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Subsoiling Combined Tillage Machine

Product Description

This machine combines deep loosening, tilling, leveling, and pressing in one. It is designed to complete soil preparation in a single operation, solving issues like soil compaction and poor drainage.

It enhances root zone conditions, retains moisture, and promotes soil structure improvement. Its large working width, strong penetration ability, and durable construction make it ideal for high-standard land preparation, improving tillage efficiency and quality significantly.



Product Features

✓ Multifunctional & Efficient Integrated Operation

Integrates five major functions: subsoiling (270–280 mm), soil crushing, ridging, leveling, and compaction.

Completes multiple tasks in a single pass, reduces repeated machine traffic, protects soil structure, and cuts operational costs by over 30%.

✓Dual Enhancement of Water Retention & Stress Resistance

Preserves the soil's granular structure in the tillage layer, improving moisture retention capacity (especially suited for arid regions).

Simultaneously breaks the plough pan, promoting deeper root growth and increasing crop lodging resistance by 20%+.

✓Temperature Accumulation & Environmental Benefits

A firm, level soil surface accelerates warming and extends the effective growing period.

Modular design achieves over 95% soil crushing rate, reduces fuel consumption by 25%, and minimizes water and soil erosion.

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