

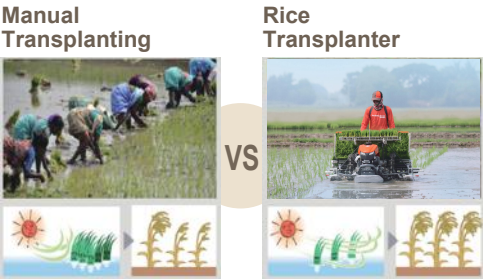
Specifications

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 <sup>2</sup> 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	

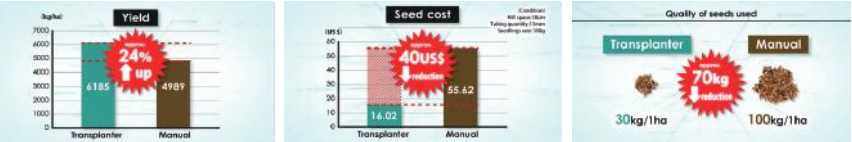
These main specifications are subject to changes without prior notification for the purposes of improvement.  
\*1 Wheel slip ratio of 10 %

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 [1000m<sup>2</sup>]  
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.



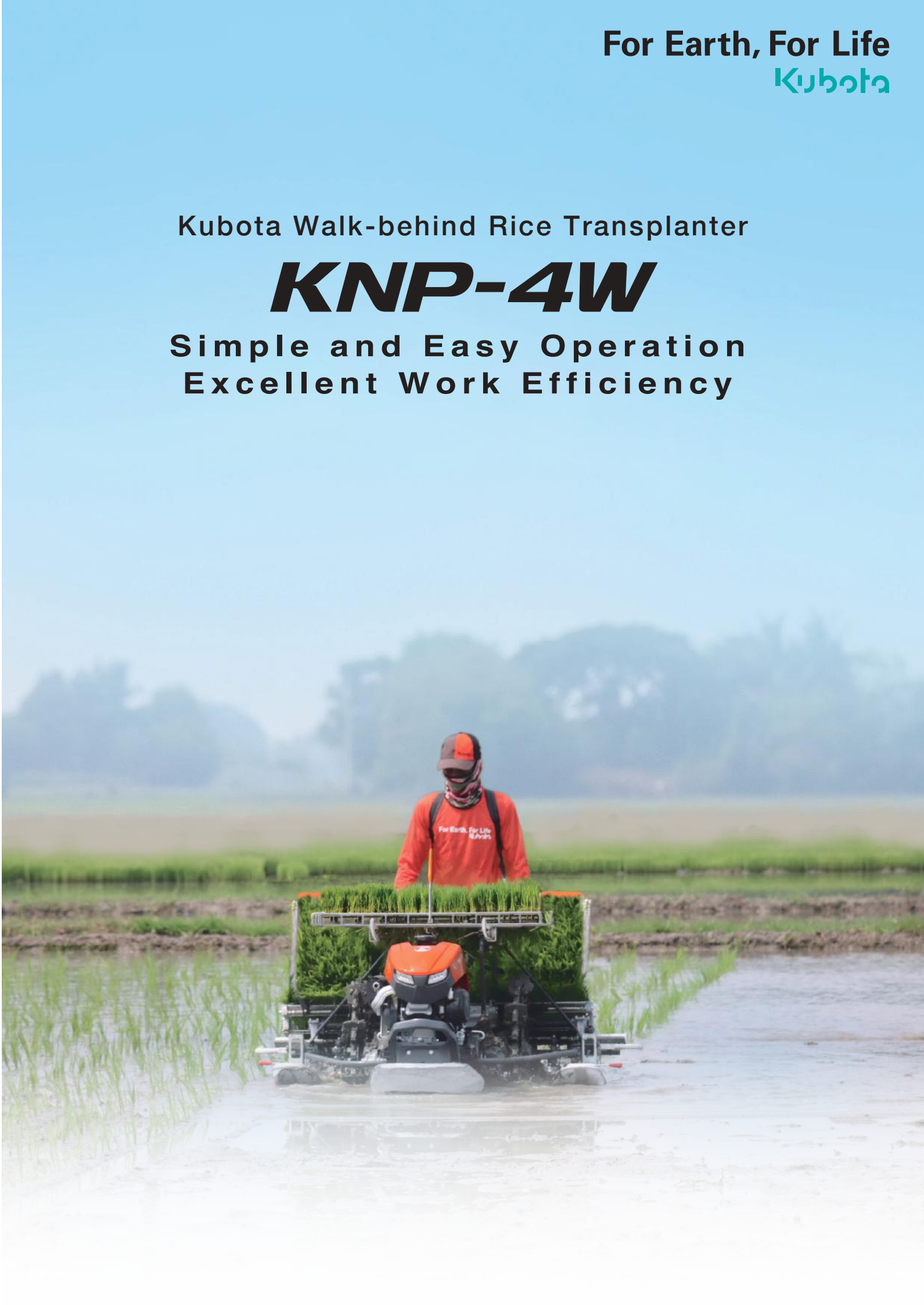
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Kubota Walk-behind Rice Transplanter

**KNP-4W**

Simple and Easy Operation  
Excellent Work Efficiency





## Working Efficiency

### NEW Powerful OHV Engine



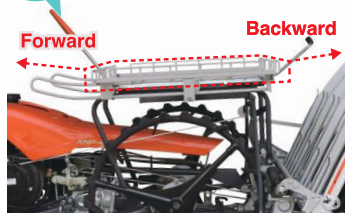
The machine is equipped with powerful OHV gasoline engine with total displacement of 192 cc that allow effectively work at a speed of 0.85 m/s. (10% faster planting speed compared with previous model)

### 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.

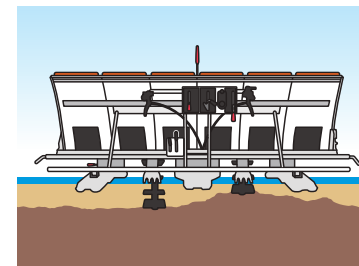
## Performance in Muddy Field



### Large Diameter Wheels

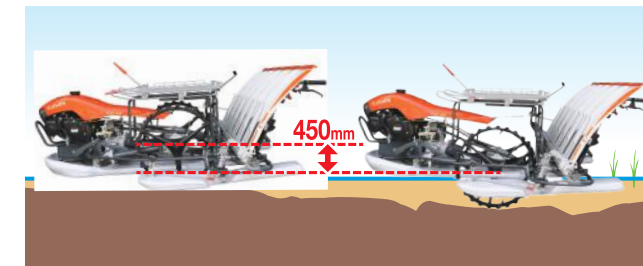
The large 660mm diameter of the wheels contributes to stable transplanting operations even in deep-tilled paddy fields. The position of the wheel can be adjusted according to the depth of the field.

## Horizontal Control Mechanism



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

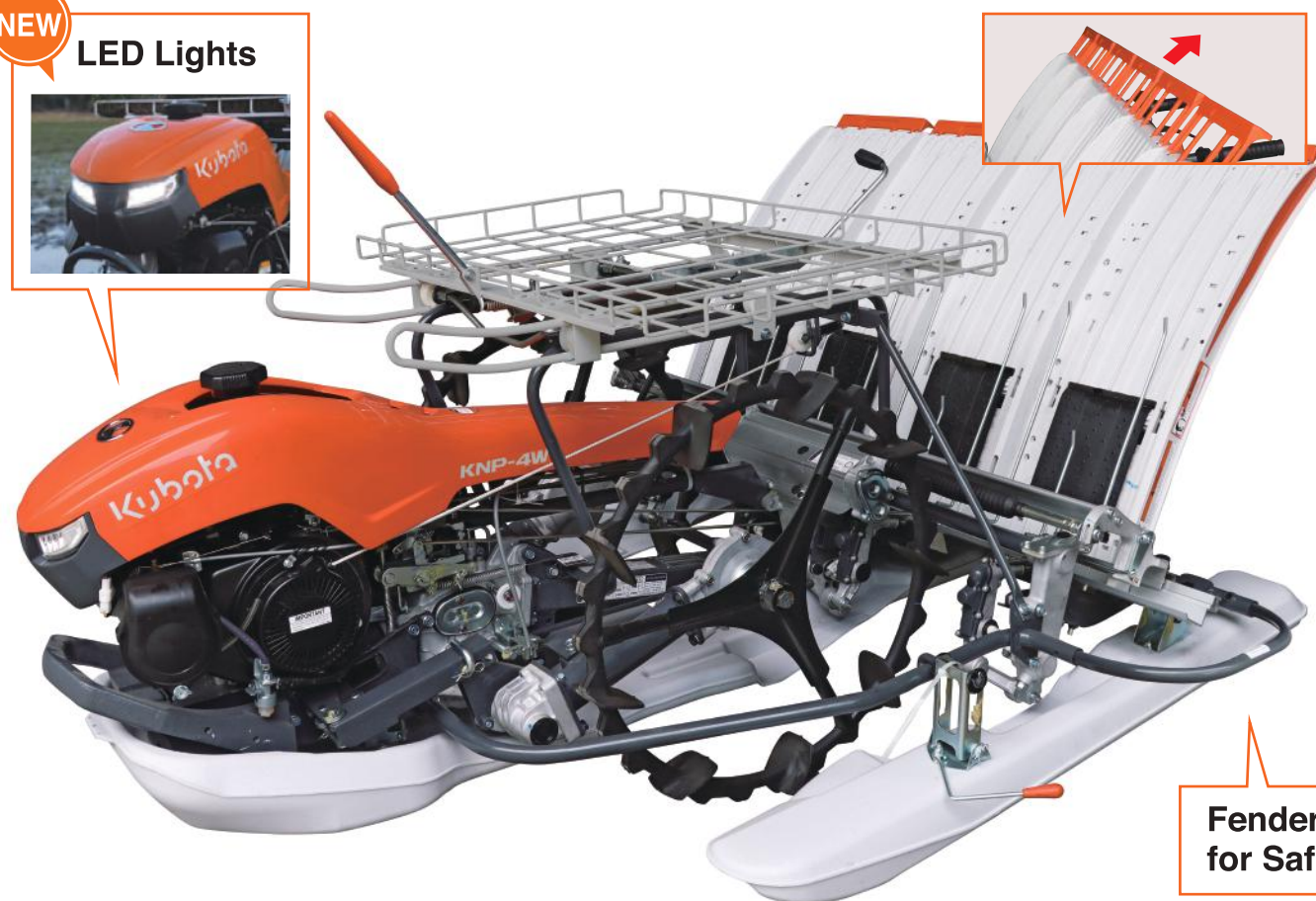
## Automatic Adjustment of Machine Height



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

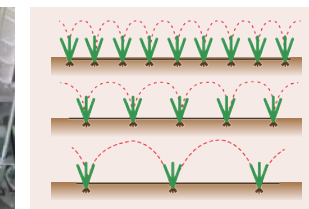


Fender Rod for Safety

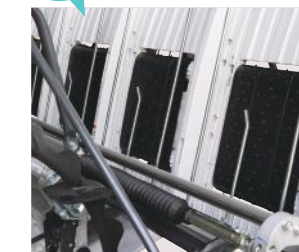
## Manoeuvrability

### 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.