TRAILED SHEAR-BOLT SUBSOILERS

Trailing Subsoiler with RC-RP Safety Bolt

Di Raimondo's trailed subsoilers offer unparalleled operational versatility for managing large areas. Designed to handle a wide range of soil types - from loamy to clayey - these machines are ideal for breaking up compacted soil, improving drainage and promoting optimal aeration. Their robust and dynamic structure ensures deep vertical cracking, preparing the seedbed in optimal conditions, whether in conditions of extreme drought or where stone is prevalent.

Key Features and Innovations

· Superior Energy Efficiency: Thanks to their aerodynamic design, the anchors minimise drag, ensuring fuel savings of over 30% compared to industry standards.

· Patented Lever System: The original safety bolt mechanism uses a unique lever system to reduce the shear force on the bolt itself. This protects the integrity of the frame and increases its longevity.

· Quick and Safe Maintenance: The safety system is positioned above the frame, enabling the operator to replace the bolt quickly and safely, thereby eliminating downtime.

· Anti-Clogging Design: The robust, open-structured frame is designed to prevent the accumulation of crop residues or biomass, ensuring impeccable performance even when tackling tough stubble.

· Structural Strength: These subsoilers are constructed from high-strength steel, enabling them to absorb severe stresses without becoming permanently deformed.

Technical and Performance Specifications

· Working Depth: The machine operates with a precision of up to 50 cm for the RC and RAPTOR series and up to 60 cm for the PREDATOR series.

· Field Test Results: During testing on medium-textured soils that were rich in clay and silt, the machines demonstrated exceptional stability and penetration capacity. This ensured optimal soil cracking in a single pass.

Technical Data

Model	**Folding**	**Overall Width**	**Row spacing**	**Working width**	**Working depth**	**Weight**	**Power**
	TIPO	CM	CM	CM	CM	KG	HP
RAPTOR-9T	IDRAULICO	300	46	395	50	3900	300-400
PREDATOR-9T	IDRAULICO	300	47	395	60	5000	350-400