

 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)

Hydraulic Reversible Plough

Product Description

The hydraulic reversible plough is a product designed for agricultural mechanization. It adopts high-strength materials and a modular frame, enhancing structural rigidity and durability, suitable for dry land, paddy fields, and intercropping tillage. Its core feature is the use of hydraulic drive for reversing the plough body, enabling dual-direction tillage, significantly improving operational efficiency.

This product's design not only reduces turning time and fuel consumption during tillage but also improves land flatness and uniformity, meeting the modern needs for efficient and high-quality soil preparation. The machine is widely used in various soil and crop conditions, ensuring good tillage quality, and is characterized by durability and reliability.



Product Features

✓ High Efficiency & Energy Saving

Hydrodynamic ploughshare design reduces resistance by 18%, with fuel consumption at just 1.2L per mu; bidirectional hydraulic turnover efficiency is improved by 35%.

✓ Intelligent Regulation

EC sensors automatically adjust tillage depth, achieving 93% stability in black soil regions.

✓Soil Improvement

Optimized plough body achieves 95% stubble burial rate and improves organic matter mixing uniformity by 40%.

✓Superior Durability

Q345B steel frame + manganese steel joints ensure a lifespan of 8000 mu; replaceable tungsten carbide tips reduce cost by 70%.

✓Full Scenario Compatibility

One-click switching between deep tillage for corn, shallow tillage for wheat, and saline-alkali soil improvement modes; supports IoT-based fault prediction.

Product parameters

Item Name	Roller Quantity	Single Roller Working Width	Max Working Width	Roller Longitudinal Distance	Matched Power	Beam Size	Clearance Under Beam
Unit	pcs	/	/	/	/	/	/
360 Type	6(3×2)	530, 600	1800	1200	150–180	140×140	90
440 Type	8(4×2)	350, 400	1600	1000	140–180	120×120	85
450 Type	8(4×2)	440, 500	2000	1000	160–210	120×120	85
460 Type	8(4×2)	530, 600	2400	1200	210–240	140×140	85
550A Type	10(5×2)	500	2500	1000	210–260	140×140	85
550 Type	10(5×2)	440, 500	2500	1000	210–260	140×140	85
560 Type	10(5×2)	530, 600	3000	1200	220–280	140×140	85
650 Type	12(6×2)	530, 600	3200	1200	260–320	160×160	85
750 Type	14(7×2)	440, 500	3500	1000	280–400	160×160	85