbocharged and air-to-air aftercooled to deliver proven, efficient performance
- **8120** – Case IH 10.3 L 420 hp (313 kW) rated, 42 hp (31 kW) rise for a total of 462 maximum hp (345 kW).
  - This 24 valve engine design features full authority electronic fuel injection for the ultimate in fuel efficiency



## CLEANING

- **Self Leveling Cleaning System** – Sieves remain level up to a 12% slope on 8120 and a 14% slope on 7120 for optimal hillside performance and productivity.
- **Cross Flow Plus Cleaning Fan Door** – Hinged door for easy cleaning and machine inspection.

## RESIDUE

- **Chopper** – New fine cut 3X3 MagnaCut chopper option with 126 (8120) or 63 (7120) rotating knives for increased residue performance where fine residue chopping is required.
- **Spreader** – Proven vertical twin disk spreader system now with standard in-cab speed control.

## THRESHING AND SEPARATING

- **Rotor** – 30 inch AFX rotor with optional Small Tube (ST) rotor for rice and tough straw conditions.
- **Modular Threshing/Separating Design** – Modules are composed of two sections, right and left, and are interchangeable from front to back.
- **Hard Thresh Kit** – Small wire hard thresh module kit is available for tough threshing conditions (includes 2 modules and cover plates).

SPECIFICATIONS	88 SERIES			20 SERIES	
	5088	6088	7088	7120	8120
Combine Class	Class V	Class VI	Class VII	Class VII	Class VIII
Rated power – hp (kW)	265 (198)	305 (227)	325 (242)	360 (268)	420 (313)
Horsepower rise/boost (kW)	25/0 (19/0)	25/0 (19/0)	25/25 (19/19)	30/25 (22/19)	43/0 (32/0)
Maximum horsepower (kW)	290 (216)	330 (246)	375 (280)	415 (309)	463 (345)
Engine displacement	CDC 8.3L	CDC 8.3L	CDC 9.0L	Iveco 9.0L	Iveco 10.3L
Fuel tank – gallons (liters)	250 (945)	250 (945)	250 (945)	264 (1000)	264 (1000)
Rotor diameter – in. (mm)	30 (762)	30 (762)	30 (762)	30 (762)	30 (762)
Grain tank – bushels (liters)	250 (8810)	300 (10 570)	300 (10 570)	315 (11 100)	350 (12 330)
Unload rate – bu./sec (L/sec.)	2.5 (88)	3.0 (106)	3.0 (106)	3.2 (113)	3.2 (113)
Rotor drive	Belt; 3-speed gearbox	Belt; 3-speed gearbox	Belt; 3-speed gearbox	Power Plus - CVT w/ 3-speed gearbox	Power Plus - CVT w/ 3-speed gearbox
Belt width - in. (mm)	2.25 (57 mm)	3 (76) HD	3 (76) HD	CVT	CVT
Total cleaning area – cu. in. (m <sup>2</sup> )	7,947 (5.1)	7,947 (5.1)	7,947 (5.1)	8,370 (5.4)	10,075 (6.5)
Cleaning system	Fixed	Fixed	Fixed	Self-Leveling	Self-Leveling
Feeder width – in. (mm)	46 (1155)	46 (1155)	46 (1155)	54 (1372)	54 (1372)
Wheelbase 2WD - in. (mm)	150.2 (3816)	150.2 (3816)	150.2 (3816)	148 (3759)	148 (3759)
Wheelbase PGA – in. (mm)	150.2 (3816)	150.2 (3816)	150.2 (3816)	149 (3785)	149 (3785)
Weight – lbs. (kg)	31,965 (14 500) est.	32,234 (14 621) est.	32,935 (14 939)	34,362 (15 584)	36,043 (16 349)

HEADER COMPATIBILITY	5088	6088	7088	7120	8120
2010 Grain Heads	20, 25, 30 ft.	20, 25, 30 ft.	20, 25, 30 ft.	20, 25, 30 ft.	20, 25, 30 ft.
2020 Flex Heads	20, 25, 30 ft.	20, 25, 30, 35 ft.	20, 25, 30, 35 ft.	20, 25, 30, 35 ft.	20, 25, 30, 35 ft.
3400 Cornheads	3406, 3408	3406, 3408	3406, 3408, 3412	3408, 3412	3408, 3412
2600 Cornheads	2606	2606, 2608	2606, 2608, 2608F	2608, 2608F, 2612	2608, 2608F, 2612
2142 Draper	25, 30 ft.	25, 30, 35 ft.	25, 30, 35 ft.	25, 30, 35 ft.	25, 30, 35 ft.
2152 Draper	25, 30 ft.	25, 30, 35 ft.	25-40 ft.	25-40 ft.	25-45 ft.
2162 Draper	30 ft.	30, 35 ft.	30, 35, 40 ft.	30, 35, 40 ft.	30, 35, 40 ft.
2016 Pickup	14 ft.	14 ft.	14, 16 ft.	14, 16 ft.	14, 16 ft.

Feeder adapter kits are required to mount 1010,1020 headers on 88 Series combines and include: combine feeder faceplate with lateral tilt, single point header hookup, driveline, hydraulic and electrical components. 2200/3200 cornheads will require the adapter packages released for the AFX feeder interface to fit on 88 or 20 Series feeders.



**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.

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Availability of some models and equipment builds varies according to the country in which the equipment is used.