

 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)

Combined Precision Grain Drill

Product Description

The combined precision grain drill is a piece of intelligent seeding equipment tailored for modern agriculture. It supports various sowing modes and integrates tilling, fertilizing, and precision seeding in one operation. Suitable for crops like wheat, corn, soybeans, and large-scale planting of oil crops, this equipment ensures uniform and efficient operations.

With precise metering and seed-fertilizer separation, it prevents uneven sowing and fertilizer burn. The machine is equipped with GPS or Beidou systems for precision operations, supports various fertilization methods, and adapts to multiple field types. It is a preferred choice for modern agricultural seeding.



Product Features

✓ Millimeter-Level Precision Seeding

High-precision seed meters combined with profiling press wheels enable flexible switching

between single-seed and multi-seed modes. Seed spacing error ≤ 5 mm, and germination rate reaches up to 98% (tested on corn/soybean).

✓ Integrated Compound Operations

Combines soil crushing, trenching, seeding, and covering in one pass, reducing fuel consumption by 30% per operation. Daily average efficiency reaches 600 mu (compared to traditional segmented operations).

✓ All-Terrain Adaptability

Equipped with dynamic profiling press wheels and an adaptive transmission system, ensuring sowing depth stability within ± 1 cm on 15° slopes. Qualified operation rate increases by 40% in hilly regions.

✓ Intelligent Control

Multispectral sensors monitor seedbed conditions in real time, automatically adjusting seeding frequency and depth. Missed seeding rate is $< 0.5\%$ (industry average: 2.96%). Supports Beidou navigation 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