



YANMAR

Everything the Pros Want “Premium Design” Combine



With the number of professional farmers and agricultural collectives in Japan steadily increasing, there is a greater demand for agricultural machinery that is highly-efficient, highly-functional, and low-cost. Considering this trend, Yanmar is addressing farmers’ needs of “efficiency, accuracy, and durability” with the new flagship model YH Series half-feeding combine.

Under the slogan “Creating a new agriculture”, world-renowned Ken Okuyama (also a director of Yanmar Holdings Co., Ltd.) heads product design. The YH Series combine utilizes the same innovative and unique “premium design” as the tractor we are releasing at the same time.

With a new “premium red” color, more striking than Yanmar’s usual red, and a body design that evokes a sense of strength and flow, farmers can further enjoy their everyday work and take pride in the refined construction of their combine.

The combine’s design focuses on functionality and user-friendliness, with lights included to increase visibility at night and an easily accessible door handle and step.

This new model continues the acclaimed high-durability concept of its predecessors, using specialized parts to further increase the service life of the combine.

The powerful and eco-friendly Yanmar green diesel engine has cleared Japan's Tier 3 gas emissions regulations, and functionality has been improved with the added electronic controls of the combine's unique steering wheel. From threshing to sorting and field maneuverability, core functions have been designed for utmost user-friendliness.

The premium combine opens up new possibilities, allowing professionals to complete their work with a machine that is "powerful, thorough, and fast".

1. Product: YH Series half-feeding combine
2. Release date: March 2015 (planned)
3. Price: ¥9,136,800 – ¥13,284,000 (Suggested retail price, tax included)

<Front View>



■ Core Features:

(1) Status symbol

Refined construction allows customers to take pride in the combine they drive.

The brilliant “premium red” color displays the pioneering spirit of Yanmar, conveying an image of strength and user-friendliness.

A red strip that starts at the roof adds a dynamic flow to the combine.

The red color of the front chain cover gives the combine even more impact.



(2) Smooth harvesting, looking forward to tomorrow

•Improved operating/moving speed

Works efficiently with an operating speed of 1.70m/s(※1) and a top in class 3.05m/s moving speed(※2)with a separate faster option available when moving between fields.

※1 : YH470/590 ※2 : except YH460

•No-clutch auxiliary transmission

Work proceeds smoothly with the ability to change the auxiliary transmission from “Standard” to “Travelling” speeds with the touch of a button without stopping operation using the main transmission.

•Machine conditions are clearly indicated and can be checked instantly during operation on the central color display.

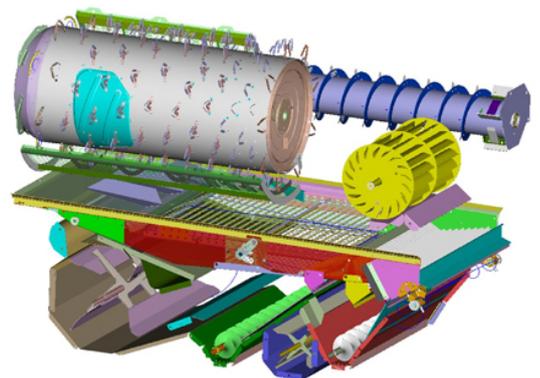
(3) High-quality/stable features get the job done

<Advanced threshing technology>

- Threshing drum enlarged to 1000mm, rocker panel enlarged to 760mm (width) and 1595 (length).
- Triple fan sorting increases wind speed, further improving the accuracy and efficiency of sorting out large amounts of chaff.

<Highly-durable>

Various highly-durable parts are used to reduce running costs: 8-tooth count sprockets (formerly 7), steel spring-tined pick ups, large-size pre-cleaner, roller chain, heavy rubber belt, etc.



(4) Features that prevent work from halting

<Technology to resolve various problems>

- The electronically-controlled FDS allows efficient rotation, making even long hours of operation comfortable.
- The cutter bar is designed to flex over the contours and ridges of rice fields, preventing the bar from running into the ground and allowing smooth work.
- Provided with a high-performance system that stabilizes the combine during operation in wet paddies and facilitates sorting.
- Oil in the transmission and axle casings is separated. They are easily serviceable and protected from mud.

<Preventing problems before they happen, quickly fixable just in case>

- The front of the cutter bar can be opened without a caster, allowing easy inspection in the field.
- The cutting bar cover opens by lifting the front, making cleaning the grain conveyor simple in the rare case it becomes overloaded.

(5) Extensive support system

• Premium inspection package

Essential initial maintenance inspection (after 50 hours), machine diagnostic check before warranty period (1 year) ends. With the inspection of a professional, actions can be taken before trouble occurs.

• SmartAssist Remote included standard

GPS antenna/mobile communications device installed standard, allowing operating status, machine condition, location to be checked away from the work site