HYDROPNEUMATIC DISC PLOUGHS / CULTIVATORS

The SILVER is a heavy-duty disc plough and cultivator designed for use in extremely hard and stony soils. It is the ideal solution for preparing rocky surfaces for cultivation, ensuring optimal aeration and creating the perfect seedbed.

Key Features and Operational Benefits

· Mastery on Rocky Ground: Thanks to the independently fitted arms with a 'No-Stop' hydro-pneumatic system, each disc can lift independently upon contact with rock, instantly returning to its normal position to protect the frame's integrity.

· Superior Energy Efficiency: Thanks to its streamlined design, the SILVER requires far less traction effort than a traditional plough, resulting in significant fuel savings and preventing excessive tractor slippage.

· Versatility in Green Manure: Thanks to the high cutting capacity of the 66 cm discs, the machine excels at burying stubble and crop residues, ensuring rapid and effective decomposition.

· Stability and Precision: The in-furrow or out-of-furrow configuration, combined with depth wheels, ensures a perfectly straight path. This eliminates sideways drift and makes steering easier, even on particularly tough soils.

· Structural Durability: The nitrogen-filled pistons act as smart shock absorbers, protecting bearings and mechanical components by absorbing violent impacts over time.

Technical Specifications and Performance

· Working Depth: It can operate continuously from a few centimetres below the surface up to a maximum of 25 cm. This is hydraulically adjustable to suit all agronomic requirements.

· Field Results: Tests have demonstrated the machine's remarkable stability on rocky ground and soil with a high graveled soils. It maintains a constant speed without compromising the quality of the work achieved.

· Hydraulic Adjustment: Operating times can be optimised by adjusting the working angle and width directly from the tractor cab.

Technical Data

Model	**Folding**	**Working width**	**Working depth**	**Weight**	**Power**
	TIPO	CM	CM	KG	HP
SILVER-66/13	IDRAULICO	214-368	10-25	2370	150-200
SILVER-66/14	IDRAULICO	231-397	10-25	2440	160-200
SILVER-66/15	IDRAULICO	248-427	10-25	2560	180-300