

 Senyta Intelligent Equipment Co., Ltd.

 029-85796416

 shangyidaservice@gmail.com

 <https://www.sydauto.com/>

 Shaanxi Aerospace Power Innovation Center, No. 168 Xihu Road, Chang'an District, Xi'an, Shaanxi, China

 Liucunbao Industrial Park, Fengchan Road, Weiyang District, Xi'an, Shaanxi, China (R&D Center)

Intelligent Precision Rice Direct Seeder

Product Description

The Intelligent Precision Rice Direct Seeder is an advanced seeding and fertilizing machine that uses a smart app for precise control. It delivers seeds and fertilizer evenly using a high-speed airflow system and is compatible with major rice transplanters like Kubota and Yanmar.

It can perform seeding and fertilizing in one pass, and when equipped with a side-deep fertilization unit, it places fertilizer precisely 4.5 cm beside and 5 cm below the seed—ensuring nutrients go to the rice, not the weeds.

The machine removes the need for seedling cultivation and transplanting, saving time, labor, and cost. With intelligent speed-adaptive control and real-time sensors for speed, seed flow, and material level, it maintains over 98% accuracy, offering reliable, efficient, and highly precise operation.



Product Features

✓ Smart Operation

WiFi or smartphone app control with one-touch setup; real-time monitoring and alerts for seed levels and blockages.

✓ Multi-Purpose Use

Supports 1–10 mm seeds and granules like rice and fertilizer; each row seeds independently for consistency.

✓ Air-Blown Delivery

Powerful fan ensures smooth seed flow and prevents clogging, improving seeding efficiency.

✓ Speed-Adaptive Seeding

Automatically adjusts seeding rate based on vehicle speed for uniform distribution.

✓ Precision Control

Accurate seed pickup via smart stepper motor control; ensures reliable performance.

✓ Modular Design

Tool-free disassembly with quick-release knobs for easy maintenance.

Product parameters

Item	Unit	Specification
Supporting Power	/	6–8-row diesel rice transplanter
Working Width	m	2 / 2.5 / 3.0
Number of Rows	rows	Optional: 8 or 12 rows
Working Efficiency	mu/h	20–40 mu
Seeding Rate	kg/mu	Adjustable: 1–30 kg