

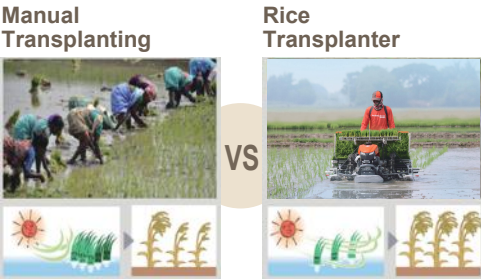
Specifications

Model name		KNP-4W	
Type		Walk-behind type	
Machine dimensions	Overall length	mm	2140
	Overall width [during operation]	mm	1630
	Overall height	mm	900
Overall weight		kg	169
Engine	Model name		MZ200-B-2-A
	Type		Air-cooled 4-stroke single-cylinder OHV gasoline engine
	Total engine displacement	L[cc]	0.192 [192]
	Output/rotational speed	kW [HP]/rpm	3.3 [4.4] / 2600
	Usable fuel		Regular automobile gasoline (unleaded)
	Fuel tank capacity		L 10.0
	Ignition system		Non-contact electromagnetic ignition
	Starter system		Recoil starter
Movement parts	Wheel adjustment		Hydraulic system (wheel up/down)
	Wheel	Type	Thick rimmed rubber wheels
		Outer diameter	mm 660
	Number of gears		Main shift: 2 gears for moving forwards, 1 gear for moving in reverse
Planting portion	Number of planting rows		4
	Planting row spacing		cm 30
	Planting hill space		cm 12 · 14 · 16 · 18 · 21*1
	Number of hills		hills/m ² 28 · 24 · 21 · 19 · 16*1
	Planting depth		mm 7 to 37 (5 settings)
	Hill quantity	Crossfeed distance/revolution	mm 10.3/26, 13.4/20
	adjustment method	Scraping depth	mm 7 to 17 (across 9 settings)
Planting speed		m/s	0.47 to 0.85
Traveling on road speed		m/s	0.90 to 1.64
Operating efficiency		ha/h	0.14 to 0.26
Seedling conditions	Type of seedling		Seedlings in mat
	Seedling height		cm 10 to 25
	Foliar age		leaves 2 to 4.5
Number of spare seedlings that can be loaded		boxes	3
Horizontal Control Mechanism for transplanting section		Horizontal Control Mechanism	

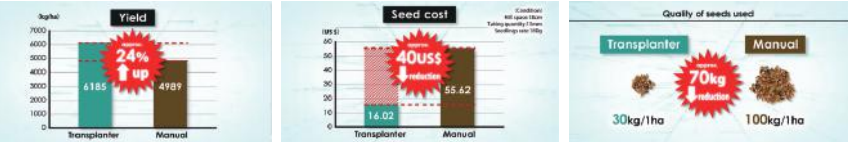
These main specifications are subject to changes without prior notification for the purposes of improvement.
*1 Wheel slip ratio of 10 %

The benefits of Mechanical Rice Transplanting

- 1
- Faster transplanting
- 2
- No need to find workers
- 3
- Reducing seed/ fertilizers/ pesticides/ labor cost
- 4
- Increased yield



Transplanting completed in only **30 to 60** minutes per 10a [1000m²]
A single operator is able to transplant from **1 to 1.5** ha. a day



Based on Kubota's internal test result. Not guarantee the performance in any operational condition.

Automatic Seeder Machine
SR-K801IN

To enjoy the benefits of mechanical planting, it is important to make suitable seedlings for it. The use of Kubota Automatic Seeder Machine SR-K801IN makes it possible to efficiently produce seedlings suitable for mechanical planting.



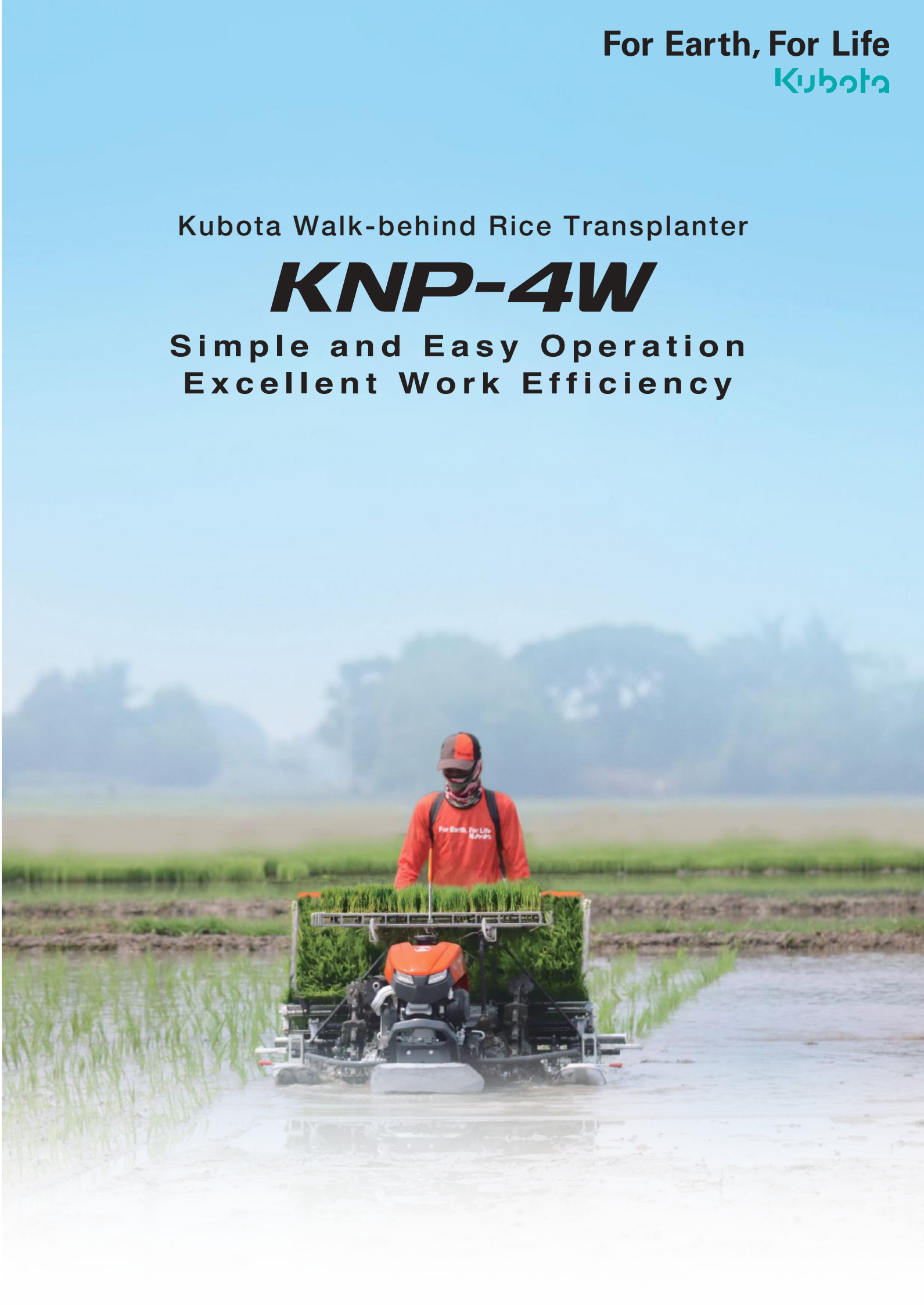
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Kubota Walk-behind Rice Transplanter

KNP-4W

Simple and Easy Operation
Excellent Work Efficiency



Working Efficiency

NEW Powerful OHV Engine



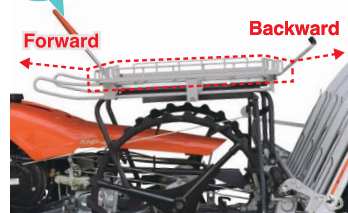
The machine is equipped with powerful OHV gasoline engine with total displacement of 192 cc that allow effectively work at a speed of 0.85 m/s. (10% faster planting speed compared with previous model)

NEW Large Capacity Fuel Tank



The fuel tank has a large capacity of 10 L (Previous model: 4L). The reduced number of refueling contributes to its efficiency.

NEW for 4rows Spare Seedlings Slide Mechanism



The 4-row type Rice Transplanter is mounted with the same spare seedlings slide mechanism as the 6-row type. Seedling replenishment is easily done.

Easy Maintenance

NEW One-touch Open Bonnet



The bonnet can be opened by just light pushing from above, making daily inspections and maintenance easy.

Durability



Hexagonal Axle

Durability is enhanced thanks to the hexagonal axle which prevents the axle pin from being broken.

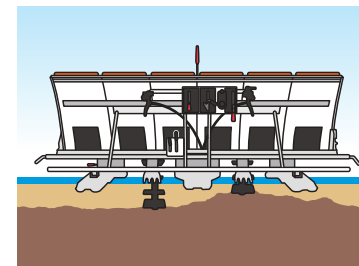
Performance in Muddy Field



Large Diameter Wheels

The large 660mm diameter of the wheels contributes to stable transplanting operations even in deep-tilled paddy fields. The position of the wheel can be adjusted according to the depth of the field.

Horizontal Control Mechanism



Even in undulating operational conditions, the horizontal return structure of the plate spring works to plant seedlings at a uniform depth.

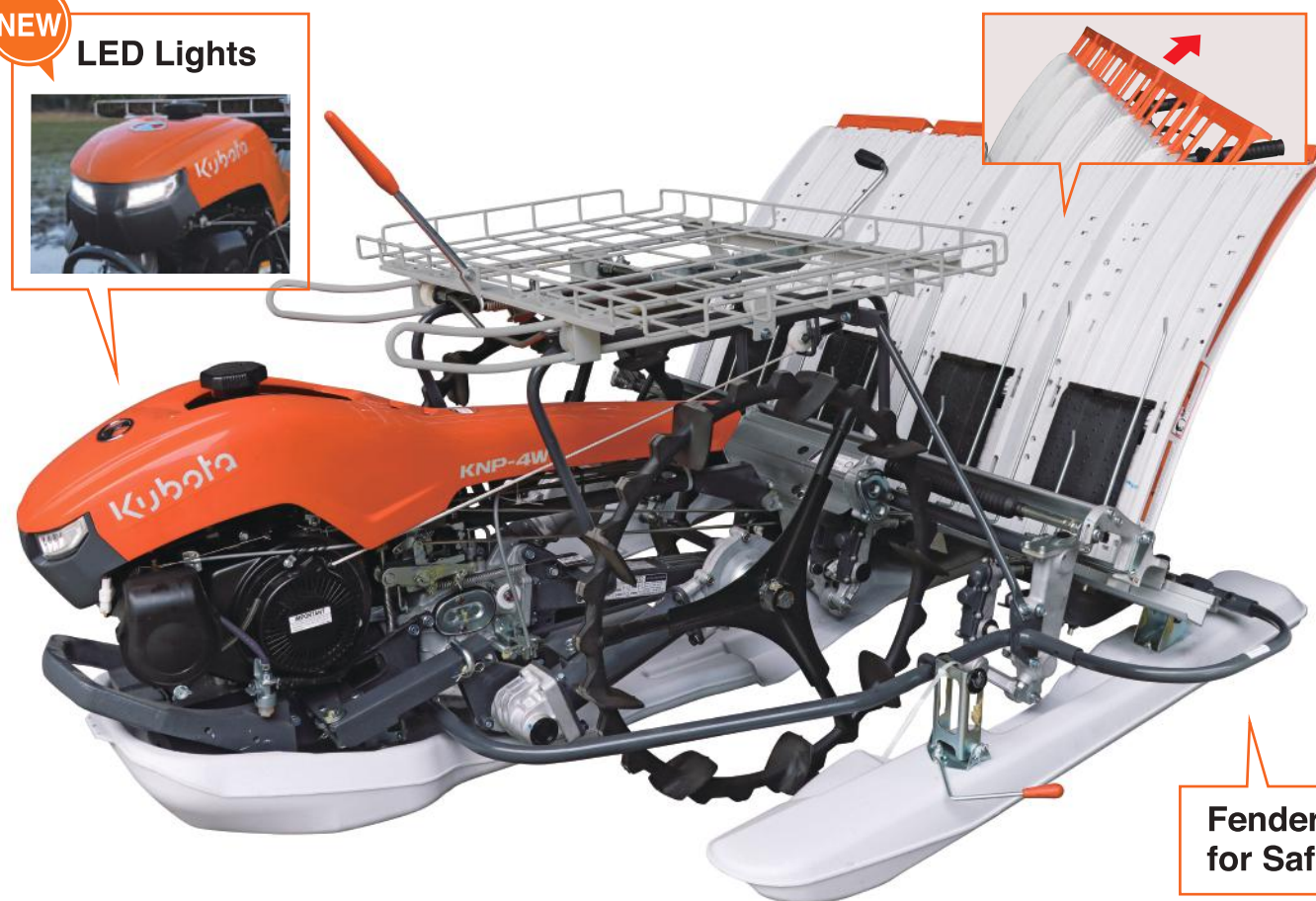
Automatic Adjustment of Machine Height



The auto sensor detects undulations to adjust the machine height up to 450mm contributing to efficient operation even in deep paddy fields.

Superior Efficiency with the New Kubota Rice Transplanter !!

NEW LED Lights

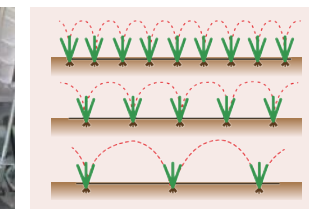


Fender Rod for Safety

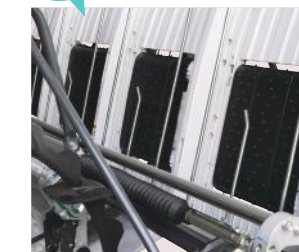
Manoeuvrability

Adjustable Transplanting Settings

The distance between hills, seedling taking quantity and seedling planting depth are adjustable to fit user's needs and local conditions.



NEW for 4rows Belt Type Seedling Tray Vertical Feeding Mechanism



The KNP-4W is equipped with a belt type vertical feeding mechanism for the seedling tray increasing the holding power of the seedling mat. It can prevent the seedling mat from slipping down enabling more stable planting.

Bevel-Gear Drive system



The bevel-gear drive system contributes to long operating life with no worry about chain cut.

The Use of Highly-durable Materials



Highly-durable materials are incorporated for the transmission and for hydraulic functions.