



The best support for great results

# PROSOLO

since 1991

• Pump with 50% higher performance;

• Up to 12 possibilities for cover adjustment;

• 35% higher Yield coverage in m<sup>2</sup>/min.

Great results in soil treatment generated by the combination of appropriate resources with higher yields\*.

\*Developed by Gascom, recognized and acclaimed by the market.



## TECHNICAL CATALOG



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## PROSOLO IN ACTION



## BASIC COMPONENTS



## GREAT RESULTS IN THE FOLLOWING SECTORS



Infrastructure



Landfill



Earthworks



Mining

## FUNCTIONS

### BASICS



The soil treatment system by wetting or flooding from water pressure pump with 2 rear sprays of independent controls allow several jet settings and provides:

- Large variation in the water dosage per ground area unit;
- Different jet reaches;
- Jet direction to the desired side;
- Performances adapted without difficulty to the needs of each operation.



These features make it possible to have relevant advantages compared to "conventional tank trucks", functions such as:

- Soil compaction for construction of landfills, dams and general earthworks.
- Clears dust on roads and in areas of mineral extraction, earthworks, landfills and works in general.
- General irrigation such as implementation and maintenance of lawns and reforestation in areas of slopes, earthworks etc.

### ADDITIONAL



Prosolo provides for basic/standard output/side settling of Ø1 ½", with quick hose coupling.

Optionally, you can have Ø 1" x 25-meter hose reels and/or water cannon monitors or remotely driven.

These features allow to perform additional operational functions such as:

- Transfer of tank water or different supply.
- Hose/nozzle irrigation of areas impossible to be reached by a sprinkler system.
- General washing of floors, facilities, machinery etc.
- Soil treatment or jet sprinkler irrigation adjustable by cannon manually monitored by an operator or driven by electro-pneumatic control from the cabin (optional).
- Firefighting or control of punctual burning.

## CAIXA-BOMBA: THE HEART OF PROSOLO

### Simple:

Exclusively mechanical, the drive and transmission assembly combines robustness with simplicity, both constructive and operational. It consists of a gearbox, rotation and torque multiplier, directly coupled to a centrifugal pump.

### Powerful:

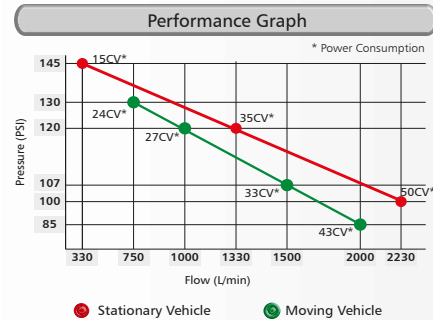
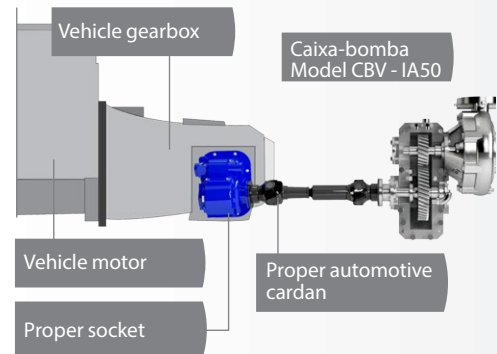
Allows capturing the change gear and transferring continuous power to the pump, higher than any other system, with the advantages of not requiring adjustments, stretches and constant lubrication.

### Reliable:

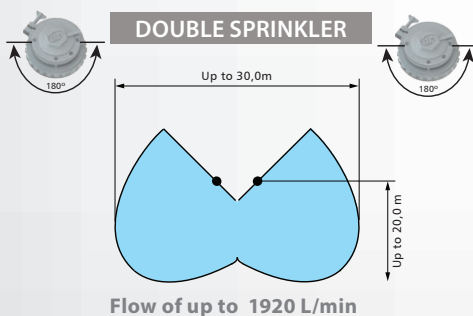
Provides low incidence of unwanted breakage and interruptions, since the transmission between the PTO and the gearbox is made directly by an automotive homokinetic cardan.

### Versatile:

It offers several gear ratios of transmission/multiplication, always matching the best pump yields, with the best torque points and vehicle rotation engine/Chassis. Operates with the vehicle still and moving, forward or in reverse gear.



## FURTHER INFORMATION



### AUTOMATIC AND EASY COUPLING\*

\* Patented



A device that enables gear changes with the vehicle in motion and keeping the water pump running.

### AUTOLOADING



FLOW = 1500 L/min

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