


 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)

## Compound Precision Seeder

### Product Description

The compound precision seeder is an intelligent sowing machine designed for modern agriculture, which integrates multiple functions of soil crushing, land leveling, seeding and covering, suitable for precision sowing of wheat, corn, soybeans and other crops.; Equipped with an efficient crushing roller, contour-following press wheel and precision seed metering device, it ensures uniform soil depth and accurate seed placement. Through Optimized transmission and new control pin technology ensure stable operation in complex terrain, improving sowing efficiency and consistency. In addition, The modular design simplifies maintenance and expansion, making it ideal for large-scale and precision agriculture.



### Product Features

✓ Millimeter-Level Precision Seeding

High-precision seeders with contour-following press wheels allow single or multi-seed modes,

maintaining  $\leq 5$  mm spacing error and 98% germination rate (tested with corn and soybeans).

#### ✓ Integrated Operations

Combines soil crushing, trenching, seeding, covering in one process, saving 30% fuel and achieving up to 600 mu/day with outperforming traditional segmented methods.

#### ✓ All-Terrain Adaptation

Dynamic contour-following wheels and adaptive transmission ensure stable seeding depth  $\pm 1$  cm (up to  $15^\circ$  slopes), improving qualified rate by 40% in hilly areas.

#### ✓ Intelligent Control

Multispectral sensors monitor soil conditions in real time, automatically adjusting seeding depth and frequency and missed seeding rate  $< 0.5\%$  (industry average 2%), which supports Beidou navigation for path planning.

### Product parameters

Project Name	Number of Rows	Row Spacing	Working Width	Supporting Power	Overall Dimensions (L×W×H)
Unit	row	mm	mm	hp	mm
D-16	16	150	2500	130-170	2700*2700*1800
D-20	20	150	3000	180-250	2700*3200*1800
D-24	24	150	3500	220-300	2700*3700*1800