



MODEL

2000HDI  
3000HDI  
6000HDI

# HYDROTEC+

POWER-DRIVEN HYDROSEEDERS



MODEL  
IDR6000HDI



# HYDROTEC+

## POWER-DRIVEN HYDROSEEDERS

The **HYDROTEC+** series is the result of 35 years of Agrotec constructive experience. The range includes three standard models: 2000 - 3000 - 6000 liter, providing also the possibility to design and build a **SPECIAL** series for customers that owns specific means of transport.

The **HYDROTEC+** equipment is built with all the best components available in the market, obtaining the **most modern and efficient Hydroseeders**.

The **AGROTEC** corporate policy pays particular attention to the customer service having at your disposal in



making **specialised technicians that can support customers all over the world** - very important, in fact, deployment of the machine and technical training in using Hydroseeding blends. The after-sales service is directly managed by our **spare parts office**, ensuring on stock availability and delivery speed.



## THE ADVANTAGES OF AGROTEC TECHNOLOGY

### + LONG-LASTING QUALITY

The internal / external side of HYDROTEC+ tanks are sandblasted and hot dip galvanized in order to guarantee durability.

### + POSITIVE DISPLACEMENT PUMP

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

### + HYDRAULIC MOTORS

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

### + PRESSURE RELIEF SYSTEM

Exclusive cannon tower with pressure relief system for more comfort, mounted on brass swivels that allow vertical and horizontal motion.

### + 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.

### + 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.

### + NEW GENERATION DIESEL ENGINES

## TYPICAL APPLICATIONS



Hydroseeding flat areas and slopes



Erosion control



Landfill cover



Mine reclamations



Dust control



Golf courses



Watering



	<b>IDR2000HDI</b>	<b>IDR3000HDI</b>	<b>IDR6000HDI</b>
<b>MEASURES [MM]</b>	2700 x 1700 x 1600	3050 x 1930 x 2520	4000 x 2500 x 2200
<b>WEIGHT [KG]</b>	1730	2200	2900
<b>TANK</b>	Hot dip galvanized tank. Capacity: 2150 liter.	Hot dip galvanized tank. Capacity: 3100 liter.	Hot dip galvanized tank. Capacity: 6100 liter.
<b>ENGINE</b>	<b>Lombardini</b> 3 cylinder. 37 cv Diesel engine. Liquid cooling. Electric start.	<b>Lombardini</b> 4 cylinder. 49 cv Diesel engine. Liquid cooling. Electric start.	Motore <b>IVECO</b> 4 cylinder. 60 cv turbo Diesel engine. Liquid cooling. Electric start.
<b>PUMP</b>	Positive displacement self-priming pump operated by hydraulic system. Flow Rate: 470 l/min. Total head: 10 bar. Range: ca. 25-30 mt.	Positive displacement self-priming pump operated by hydraulic system. Flow Rate: 600 l/min. Total head: 14 bar. Range: ca. 35-40 mt.	Positive displacement self-priming pump operated by hydraulic system. Flow Rate: 600 l/min. Total head: 14 bar. Range: ca. 35-40 mt.
<b>HYDRAULICS AND MIXING</b>	Mechanical agitator with 5 paddles. Two directions of rotation. Mounted on bearings flanged to the tank. Operated by hydraulic engine. Internal recirculation of the slurry.	Mechanical agitator with 7 paddles. Two directions of rotation. Mounted on bearings flanged to the tank. Operated by hydraulic engine. Internal recirculation of the slurry.	Mechanical agitator with 9 paddles. Two directions of rotation. Mounted on bearings flanged to the tank. Operated by hydraulic engine. Internal recirculation of the slurry.
<b>HYDRAULIC SYSTEM</b>	2 pumps flanged to the endothermic engine. 2 reversible engines 80 liter oil tank with level indicator and thermometer. Automatic heat exchanger.	2 pumps flanged to the endothermic engine. 2 reversible engines. 95 liter oil tank with level indicator and thermometer. Automatic heat exchanger.	2 pumps flanged to the endothermic engine. 2 reversible engines. 115 liter oil tank with level indicator and thermometer. Automatic heat exchanger.
<b>PIPING</b>	3"	3"	3"

## HYDROSEEDING COVERAGE

[RECOMMENDED QUANTITIES]

### HYDROSEEDING WITHOUT MULCH

IDR2000HDI	1500 m <sup>2</sup>
IDR3000HDI	2000 m <sup>2</sup>
IDR6000HDI	3000 m <sup>2</sup>

### HYDROSEEDING WITH MULCH

IDR2000HDI	900 m <sup>2</sup>
IDR3000HDI	1400 m <sup>2</sup>
IDR6000HDI	2300 m <sup>2</sup>

### HEAVY HYDROSEEDING [MULCH+SUBSTRATE]

IDR2000HDI	600 m <sup>2</sup>
IDR3000HDI	900 m <sup>2</sup>
IDR6000HDI	1500 m <sup>2</sup>

### HYDROSEEDING WITH HYDROMAT MFL SYSTEM [HYDRAULICALLY APPLIED BLANKET]

IDR2000HDI	270 m <sup>2</sup>
IDR3000HDI	400 m <sup>2</sup>
IDR6000HDI	832 m <sup>2</sup>

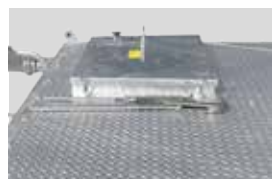


# AGROTEC TECHNOLOGY

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



HEAT EXCHANGER



HOT-DIP GALVANIZED  
TANK. INTERNALLY  
AND EXTERNALLY



FOLDABLE RAILINGS  
CE CONFORM



CONTROL PANEL



ELECTROVALVES



POSITIVE DISPLACEMENT PUMP



MODEL  
IDR3000HDI

# HYDROTEC+

## CUSTOM SERIES

### CUSTOMIZED POWER-DRIVEN HYDROSEEDERS

The **AGROTEC** production offers the possibility to **customize structure and chassis** of our Hydroseeding machines in order to adapt them to different means of transport.

MOD. IDR2700 ON LINDER



MOD. IDR2500 ON REFORM MULI



MOD. IDR2500-3000 ON UNIMOG





## 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 type and actual conditions of the site (*slope gradient, soil classification, slope height*).

**SERIE  
HYDROTEC+**

WATCH THE VIDEO

