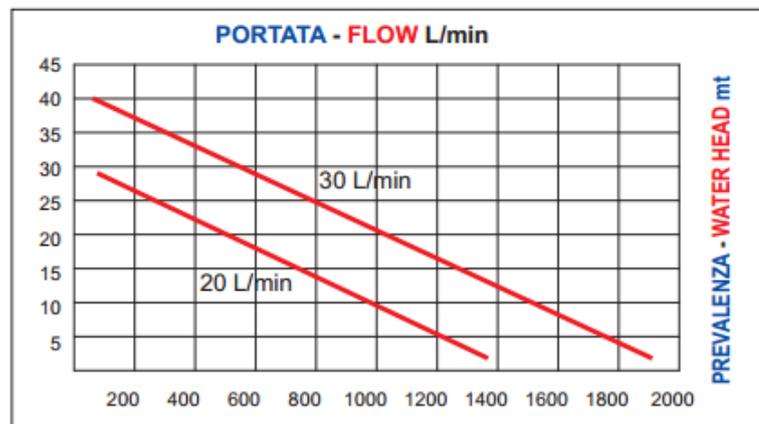
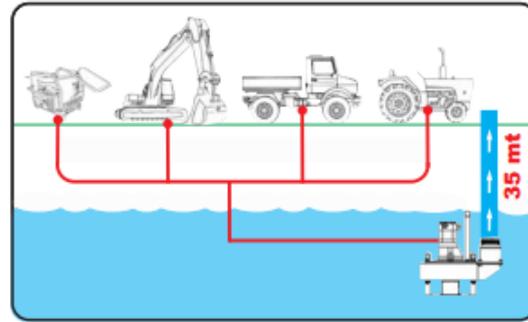


## DATASHEET

SUBMERSIBLE TRASH PUMP WITH HYDRAULIC MOTOR  
SP35

**TAON**  
Hydraulik Komponenter



The SP35 is a modern 3" submersible trash-water pump with impeller and body made of stainless steel. The exclusive monocanal closed impeller and the hydraulic functioning give very high efficiency: flow capacity of up to 1900 L/min., water head of up to 40 mt and the possibility of pumping loaded fluids with suspended solids of up to 5 cm in diameter. The SP35 can pump very abrasive fluids and bentonite. The SP35 is available on request with the hydraulic motor made of cast iron and ATEX Certification for pumping flammable liquids or for use in mines or explosive conditions. The possible applications of the SP35 are many thanks to its versatility and performance. The SP35 can be powered by the hydraulic circuit of power packs, trucks, mini excavators, boats, fire fighting trucks and various working machinery.

### ADVANTAGES

- Exclusive "mono canal" closed impeller and body in stainless steel
- Possibility of ordering the pump in ATEX configuration with cast iron motor (the performance is equal to that of the standard model)
- The SP35 can run dry without problems; no problems with priming
- Very compact with unbeatable weight/power/size ratio
- Possibility of ordering the hydraulic motor with integrated valve against excess of flow/speed
- The pumping chamber can be opened for a few seconds for inspection and cleaning
- Robust, reliable and minimal maintenance needs
- Implicit safety thanks to the impossibility of causing electric shock
- The SP35 can pump very abrasive fluids and bentonite

# DATASHEET

SUBMERSIBLE TRASH PUMP WITH HYDRAULIC MOTOR  
SP35



| TECHNICAL CHARACTERISTICS |                 |
|---------------------------|-----------------|
| OUTLET MOUTH              | 3" BSP Female   |
| DIMENSION LxH             | 35 cm x H 37 cm |
| WEIGHT                    | 17 Kg           |

|                           |                             |
|---------------------------|-----------------------------|
| FLOW                      | 1900 L/min. (114 cubic mxh) |
| WATER HEAD max            | 35 metres                   |
| PUMPABLE SOLIDS DIMENSION | 5 cm                        |
| IMPELLER TYPE             | MONOCANAL CLOSED IMPELLER   |
| IMPELLER MATERIAL         | STAINLESS STEEL INOX        |
| VOLUTE MATERIAL           | STAINLESS STEEL INOX        |
| HYDRAULIC MOTOR TYPE      | GEAR TYPE GROUP 2           |

|                         |              |
|-------------------------|--------------|
| OIL FLOW                | 15-38 L/min. |
| IDEAL FLOW              | 30 L/min.    |
| OIL PRESSURE            | 100-210 bar  |
| BACK PRESSURE TOLERABLE | 17 bar max   |



Monocanal closed impeller