HYDROPNEUMATIC SUBSOILERS

RABBIT - Hydropneumatic Subsoiler

The DIR RABBIT is Di Raimondo's specialist solution, designed to deliver maximum performance in confined spaces. Ideal for use in greenhouses, vineyards and orchards, this compact subsoiler allows medium-horsepower tractors (60-90 HP) to effortlessly navigate even the toughest, stoniest terrain. Thanks to its optimised design, it turns challenging passages into smooth operations, improving soil aeration and promoting optimal drainage.

Key Features

· Hydropneumatic 'No-Stop' Technology: It brings the efficiency of large subsoilers to compact machines, absorbing shocks and vibrations to ensure uninterrupted operation, even when encountering stones.

· Extremely Compact Design: Thanks to its compact frame and adjustable couplings, the implement can be kept very close to the tractor, ensuring exceptional manoeuvrability at the ends of greenhouses and in narrow rows.

· Energy Efficiency and Traction: The hydraulic system creates a 'thrust' effect, increasing the tractor's inertia and grip and drastically reducing slippage and fuel consumption.

· Uncompromising Durability: Thanks to its high-strength steel construction, it offers superior longevity and minimised maintenance costs due to the protection of its mechanical components against impact.

· Superior Soil Preparation: In a single pass, it loosens the soil vertically, breaks up large lumps and brings weeds to the surface to be naturally devitalised.

Performance and Field Test

Tests carried out on various soil types, ranging from loose to medium-textured soils containing clay and silt, have confirmed the operational effectiveness of the DIR RABBIT.

· Working Depth: With a maximum working depth of 40 cm, it is ideal for breaking up compacted layers and improving soil productivity.

· Field Results: The machine has demonstrated its superior ability to break up the soil, ensuring uniform water penetration and effective aeration from the very first pass.

Technical Data

Model	**Overall Width**	**Row spacing**	**Working width**	**Working depth**	**Weight**	**Power**
	CM	CM	CM	CM	KG	HP
RABBIT 3	130	55,5	130	40	340	50-80
RABBIT 3/5	140	30	140	40	430	50-90