SHEAR-BOLT SUBSOILERS



RC-RP Subsoiler with Safety Shear Bolt

The RC, RAPTOR and PREDATOR series of rigid subsoilers from Di Raimondo are designed for deep soil aeration and regeneration.

Here is a summary of their main features:

Innovation and Mechanics

· Patented Lever System: It uses an exclusive safety bolt lever mechanism that reduces shear stress on the bolt itself and protects the frame from impacts with fixed obstacles.

· Ergonomic Maintenance: The safety system is positioned above the frame, enabling the bolt to be replaced quickly and safely.

· Anti-Clogging Design: The 'open frame' structure prevents the accumulation of biomass and crop residues, such as stalks, ensuring uninterrupted operation.

Performance and Savings

· Energy Efficiency: Thanks to their special shape, the tines reduce traction force, leading to fuel savings of over 30% compared to market standards.

· Working Depth: The RC and RAPTOR series reach 50 cm, while the PREDATOR series extends to 60 cm.

· Soil Versatility: It is effective on loose, heavy clay soils or those with a high stone content.

· Soil Improvement: Thanks to uniform vertical cracking, it promotes aeration, water drainage and root development.

· Stability in the Field: Thanks to its design geometry, the product ensures immediate penetration and constant stability, reducing overall working times.

Technical Data

Model	**Folding**	**Overall Width**	**Row spacing**	**Working width**	**Working depth**	**Weight**	**Power**
	TIPO	CM	CM	CM	CM	KG	HP
RC-5-230		230	53	230	50	830	120-140
RC-7-290		290	46	290	50	1050	160-180
RAPTOR-7		300	46	300	50	1380	200-300
RAPTOR-9	IDRAULICO	300	46	395	50	2100	300-400
PREDATOR-7		300	47	300	60	1900	200-300
PREDATOR-9	IDRAULICO	300	47	395	60	3000	350-400

Optional accessories

P-series depth wheels