HEAVY-DUTY HYDROPNEUMATIC CULTIVATORS



In line with Di Raimondo's design philosophy, the DIR HAMMER represents the ultimate evolution of the heavy-duty hydropneumatic cultivator. Designed specifically for breaking up and primary tillage of large areas, this machine can replace traditional ploughing and ensure deep soil regeneration and optimal seedbed preparation. It is the ideal solution for farmers and contractors working on challenging terrain who need to maximise their seasonal productivity.

Key Features

· One-Pass Efficiency: Thanks to the tines' unique angle, the machine can break up, work and level the soil in a single pass. This significantly reduces fuel consumption and working time in the field.

· Anti-Clogging Geometry: The arrangement of the working bodies in three wide rows ensures a consistent flow of soil. This design specifically eliminates the risk of blockages, even when there is a lot of biomass or crop residues, which overcomes the limitations of more compact cultivators.

· Ultra-Reinforced Frame: At the heart of the HAMMER lies a heavy-duty frame made from high-strength steel. This structure is designed to withstand extreme stresses during tillage without deforming, ensuring unrivalled longevity.

· Versatility and Transport: Despite its robust build, the range includes models with a 2.48 m hydraulic folding system that facilitates completely safe and compliant road transport.

· Hydropneumatic System: Thanks to its integrated hydropneumatic technology, the machine can adapt dynamically to uneven ground, ensuring constant operational continuity, even on tough soils.

Performance and Results in the Field

Field tests have confirmed the machine's exceptional operational stability. Working at a depth of 25-30 cm, the HAMMER breaks up the topsoil with precision, promoting proper soil drainage. The end result is a perfectly broken-up and levelled field, ready for the next stage of cultivation.

Technical Data

						
Model	**Folding**	**Overall Width**	**Working width**	**Working depth**	**Weight**	**Power**
	TIPO	CM	CM	CM	KG	HP
HAMMER-9/11	IDRAULICO	248	302	25-30	1800	120-180
HAMMER-9/13	IDRAULICO	248	357	25-30	2100	200-250
HAMMER-11/13	IDRAULICO	302	357	25-30	2100	200-250
HAMMER-11/15	IDRAULICO	302	412	25-30	2300	250-300

Optional accessories

P-series depth wheels