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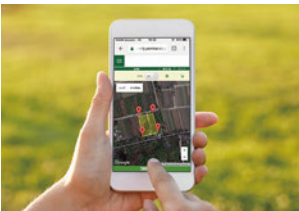
Combine Harvester Grain Tank

YH700DX



SMARTASSIST

A GPS antenna and communication terminal have been installed in agriculture equipment. This is a service which provides information that contributes to a customer’s efforts to improve work and management, based on data transmitted about operational status and conditions.



Service 1

Machine operating status management service

We visualize information such as machine operation time and engine load factor. It can be used as a guide for improving the equipment’s operational efficiency and reducing running costs.

Service 2

Error information notification service

It monitors current status and detects the occurrence of errors at an early stage. This contributes to prompt and accurate troubleshooting to reduce downtime by checking the status and using phone contacts, etc., depending on the details of the error.

Service 3

Theft prevention monitoring service

By setting in advance the operating ranges and operating times of vehicles equipped with Smart Assist Remote, notification by telephone or email can be made when operating conditions outside the settings are detected.

Primary Equipment List

各国で編集

Destination	Model	Type	FDS transmission	Top sacker	Grain tank	Leveling control	Wide crawlers	Split sprockets	Thick track rollers	Top exhaust pipe	Double rotor	Large-capacity fuel tank	Tine bar cover*1	Coconuts kit*2
China	YH880	GU	○		○	○				○	○	○		
Vietnam	YH700	VN	○	○				○	○	○	○	○		
	YH850	W-VN	○	○			○	○	○	○	○	○		
Indonesia	YH700	ID	○	○						○	○	○		○
	YH850	W-ID	○	○			○			○	○	○		○
Philippines	YH700	PH	○	○						○	○	○		
	YH850	W-PH	○	○			○			○	○	○		
Myanmar	YH700	GU-MM	○		○	○		○	○	○	○	○		
	YH850	GUW-MM	○		○	○	○	○	○	○	○	○		
Thailand	YH850	W-TH	○	○			○	○	○	○	○	○	○	
	YH850	GUW-TH	○		○	○	○	○	○	○	○	○	○	
Cambodia	YH850	W-KH	○	○			○	○	○	○	○	○	○	
	YH850	GUW-KH	○		○	○	○	○	○	○	○	○	○	

* 1: Cover to prevent reel tine bar winding

* 2: Safety device for coconuts entering header

Option



Corn kits (C-KIT, AW-PH(S))

Highly efficient and highly accurate corn harvesting is possible by attaching the corn kit.



Assistant-side sun visor (SR-YH850A)

The sun visor shields the assistant from the sun to make harvesting during hot weather more comfortable. It is also retractable.



Dust fan (BF-YH850)

Removes dust stirred up by the header and sucked in by the feeder house, making harvesting work more comfortable for the operator.

Primary Specifications

Model			YH700	YH700DX	YH850W	YH850GUW
Type			Top sacker	Grain tank	Top sacker	Grain tank
Combine dimensions	Total length	mm	5,070			
	Total width	mm	2,285			
	Total height	mm	2,930	2,820	2,930	2,820
Combine weight		kg	3,313	3,571	3,333	3,591
Engine	Model		4TNV98		4TNV98T	
	Type		Water-cooled 4-cycle 4-cylinder vertical diesel			
	Total displacement	cc	3,318			
	Output	kW {PS} / rpm	51.5 {70.0} / 2,500		62.1 {84.5} / 2,500	
	Fuel used		Diesel light oil			
	Fuel tank capacity		115			
Driving part	Crawlers	Width x Length (on ground) mm	500 x 1,700	500 x 1,750	550 x 1,700	550 x 1,750
	Gear shift method speeds		HST with hydraulic servo, mechanical FDS			
	Number of transmission gears m/sec		3			
	Travel speeds (at rated enginespeeds) m/sec		Low speed: 0 to 0.88 Standard: 0 to 1.37 High speed: 0 to 1.85		Low speed: 0 to 1.00 Standard: 0 to 1.55 High speed: 0 to 2.09	
	Minimum ground clearance mm		420 (Center of transmission)	330 to 460 (Center of transmission)	420 (Center of transmission)	330 to 460 (Center of transmission)
	Header	Interval between divider edges mm		2,060		
Header device type		Reel + Platform				
Cut width mm		1,975				
Cut height range mm		-50 to 1,000				
Reel		Rotation diameter x width mm	900 x 1,920			
		Rotation speed rpm	43 (37)			
Thresher / sorter	Type		Axial-flow bar type with vertical front rotor			
	Rotor	Diameter x length mm	640 x 1,850			
	Sorting method		Vibratory motion, winnower, reprocessing			
	Sorter width mm		850			
	Sorting plate width xlength		850 x 1,410			
	Concave area m²		1.75			
Grain processor	Grain processing method		Top sacker	Grain tank	Top sacker	Grain tank
	Tank or hopper capacity L		490	1,670	490	1,670
	Discharge height mm		1,049 to 4,372		1,049 to 4,372	
	Discharge length mm		2,880		2,880	
	Discharge time minutes		1 minute 50 seconds		1 minute 50 seconds	

Dimensions

Grain tank type

