

## Pumping station Aquapump Medium Tronic, STZ 1000, 1800-2250 mm, D



### Article information

Item no.: 827731D  
 GTIN: 4026092052150  
 Price group: 60

### Advantages

- height-adjustable upper section
- Preconfigured in the factory
- LW 600 chamber system suitable for underground installation

### Description

The pumping station with sewage wastewater is suitable for underground installation and is equipped with a non-return flap for the pressure pipe. The PE-LLD tank is resistant to aggressive media and can be delivered with load class A, B or D covers. The pump with macerator ensures maximum operating reliability. The components are pre-assembled for final assembly on site. Including openings for ventilation and cable duct.

#### Variant

|   |                  |
|---|------------------|
| Type of system:                         | Single unit      |
| Passage seal for conduit pipe (DN):     | 100              |
| Access steps:                           | no               |
| Passage seal for ventilation pipe (DN): | 100              |
| Installation:                           | Wet installation |
| Rim width:                              | Control unit     |
| Backwater protection:                   | integrated       |
| Pressure pipe connection:               | horizontal       |
| Sound absorption mat:                   | LW 600           |

#### General characteristics

|                         |  |
|-------------------------|--|
| Standard:               | EN 12050-1                             |
| Type of wastewater:     | for wastewater with and without sewage |
| Installation situation: | underground installation               |
| System type:            | Tronic                                 |

#### Dimensions

|  |         |
|--|---------|
| Net weight:  | 127 kg  |
| Gross weight:  | 139 kg  |
| Groundwater resistant from lower edge of base section: | 2500 mm |

|                      |                |
|----------------------|----------------|
| Diameter:            | 809 mm         |
| Clear width (LW):    | 600 mm         |
| Installation depth:  | 1800 - 2250 mm |
| Width:               | 806 mm         |
| Length:              | 1000 mm        |
| Packaging dimension: | width          |
| Packaging dimension: | height         |
| Packaging dimension: | length         |

|   |         |
|---|---------|
| Tank/drain body                                     |         |
| Pressure pipe connection (DN):                      | 32      |
| Pressure pipe connection (OD):                      | 40 mm   |
| Connection conduit pipe (DN):                       | 100     |
| Venting connection (DN):                            | 100     |
| Distance from centre of outlet pipe to tank bottom: | 1394 mm |
| Distance pipe bottom inlet to tank bottom:          | 400 mm  |
| Distance from centre of inlet pipe to tank bottom:  | 475 mm  |
| Inlet nominal size (DN):                            | 150     |
| Inlet type:   | 1       |
| Clear width of tank (LW):                           | 600 mm  |
| Pumping volume:                                     | 30 l    |

|                   |                   |
|-------------------|-------------------|
| Coverage features |                   |
| Type of cover:    | Round cover plate |
| Load class:       | D 400 (EN 124)    |

|  |                                |
|--|--------------------------------|
| Pumping device                                     |                                |
| Pump control:                                      | STZ 1000                       |
| Number of pumps:                                   | 1                              |
| Weight:  | 10 kg                          |
| Connection type:                                   | Schuko (earthed contact) 2-pin |
| Rated current:                                     | 5,2 A                          |
| Length of mains cable for pump:                    | 10 m                           |
| Self-diagnosis system (SDS):                       | I                              |
| Insulation class:                                  | F                              |
| Protection class control unit:                     | IP 68 (3m)                     |
| Max. temperature (permanent) of conveyed material: | 40 °C                          |
| Max. pumping capacity:                             | 11,5 m³/h                      |
| Max. pumping height:                               | 10 m                           |
| Speed:   | 2800 U/min                     |
| Power P1:  | 1,2 kW                         |
| Power P2:  | 0,69 kW                        |
| Operating mode:                                    | S3 - 50 %                      |
| Type of fuse required (electrical protection):     | C 16 A                         |
| Impeller type:                                     | Macerator                      |

Control

|                                       |                                |
|---------------------------------------|--------------------------------|
| Motor protection switch:              | yes                            |
| Alarm sensor:                         | optical probe                  |
| Level measurement instrument:         | Submersible pressure switch    |
| Type of level measurement:            | pneumatic                      |
| Protection class probe:               | IP 54                          |
| Mains frequency:                      | 50 Hz                          |
| Operating voltage:                    | 230 V                          |
| Connection type:                      | Schuko (earthed contact) 2-pin |
| Potential-free contact:               | yes                            |
| GSM interface:                        | yes                            |
| USB interface:                        | yes                            |
| Log book function:                    | yes                            |
| Multi-line display:                   | yes                            |
| Battery buffering:                    | yes                            |
| Self-diagnosis system (SDS):          | yes                            |
| Max. permissible switching frequency: | Comfort                        |
| Control unit function:                | With alarm message             |
| Warning equipment version:            | acoustic and optical signal    |