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 adjustment method	Crossfeed distance/revolution	mm	10.3/26, 13.4/20
		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 tranplanting 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

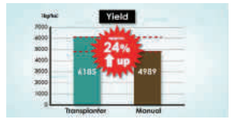
Manual Transplanting

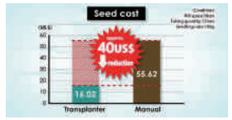
VS

Rice Transplanter

Transplanting completed in only **30 to 60** *minutes per 10a [1000m^2]*

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.

Kubota

Kubota Agricultural Machinery India Pvt Ltd.
No.94, TVH BELICIAA, TOWER- 1,
8th floor, MRC Nagar, Chennai - 600 028
Tel : +91 - 44 - 6104 1500 Fax : 044 6104 1600
Web : www.kubota.co.in, Follow Us : YouTube

Cat. No. 6222-01-IN SP. '22-JAN

For Earth, For Life
Kubota

Kubota Walk-behind Rice Transplanter

KNP-4W

Simple and Easy Operation
Excellent Work Efficiency

Superior Efficiency with the New Kubota Rice Transplanter !!

Working Efficiency

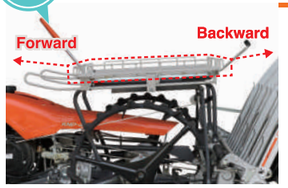
NEW Powerful OHV Engine

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.

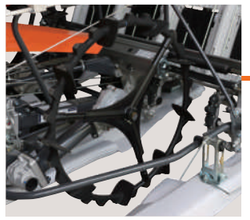
Easy Maintenance

NEW One-touch Open Bonnet

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

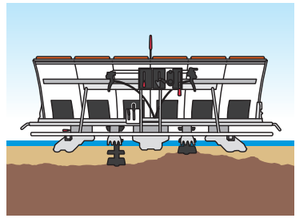
Performance in Muddy Field

Large Diameter Wheels



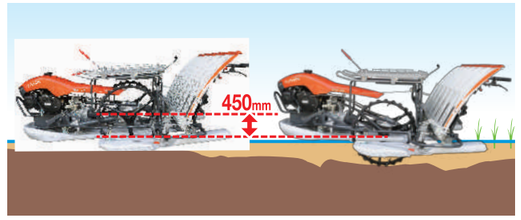
The large 660mm diameter of the wheels contributes to stable transplanting operations even in deep-tilled paddy fields. The position of the wheel can be adjusted according to the depth of the field.

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.

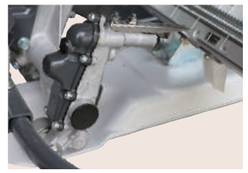
NEW LED Lights

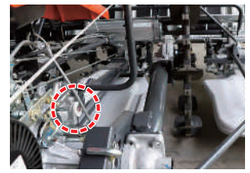
Fender Rod for Safety

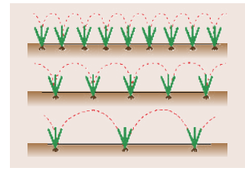
Manoeuvrability

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.

Durability

Hexagonal Axle

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

NEW Oil Bath Method for Axle Case

The axle case has been changed from a grease method to an oil bath method to improve maintainability and durability.

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