DATASHEET
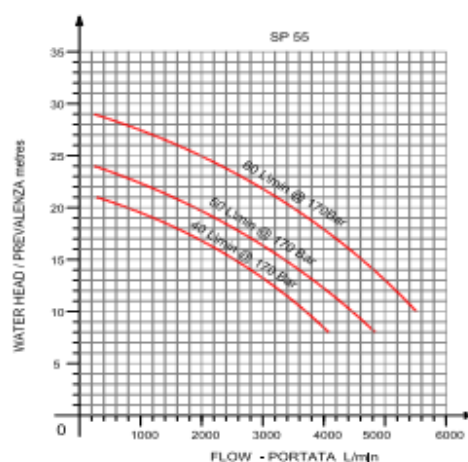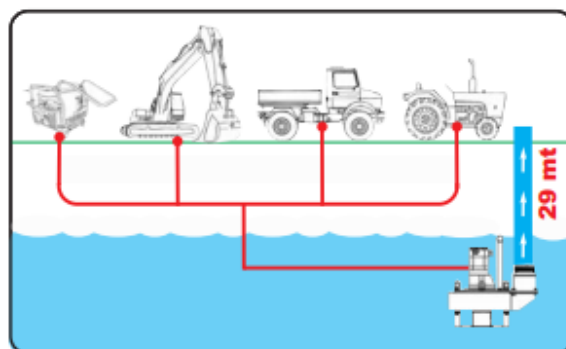## SUBMERSIBLE TRASH PUMP WITH HYDRAULIC MOTOR - 5,5"
SP55

The SP55 is a high performance trash water pump with a discharge mouth of 5,5". The SP55 is ideal in large dewatering works, in the rental activity, as "well point" pump, in the civil protection and military sector, in sewage treatment plants and in all intervents where it is necessary to quickly move large volumes of water and heavy loaded fluids. The maximum flow capacity of the SP55 is 5500 L/min. (330 m/cub x h) with a water head of up to 29 metres. The main characteristics of the SP55 are its high power and its impeller that has knives which can cut suspended solids like sea weeds, strow, rags, ropes, sediments and various linear fibers. The hydraulic functioning gives a long series of operational and performance advantages which cannot be obtained from traditional self-priming pumps.

ADVANTAGES

- High-efficent piston motor
- Impeller with shearing action to cut weeds, straw, linear fibers and various sediments
- Implicit safety and impossibility of causing electric shocks
- The SP55 can run dry without problems
- Unbeatable power/weight/size ratio
- Durable, robust, reliable and with the possibility of working positioned far away from powering machines; no problems with priming
- The SP55 can be powered by hydraulic power packs and by the hydraulic circuits of excavators, boats, tractors, military and civil protection vehicles

Shearing impeller

TECHNICAL CHARACTERISTICS	
OUTLET MOUTH	5" BSP Female
DIMENSION LxH	50 cm x H 80 cm
WEIGHT	95 Kg

FLOW	5500 L/min. (330 cubic mxh)
WATER HEAD max	29 metres
PUMPABLE SOLIDS DIMENSION	5,5 cm
IMPELLER TYPE	CENTRIFUGAL OPEN IMPELLER WITH KNIVES
IMPELLER MATERIAL	HIGH RESISTANCE STRUCTURAL STEEL
VOLUTE MATERIAL	CAST IRON SPHEROIDAL

HYDRAULIC MOTOR TYPE	PISTON TYPE
OIL FLOW	60-100 L/min.
OIL PRESSURE	150-350 bar
BACK PRESSURE TOLERABLE	17 bar max
QUICK COUPLERS TYPE	3/4 BSP FLUSH FACE