

## **CONSTRUCTION OF HYDRO-SEEDING EQUIPMENT FOR: INDUSTRIAL USE, GARDENING, FORESTAL USE**

### WHAT IS HYDRO - SEEDING

Hydro-Seeding is the cheapest way to make any area and surface green again (embankments, slopes, ski slopes, unloading areas, land slides, erosions, earthless and humus lacking soils, green areas, sport courts, etc.).

### HYDRO-SEEDING PROCEDURE

Hydro-Seeding has to be carried out with a proper equipment that includes a tank, a pump and a rotating dispenser ( fire hose type ). Such equipment enables the distribution of a water solution made up of fertilizer, organic substance, peat, sand, fixative materials, herb and shrub mixtures etc. on the surface to be treated.

A long-throw dispenser provides, by one intervention only, the distribution thus the solution will result to be properly mixed. After a short time, the seed will start sprouting and putting out roots thus creating the grass regeneration.

### DIFFERENT USE OF SUCH EQUIPMENT

All Hydro-Seeders may be used for:

- forest, civil, industrial fire-fighting purposes, distribution of retardant or water solutions. It is even possible to pump out the solution/water either from another tank or lake or water plug and distribute it at high pressure from a greater distance;
- plant protection treatments into woods;
- disinfection and cleaning of stables, alpine summer pastures, yards, grazing lands, etc.
- watering and irrigation;
- seedings and manuring of grass fields ( gardens, sport playing fields, etc. )

### TECHNICAL FEATURES

A compact and solid equipment with minimum weights and space volumes is the result of accurate design.



Highly reliable industrial hydraulic techniques are used to enable the operator an easy use for the equipment; all equipment is provided with diesel engines ( upon request their operation may be-set through a power take-off ).

The rotation impressed to the pump and to the mixer/stirrer through the hydraulic motors, being independent, allows to change the revolutions according to operator requirements.

A contrary rotation of the pump and stirrer is also possible. If required, a pump with a 60 m. and more throw may be installed.

All equipment is provided according to clients needs, therefore steel, iron or glass resin tanks of any size and volume can be supplied.

The equipment may be permanently fixed to a lorry or other vehicle that is to say it can be loaded on and carried by any agricultural or industrial vehicle or by any trailer connected to a car.