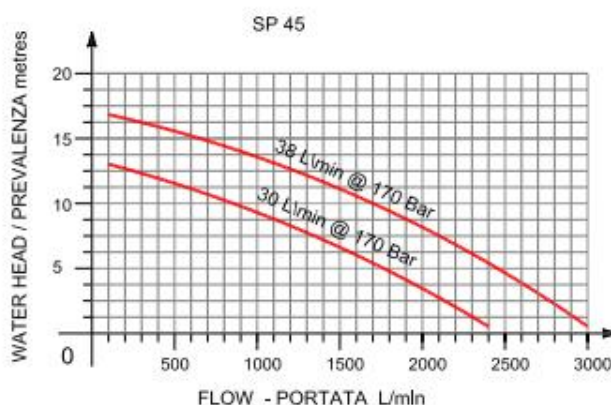
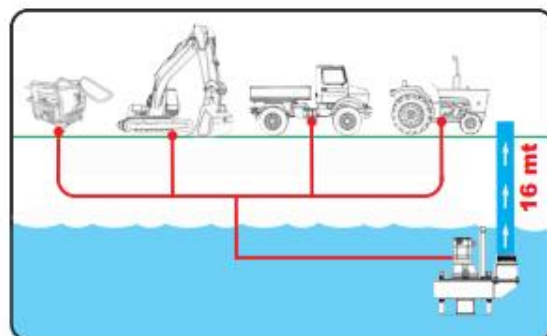


DATASHEET

TRASH WATER PUMP WITH HYDRAULIC MOTOR - 4" SP45

TAON
Hydraulik Komponenter



The SP45 is a professional trash water pump designed for pumping slurries, trash water and thick liquids with a density concentration in the fluid of up to 25% as well as suspended solids with dimensions of up to 7 cm. The SP45 can be powered by power packs or by the hydraulic circuit of excavators, back hoe loaders, trucks, tractors and all machines equipped with a sufficient circuit. The pump body is made of stainless steel with urethane wear plates - materials that assure hardness, resistance to abrasivity, impact and rust. The hydraulic functioning assure intrinsic safety and the impossibility to cause electric shock. The performance is very high with a flow capacity of up to 3000 L/min. and a water head of up to 16 m. The SP45 is ideal for use in large movement of water, in the emergencies after floods, in military works, for sewage treatment facilities and manhole dewatering.

ADVANTAGES

- Unbeatable power/size/weight ratio
- The SP45 can run dry without damage
- Robust construction and minimal maintenance needs
- The SP45 can be powered by small power packs, mini excavators, jeeps, trucks, fire fighting vehicles and rescue vehicles
- Implicit safety thanks to the absence of electricity
- No problems with priming
- The pumping chamber can be opened for a few seconds for inspection and cleaning

DATASHEET

TRASH WATER PUMP WITH HYDRAULIC MOTOR - 4"
SP45



TECHNICAL CHARACTERISTICS

OUTLET MOUTH	4" BSP Female
DIMENSION LxH	40 cm x H 50 cm
WEIGHT	28 Kg

FLOW	3000 L/min. (180 cubic mxh)
WATER HEAD max	16 metres
PUMPABLE SOLIDS DIMENSION	7 cm
IMPELLER TYPE	CENTRIFUGAL OPEN IMPELLER
IMPELLER MATERIAL	CHROMIUM CAST IRON
VOLUTE MATERIAL	STAINLESS STEEL INOX
HYDRAULIC MOTOR TYPE	GEAR TYPE GROUP 2

OIL FLOW	30-45 L/min.
IDEAL FLOW	38 L/min.
OIL PRESSURE	140-210 bar
BACK PRESSURE TOLERABLE	17 bar max
QUICK COUPLERS TYPE	1/2" FLUSH FACE