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Pneumatic Suction No-Till Seeder – Heavy Type

Product Description

The heavy-duty pneumatic suction no-till seeder is a high-efficiency and precision agricultural implement suitable for various farm scales that can complete multiple processes such as trenching, side fertilization, stubble breaking, seeding, soil covering and compaction in one pass, meeting no-till seeding requirements for crops like corn, soybeans, sorghum and sunflower.

Equipped with an advanced pneumatic precision seeding system that ensures high precision and avoids double seeding or missed holes. The 304 stainless-steel reinforced fertilizer box and high-strength manganese steel double-beam structure provide excellent corrosion resistance and prevent straw clogging to ensure reliable performance for efficient precision farming.



Product Features

- ✓ Efficient No-Till Operation

Single-unit pressure of 220 kg combined with 420 mm dual-disc openers achieves a $\geq 95\%$ stubble clearing rate, completing trenching, seeding, and covering in a single pass, improving efficiency by 40%.

✔Intelligent Precision Seeding

Pneumatic seed meter achieves ≤ 1 cm plant spacing error $\leq 0.8\%$ missed-seeding rate, it is equipped with a real-time monitoring system that alarms within 0.5 s of abnormality, ensuring over 99% qualified seeding rate.

✔Flexible Adaptation

Modular design supports quick switching between corn and soybean with stepless row spacing adjustment from 400–700 mm, meeting conservation tillage and dense planting needs.

The 304 stainless-steel fertilizer box is corrosion-resistant; the manganese-steel double beam increases load capacity by 50%.; The anti-wrapping PTO shaft delivers 96% transmission efficiency and over 8,000 mu of service life.

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