

Operation Efficiency



Large Capacity Hopper

The 500-liter hopper holds approximately 300kg of harvested grain.

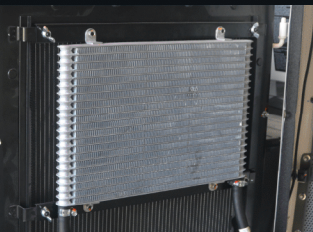


Large Fuel Tank (can be padlocked)

It can do longer hours of continuous operation as the number of refueling is reduced. Also, a padlock can be attached to the lid of the fuel tank for security purposes.

Large Capacity Radiator

It helps prevent overheating under adverse conditions and reduces the down time while reaping.



Reliable Kubota Diesel Engine

With the 69 PS Kubota diesel engine, it can do high-speed harvesting at 1.85m/s. It also provides outstanding results even in wet paddy fields and high-volume crops.



Adjustable Reaping Function

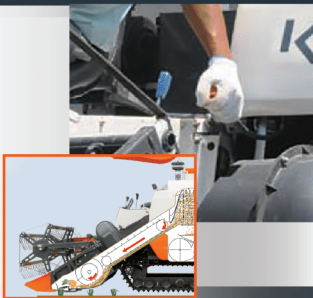


Cutting Platform with a Wide Range of Motion

Provides excellent operational efficiency as the reel and cutting platform can be raised and lowered which allows it to deal with tall, short or even fallen crops.

Kubota's Unique Reverse Mechanism

Reverse Mechanism is easily done by a single lever. The feeder chain and cutting platform can be reversed to easily loosen the clog from the feeder or auger drum. With this, downtime is minimized.



Threshing Performance

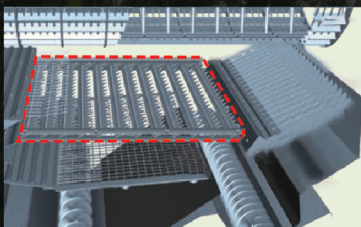
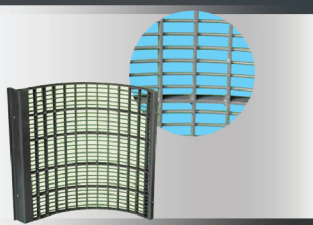


Bi-stream Feeding

The cone-shaped entrance to the threshing cylinder has two feed screws which efficiently transport the crop being harvested to the threshing cylinder.

Large Concave

It helps to lessen the clogging even when harvesting a wet crop.

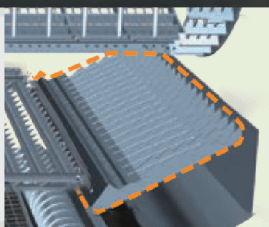


Adjustable Chaffer Sieve

Its opening is adjustable according to the amount of grain that is being processed to ensure excellent separation.

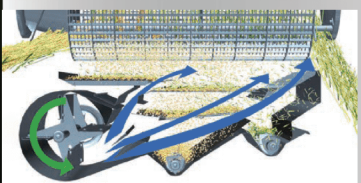
Straw Rack

The straw rack is designed to prevent loss by recovering any grain that becomes mixed with the straw and returning it for reprocessing.



Extended Sieve Case

The entire sieve case has been extended 90mm backward to increase the sieve area, which improves processing capacity and reduces threshing losses.

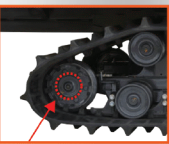


Kubota's Unique 3-way Air Stream Cleaning System

This feature minimizes the chaff and waste material even when processing a high-volume of grain.

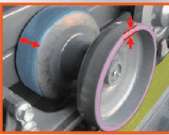
Excellent Durability

Improved Bearing Seals for the Rear Rollers



This prevents mud contamination and extends the life span of the bearings.

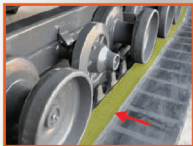
Wider, Thicker Track Rollers



Wider track rollers increase the contact area and reduce the pressure which provide a longer life span for crawlers. Also, adjustment on its thickness and heat-processing provide more durability.

Thicker Rubber Parts for Crawlers

For great durability, rubber parts are also made thicker.



Easy Operation



Hydrostatic Transmission (HST)

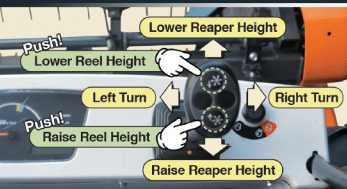
It isn't only being used for switches between forward and reverse, but it can also adjust the travel speed without the need to engage the clutch. Easy travel speed adjustments are made smooth during operations to match crop conditions.

Clear, Easy-to-see Panel

A lighted panel that can clearly see the machine condition during operations.



- Engine Speed
- Coolant Temperature
- Battery Charge
- Remaining Fuel
- Hopper Full
- Tailings Auger Chugging



Multifunction Lever

Three operations can be performed by using a single lever on the right hand.
(1) Make a turn
(2) Raise and lower the reaper
(3) Raise and lower the reel

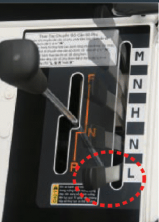
Fuel Full Alarm

The alarm sound will be heard once the tank is full.



beep's!
beep's!

Operability in Wet Paddy Field



3-step Range Gear Shift

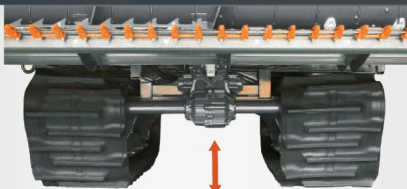
The additional low speed range provides a greater torque and power, which contribute to a smoother harvesting operation in wet paddy fields.



Wide Cutting Width



Average Ground Pressure: 17.8 kPa



Minimum Ground Clearance: 325 mm

Long and Wide Crawlers

These reduce ground pressure and in combination with high ground clearance, these provide outstanding operation performance even in wet paddy fields.

It can also harvest corn using Kubota Corn Kit & Corn Header.



CK70 PRO



CH70



Dimensions	Unit	CK70 PRO	CH70
Overall width	meter	2.30	2.26
Overall length	meter	5.30	5.30
Overall height	meter	2.90	2.99
Weight (implement only)	Kilogram	190	495

SPECIFICATIONS

Model Name			DC-70 PRO PH	
Dimensions	Overall length (mm)		4800	
	Overall width (during operation) (mm)		2295	
	Overall height (mm)		2830 [2540]	
Weight (kg)		3090		
Engine	Model name		Kubota V2403-M-DI-TE	
	Type		Water-cooled four-cycle four-cylinder vertical diesel engine [with turbocharger]	
	Total displacement (L)		2.434	
	Output/rotational speed (kW/PS)/rpm		50.7 [69.0] / 2700	
	Fuel tank capacity (L)		85	
Travel Section	Crawler	Width x Ground contact length (mm)	500 x 1700	
		Center distance (mm)	1250	
		Average ground pressure (kPa[kgf/cm ²])	17.8 [0.18]	
		Minimum ground pressure (mm)	325	
	Speed shift system		HST 3-Range (3F/3R)	
	Travel speed	Forward (m/s)	Low: 0 - 0.97 Middle: 0 - 1.37 High: 0 - 1.85	
		Backward (m/s)		
	Turning shift system		Clutch & Brake	
Reaper Section	Reel	Diameter x Width (mm)	900 x 1903	
		Up / down control	Hydraulic system	
	Reaping Width (mm)		2075	
Blade Width (mm)		1980		
Thresher Section	Threshing System		Axial flow system [threshing tooth system]	
	Threshing Cylinder	Diameter x Length (mm)	620 x 1650	
		Revolutions (rpm)	560	
	Concave area (m ²)		1.456	
	Sorting area		Oscillating, 3 way air stream cleaning system	
Hopper	Capacity (L/kg)		500 / approx.300	
	Take-out-system		2 / Bagging	
Electrical System			12Volts battery starting, Lighting equipment, Alarms (Coolant temperature, Battery charge, Engine oil pressure, Hopper full, Tailings auger clogged)	
Harvesting Capacity (ha/hr)			For Rice: 0.3 - 0.62 / For Corn: CH70 - 0.67/ CK70 Pro - 0.74	

* Actual figures may vary based on crop conditions, field conditions, and operator's skill.
* Kubota reserves the right to adjust or upgrade specifications at any time without prior notice.



12 Functions of Kubota Intelligence Solution

Kubota Intelligence Solution (KIS) is a new innovation of Kubota. This is used to manage your machine efficiency.

Locate Single/ Multiple Machine Position	Know machine location everytime, Check abnormally machine's movement.
Monitor Machine Parameter	Check Status of machine real time. Know machine's physical data.
Monitor Battery Level	Know Battery level in stage customer's use.
Working Route Record	Know machine historical data. Use historical data to improve work for increase efficiency and reduce cost, time working and Improvement working for machine utilization.
Working Time Record	Know user's operation behavior. Increase Machine's usage productivity when feedback and improve driving behavior. Evaluate employee performance.
Geo-Fencing	Check abnormally machine's movement from user. Prevent machine robbery and fraud detection and Create user's working area.
Stealing Detection	Prevent machine robbery and Detect machine movement abnormally.
Maintenance notification	Know maintenance period to plan budget and time to maintenance and reduce machine breakdown from knowing when maintain.
Area Measurement	Estimate cost for hire contractor and price for operation and useful for contractor that prevent area cheating from field's owner that cost saving estimate customer actual work.
Record the Work Area	Know total area that customer's operation. Linkage Working route with Income - Expense recording. Linkage Working route with indicated Working process.
Income Expense	Manage budget for working. Improve expense when know overview budget and Useful for customers who usually record income-expense in everyday life.
Daily Working Calendar	Know overview and record area or activity that you work. Help customer plan to accept work and alert appointment.

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Kubota Combine Harvester



The Right Partner for Convenient and More Productive Harvesting