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Vacuum No-Till Seeder – Heavy Type

Product Description

The heavy model is an advanced seeder ideal for large-scale no-till operations. It completes surface leveling, stubble clearing, fertilizing, and sowing in one pass. Suitable for drylands, plains, hills, and various terrains, it uses precision vacuum seed metering systems, providing consistent spacing and depth.

Equipped with heavy-duty structural support and wear-resistant materials, it ensures durability and reliability. With its large-capacity boxes and highly adaptable system, it meets the demands of modern intensive agriculture with high efficiency and automation.



Product Features

✓ Efficient No-Till Operation

With 220 kg unit downforce and 420 mm dual-disc openers, it achieves a residue clearance

rate of over 95%.

Completes the full process of trenching, seeding, and covering in a single pass, boosting efficiency by 40%.

✓ Intelligent Precision Seeding

Vacuum seed meters ensure plant spacing error ≤ 1 cm, with a missed seeding rate $< 0.8\%$.

Equipped with a real-time monitoring system that triggers an alert within 0.5 seconds of detecting anomalies, achieving a seeding qualification rate $> 99\%$.

✓ Flexible Adaptability

Modular design supports fast switching between crops like corn and soybeans.

Stepless row spacing adjustment from 400–700 mm, meeting the needs of conservation tillage and dense planting.

✓ Military-Grade Durability

304 stainless steel fertilizer box offers excellent corrosion resistance;

Manganese steel dual-beam frame increases load capacity by 50%;

Anti-wrapping PTO shaft achieves 96% transmission efficiency and a service life of over 8,000 mu.

Product parameters

Item Name	Matching Power	Overall Dimensions	Operating Speed Range	Row Spacing	Number of Rows	Seed/Fertilizer Box Capacity
Unit	kW	mm	km/h	mm	line	L
Model Y-2	25.8~47.8	3415x2140x1680	8~10	400~700	2	33x2/360
Model Y-4	44.1-58.8	3415x3110x1680	8~10	400~700	4	33x4/360x2
Model Y-5	58.8~95.6	3330x3100x1680	8~10	400~700	5	33x5/360x2
Model Y-6	102.9~169.5	3910x4100x1800	8~10	400~700	6	33x6/480x2
Model Y-8	147~250	3910x5500x1800	8~10	400~700	8	33x8/670x2