


 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)

Satellite Land Leveler

Product Description

The satellite land leveler adopts advanced GNSS (satellite navigation) positioning technology for precision leveling. It supports intelligent slope control and automatically adjusts based on topographic data, enabling fine leveling with a tolerance of ± 0.5 cm.

It ensures optimal water use and uniform irrigation, promoting higher yields. The machine has strong terrain adaptability and is suitable for large-scale farmland. It significantly improves leveling efficiency, reduces manual labor, and boosts land-use efficiency and productivity.



Product Features

✓ Centimeter-Level Positioning

Dual BeiDou/GNSS system cooperative positioning with ± 2.5 cm accuracy, supporting precise slope leveling.

✓ Extra-Wide Operation

4.5-meter working width, capable of processing 200 mu (approx. 13.3 hectares) per day, increasing efficiency by 40%.

✓ All-Terrain Adaptability

Adjustable tire width (0.8–1.2 meters) improves passability by 32%, suitable for both hilly and flat terrains.

Product parameters

Item Name	Unit	Details	
		Model 400C	Model 450C
Overall Dimensions (L×W×H)	mm	4970*4100*2200	4820*4600*2240
Structure Type	/	Trailed Type	Trailed Type
Max Working Width	mm	4000	4500
Required Tractor Power	kW	≥132	≥150
Total Machine Weight	kg	2200	2600
Max Capacity	m ³	3	3.5
Max Tire Width	mm	2350	2650
Number of Tires	↑	4	6