



MODEL

**500LM
1000LM**

HYDROTEC

POWER-DRIVEN HYDROSEEDERS



MODEL
IDR500LM

MODEL
IDR1000LM



HYDROTEC

POWER-DRIVEN HYDROSEEDERS

The Hydrotec series has been designed to be used in conjunction with small and light duty vehicles such as small vans, pick-ups etc.

It is the **perfect compromise to complete small to medium hydroseeding works** and for those who are approaching this reality (gardeners, nurseries, construction companies etc.)

The **standard range** of machines is composed of two models, both available in diesel or petrol engine and both realized with polyethylene tank HDPE (500 or 1000 liter capacity).



Equipped with the exclusive AGROTEC technology, they can perform any type of hydroseeding, even with the thickest mixtures.



THE ADVANTAGES OF AGROTEC TECHNOLOGY

+ POSITIVE DISPLACEMENT PUMP

Used to pump dense and viscous fluids. It guarantees a constant high pressure, giving the possibility to use long pieces of hose.

+ SUCTION PIPE WITH SAFETY DEVICE

Every model is equipped with a suction pipe allowing a quick entry of water in the tank without the use of any other device.

+ HYDRAULIC MOTORS

Two hydraulic motors, connected to their respective tandem pumps, regulate the use of the pump and the mixer, ensuring steady performance throughout the period of use.

+ HEAT EXCHANGER

Essential device that guarantees a constant hydraulic oil temperature. The heat exchanger allows to keep working 24/7, without shutting the machine off.

+ LONG-LASTING QUALITY

Frames are sandblasted and hot-galvanized in order to guarantee durability.

+ MADE IN ITALY

The Agrotec hydroseeders are the outcome of over thirty years of application experience. They are the perfect synthesis of Italian craftsmanship and technology.

TYPICAL APPLICATIONS



Hydroseeding flat areas and slopes



Erosion control



Landfill cover



Mine reclamations



Dust control



Golf courses



Watering

**IDR500LM****IDR1000LM**

MEASURES [MM]	1600 x 1250 x 1200	2450 x 1400 x 2050
WEIGHT [KG]	430	800
TANK	Polyethylene HD 500 L	Polyethylene HD 1000 L
ENGINE	<ul style="list-style-type: none"> ■ Lombardini Diesel engine Single cylinder, 11 HP ■ B&S Petrol engine Single cylinder, 13 HP 	<ul style="list-style-type: none"> ■ Lombardini Diesel engine Twin-cylinder, 22 HP
PUMP	Self-priming positive displacement Flow rate 200 l/min Total head 10 bar Range around 15 mt	Self-priming positive displacement Flow rate 330 l/min Total head 10 bar Range around 25 mt
HYDRAULICS AND MIXING	Hydraulically-driven Reversible mechanical 2 paddles Inner recycle	Hydraulically-driven Reversible agitator 2 paddles Inner recycle
HYDRAULIC SYSTEM	2 pumps 2 reversible engines Oil reservoir 45 l	2 pumps 2 reversible engines Oil reservoir 65 l Heat exchanger
PIPING	2"	2"

HYDROSEEDING COVERAGE

[RECOMMENDED QUANTITIES]

HYDROSEEDING WITHOUT MULCH

IDR500LM	400 m²
IDR1000LM	700 m²

HYDROSEEDING WITH MULCH

IDR500LM	220 m²
IDR1000LM	450 m²

HEAVY HYDROSEEDING [MULCH+SUBSTRATE]

IDR500LM	150 m²
IDR1000LM	300 m²

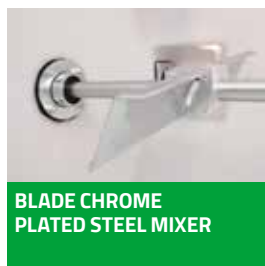
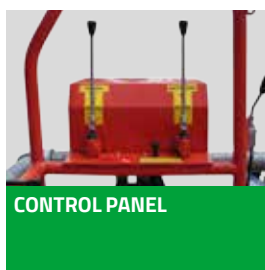
HYDROSEEDING WITH HYDROMAT MFL SYSTEM

[HYDRAULICALLY APPLIED BLANKET]

IDR500LM	60 m²
IDR1000LM	125 m²

AGROTEC TECHNOLOGY

Thanks to top quality components and craftsmanship experience, **AGROTEC** is considered the ultimate Italian manufacturer of Hydroseeding equipment..

**HEAT EXCHANGER****OLEODYNAMIC SYSTEM****BLADE CHROME PLATED STEEL MIXER****TANK FILLING HATCH PROTECTION****SUCTION PIPE KIT****CONTROL PANEL****POSITIVE DISPLACEMENT PUMP**



Why HYDROSEEDING?

Greening through Hydroseeding is a consolidated technique not only for the recovery of degraded areas in general.

But also the control erosion, to include engineering works within the environmental context, to seed public green areas and parks, landfills, golf courses and gardens.

The Hydroseeding process requires the use of professional equipment called Hydroseeders.

The purpose of Hydroseeding is to plant grass on flat areas or sloped surfaces that are subject (or not) to erosion problems.

The Hydroseeding blend should be chosen depending on the results that must be achieved and especially on the soil tree and actual conditions of the site (*slope gradient, soil classification, slope height*).



IDR500LM

WATCH THE VIDEO



IDR1000LM

WATCH THE VIDEO



Kit TRACTOR 500LM

Extra equipment to apply the machine to the tractor three-point hitch.

Only for the model IDR500LM.

