



The best support for great results

MULTIFLEX

- Provides several features, offering satisfactory resources yields for each operation;
- Robust and sturdy, provides long life, low incidence of unwanted stops and low maintenance costs;
- Operates in several conditions, with the stationary or in motion vehicle, keeping the ideal operating conditions.

Full proof multi-functionality for combining efficiency and operating coverage, both in is functioning and in the segments served.



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MULTIFLEX IN ACTION



BASIC COMPONENTS



GREAT RESULTS IN THE FOLLOWING SECTORS



Mining



Roads and Highways




Earthworks





Infrastructure


FUNCTIONS


BASICS

 Performs water pumping in order to supply the reservoirs, including air reservoirs with 50m elevation.


 Efficiently Washes floors and general facilities such as yards, sidewalks, public places, industries, clubs and condominiums (Ø 1" hose reels or Ø 1.1/2 hose)


 Treats soil by wetting or flooding in operations of dust clearance on roads, plots, maneuvers yards as well as in mining and mineral extraction areas, landfills and general works (back sprinkler).


 Performs pre wetting or dust clearance operations through an irrigating bar, lower rear through gravity (shower).

 Performs water auto loading through suction lower levels such as springs, swimming pools and underground deposits.


ADDITIONALS

 Treats the soil by wetting or soaking in soil compaction operations for construction of roads, earthworks, dams and embankments in general (back sprinkler).

 Washes effectively asphalt or concrete tracks such as streets and highways (front duck nozzels).

 Sprinkler irrigation, planting areas or in the maintenance of lawns, gardens, plant nurseries or plots, as well as reforestation areas in landfill, slopes and environmental reserves (cannon-monitor).

SPECIALS

 Washes by high pressure water jet on surfaces with encrusted dirt requiring work pressures above 100bar, such as metal fenders, low walls of median strip, guard rails and bridge and overpasses columns, road signs plates, fixed reflective on rolling slopes, structures, facades, monuments etc. (1/2" gun/hose).

CAIXA-BOMBA: THE HEART OF MULTIFLEX

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:

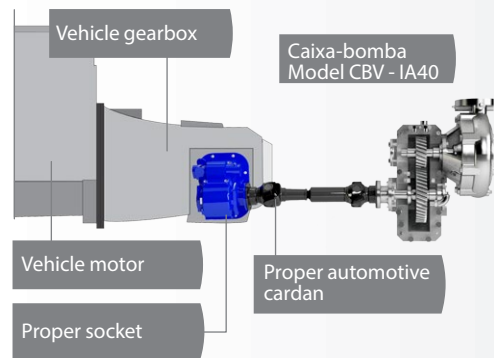
Allows capturing the change gear and transferring continuous power to the pump, higher than any other system, with the advantages of not requiring adjustments, stretches and constant lubrication.

Reliable:

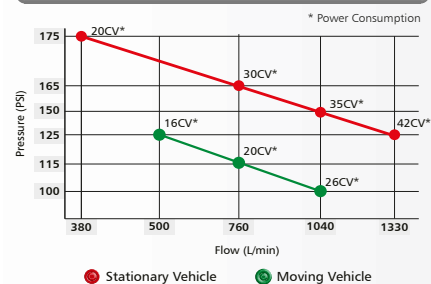
Provides low incidence of unwanted breakage and interruptions, since the transmission between the PTO and the gearbox is made directly by an automotive homokinetic cardan.

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.

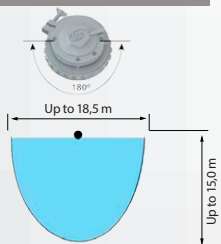


Performance Graph



FURTHER INFORMATION

SINGLE SPRINKLER



Flow of up to 1300 L/min

AUTOMATIC AND EASY COUPLING*

* Patented



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

HOSE REELS



Hose reel Ø 1" x 25 m, manual rewind, from full jet spout to fine mist Ø 1"

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