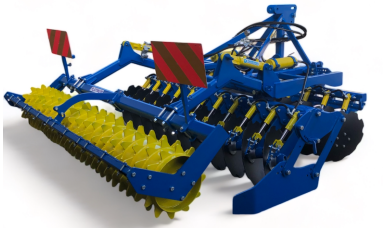
HYDROPNEUMATIC DISC HARROWS WITH ROLLER



The DIR PLATINUM series showcases Di Raimondo?s technological expertise in shallow tillage and crop residue management. Designed to operate with precision at depths between 3 and 10 cm, this hydropneumatic disc harrow with independent discs is the ideal machine for minimum tillage, false sowing, and uniform incorporation of heavy residues or green manure crops. Thanks to its robust and versatile design, it delivers impeccable performance on all soil types, from loose to the most compact and stony.

Key Features

· Stability and Operational Precision: The discs are arranged in opposing rows, which completely cancels out lateral forces. This enables the machine to work in a straight line, eliminating the need for the tractor to make any course corrections and ensuring perfect levelling.

· Hydropneumatic No-Stop System: Each disc is equipped with independent hydropneumatic safety features. If it encounters obstacles such as rocks or stones, the disc instantly lifts and returns to its normal position, protecting the structure and preventing machine downtime.

· Efficiency and Energy Savings: Eliminating lateral drift drastically reduces the required traction effort. Field trials have demonstrated tangible fuel savings and reduced working times, enabling chopping, mixing and levelling to be carried out in a single pass.

· Optimal Residue Management: This machine has excellent penetration capacity, even in the presence of large volumes of maize or wheat stubble. It promotes surface cracking and the decomposition of residues, thereby improving the soil's agronomic fertility.

· Customised Configurations: It is available in a mounted version with a roller (R) for maximum manoeuvrability and depth control, or in a trailed version (T) for handling high power outputs (up to 400 HP) and reducing soil compaction over large areas.

· Superior Build Quality: The Platinum is constructed from high-strength materials and features bushings with fixed bearings. This design ensures consistent performance over time, even under intense professional use.

Technical Data

					
Model	**Units**	**Overall Width**	**Working width**	**Weight**	**Power**
	N	CM	CM	KG	HP
PLATINUM-280R	22	280	277	2100	140-160
PLATINUM-300R	24	300	300	2200	160-180
PLATINUM-350R	28	350	350	2800	200-250
PLATINUM-400R	34 (22+12)	255	415	3520	200-250
PLATINUM-500R	42 (26+16)	300	506	4300	300-400
PLATINUM-600R	48 (26+22)	300	575	4900	300-400