


 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)

Subsoiling Combined Land Preparation Machine

Product Description

The subsoiling combined land preparation machine integrates subsoiling, soil crushing, leveling and compaction in a single operation, significantly reducing field passes, improving efficiency, and lowering costs, and it is compatible with multiple tractor models. By optimizing soil structure, it creates a loose yet compact soil environment for root growth, enhancing crop lodging resistance and yield.



Product Features

✓ Multi-Functional and Efficient

Integrates five function, including subsoiling (270–280 mm), soil crushing, leveling,

flattening and compaction to complete all tasks at once, reducing repeated compaction and protecting soil structure, cutting operational costs by over 30%.

✓ Improved Water Retention and Resistance

Preserves soil aggregates to improve water retention (especially in arid regions), while breaking plow pans to promote deeper root growth, enhancing crop lodging resistance by over 20%.

✓ Temperature and Environmental Benefits

Smooth compacted surface accelerates soil warming, extending the growing season.; Modular design achieves over 95% soil crushing rate, fuel use reduced by 25% and soil erosion minimized.

Product parameters

Item Name	Unit	Model		
		D-3.5	D-4.5	D-6.0
Working Width	mm	3500.0	4500.0	6000.0
Disc Spacing	mm	270-280	270-280	270-280
Number of Discs	/	13.0	16.0	21.0
Number of Gears	/	12.0	14.0	18.0
Matching Power	hp	240-270	300-322	300-360