

Specifications

Model		DC-105X [with cabin]	DC-70G
Classification		Grain Tank	
Machine Dimensions	Overall length (mm)	5640	4800
	Overall width (mm)	3045	2260
	Overall height (mm)	3040	2800
	Weight (kg)	4630 [4750]	3150
Model		V3800DI - TIE2 - CT	V2403-M-DI-TE-CS1T
Type		Water-cooled four-cycle four-cylinder vertical diesel engine (with turbocharger)	
Engine	Total Displacement (L, cc)	3.769 (3769)	2.434 (2434)
	Output/ Rotation speed (kW(PS)/rpm)	77.2 (105.0) / 2600	50.7 (69.0) / 2700
	Fuel	Diesel	
	Fuel Tank Capacity (L)	105	85
	Starting system	Starter motor	
	Battery (V, Ah)	12/ 80	12/ 52
	Center distance (mm)	1475	1250
Crawler	Width x Ground contact length (mm)	575 x 1900	500 x 1700
	Average ground pressure kPa (kgf/cm ²)	20.7 (0.21)	18.2 (0.19)
	Minimum ground clearance (mm)	325 to 425	325
	Speed shift system	Hydrostatic Transmission [HST]	
Number of speeds		Stepless forward and backward [3-step range gear shift each for forward and backward]	
Traveling speed (m/s)	Forward	Low speed : 0 to 0.85; Middle speed : 0 to 1.35; High speed : 0 to 1.90	Low speed : 0 to 0.97; Middle speed : 0 to 1.37; High speed : 0 to 1.85
	Backward		
Turning system		Brake-turn system	
Reel	Diameter x Width (mm)	900 x 2590	900 x 1903
	Speed shift system	Constant rotation	
	Up/ Down control	Hydraulic system	
	Reaping width (mm)	2760	2075
	Blade width (mm)	2667	1980
	Reaping height range (mm)	-19 to 900 [Cutting blade tip]	-19 to 800 [Cutting blade edge]
Thresher system		Axial flow system [Threshing tooth system]	
Thresher drum	Threshing tooth type	Tooth	
	Diameter x Width (mm)	620 x 2210	620 x 1650
	Rotation speed (rpm)	550	560
Reprocessing system using tailings auger screws		Screw Conveyance system	
Concave area m ²		1.6 (6 sheets)	1.456 (4 sheets)
Grain tank capacity (L)		2350	1700
Unloader	Discharging system	Screw Conveyance system	
	Turning angle (degrees)	235/ Electrical motor	
	Up/ Down range (degrees)/ Up/ Down system	-2 to 43/ Hydraulic system	
	Discharging height (in operation) (mm)	1930 to 4810	1785 to 4465
	Discharging length (in operation) (mm)	2870 to 3883	2400 to 3250
Optional accessories		Corn Kit / Cabin	

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only. Please contact us for warranty information. For complete operational information, the operators manual should be consulted.



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DC

KUBOTA COMBINE HARVESTER

The DC-105X and DC-70G combine harvesters are designed for efficiency, providing time and fuel saving operations whilst ensuring only the best yield results from the harvesting season.



KUBOTA MALAYSIA SDN BHD

Lot 766, Jalan Subang 4, Off Persiaran Subang
Sungai Penaga Industrial Park, 47500 Subang Jaya
Selangor Darul Ehsan, Malaysia
Tel: 603-78903533

✉ kmsb_g.sales@kubota.com
🌐 www.kubotamalaysia.com.my
📘 KubotaMalaysiaSB
📺 YouTube Kubota Malaysia

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Efficient Diesel Engine

Kubota diesel engines produced in Japan features enhanced power, durability, and reliability. Able to endure rough and uneven terrains, the turbocharged engine can handle large loads whilst operation continues smoothly and efficiently.



Center Direct Injection System (CDIS)

This design innovation allows for even fuel injection into the combustion chamber, optimizing the combustion process for better fuel consumption and engine efficiency.

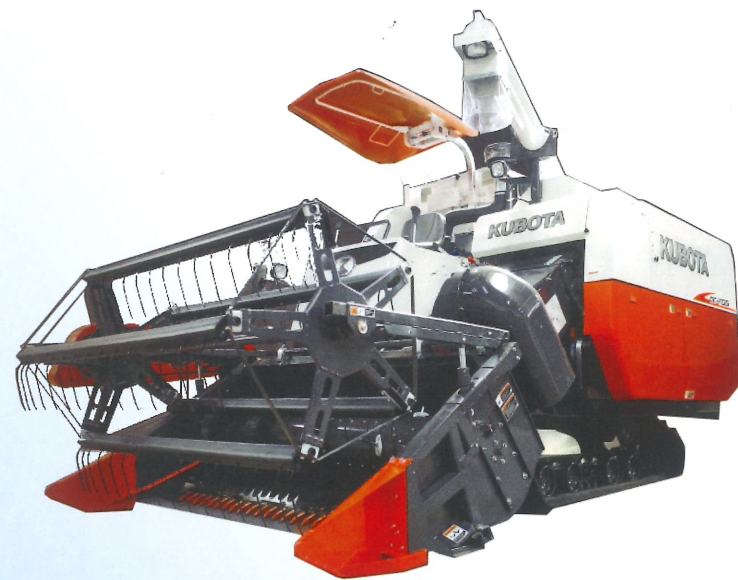
Intercooler and Turbocharger

Improved intercooler design allows for 10 – 20% increase in air density, which allows for more efficient turbocharging.



Harvesting Capacity
0.36 - 0.72 Ha/hr

EXCEPTIONAL OPERATING PERFORMANCE



DC-70G

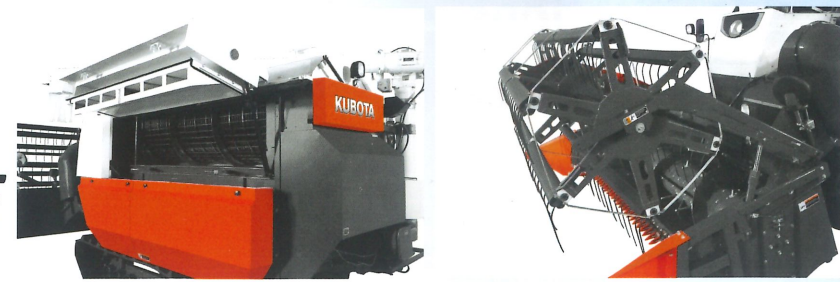
- ✓ Engine - 2434 CC
- ✓ Fuel Tank - 85 L
- ✓ Grain Tank - 1700 L
- ✓ Ground Pressure – 18.2 kPa



DC-105X

- ✓ Engine - 3769 CC
- ✓ Fuel Tank - 105 L
- ✓ Grain Tank - 2350 L
- ✓ Ground Pressure - 20.7 kPa

EASE OF MAINTENANCE

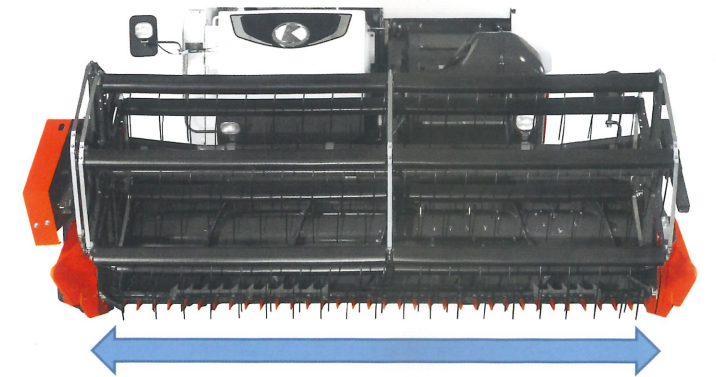


User friendliness is a key factor in the design. With demanding and rigorous operations on a daily basis, a variety of moving parts, and the rough nature of paddy fields; the DC-105X & DC-70G has movable panels and sections that give greater accessibility to key machine components, allowing for faster maintenance and service jobs to take place, ensuring that peak operational condition is sustained.



Auto Monroe System (DC105X only)

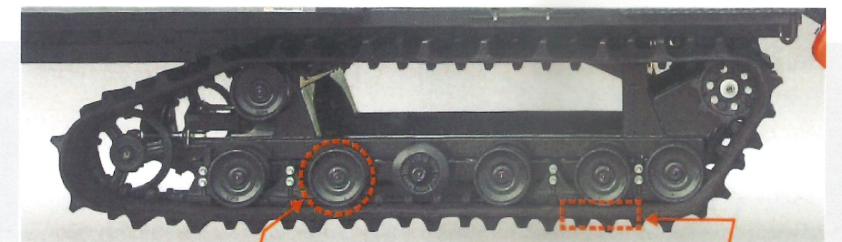
In uneven and rough terrain conditions, both the crawler and the thresher can lose its horizontal alignment and affect harvesting efficiency. This system allows for automatic horizontal positioning which minimizes the effect of machine tilting on threshing and separation.



DC-105X: 2.76 m / DC-70G: 2.075 m

Wide Cutting Width

Combined with the high-output and high-speed operation of DC-105X & DC-70G, the wide harvesting width significantly enlarges the area harvested in a day. Saving time and covering a large harvesting area quickly.



Wider, Thicker Track Rollers

Thicker Rubber Parts for Crawlers



Rubber Crawlers for Operational Flexibility

The crawler travel unit is designed for wider ground contact area which minimizes ground contact pressure. This ensures machine sinking is reduced to a minimum in deep paddy conditions, allowing for ease of travelling and operation. Rubber tracks also prevents damage to contact surface.