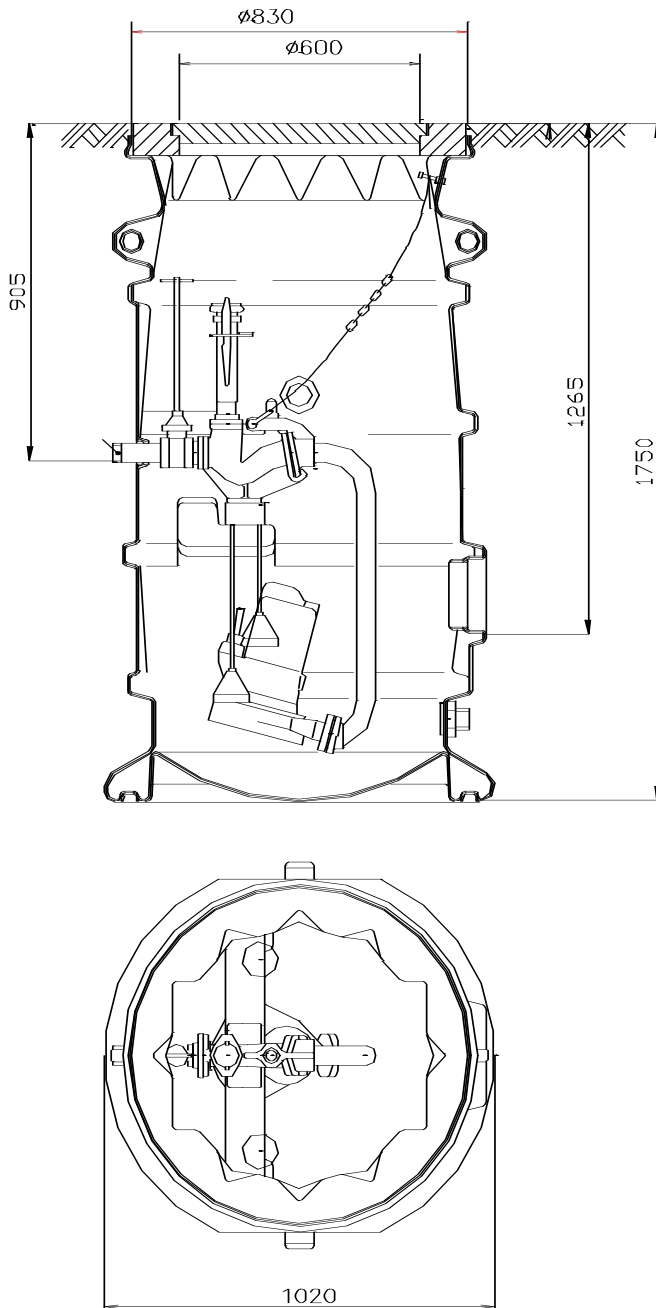


## compact pumping station po-ks 900 - 50 made of PE-HD

### Single pump system



#### Application:

The **po-ks 900-60** pumping chamber is buoyancy-proof and ground water tight. It is used as a conventional effluent collecting pit and connected to standard pressure draining systems.

#### Pumped medium:

- domestic effluent and sewage

#### Description:

- plastic pump chamber with smooth benched collection area to prevent solids build up
- delivery without drain cover
- height 1.750 mm
- branch DN 100 up to DN 150
- discharge branch complied assembled
- quick coupling system over start up water level, 1 1/2" male thread with check valve, valve and chain
- fitting to PE- pressure pipe

#### Selected pump:

- sewage pump
- po-we-32/08/2 M 1 with cutting system
- delivery rate: 4 - 13 m<sup>3</sup>/h
- delivery height: 10 - 1 m
- nominal power: 0.65 kW
- 400 V, 50 Hz, EEx delIB T4

#### Control box:

- Type: po-PS 1 LCD for single pump (mounting inside)
- level regulation of fluid levels, working according to the method of dynamic pressure or air injection
- alarm system
- delayed start-up switching on
- follow-up time

Subject to alterations

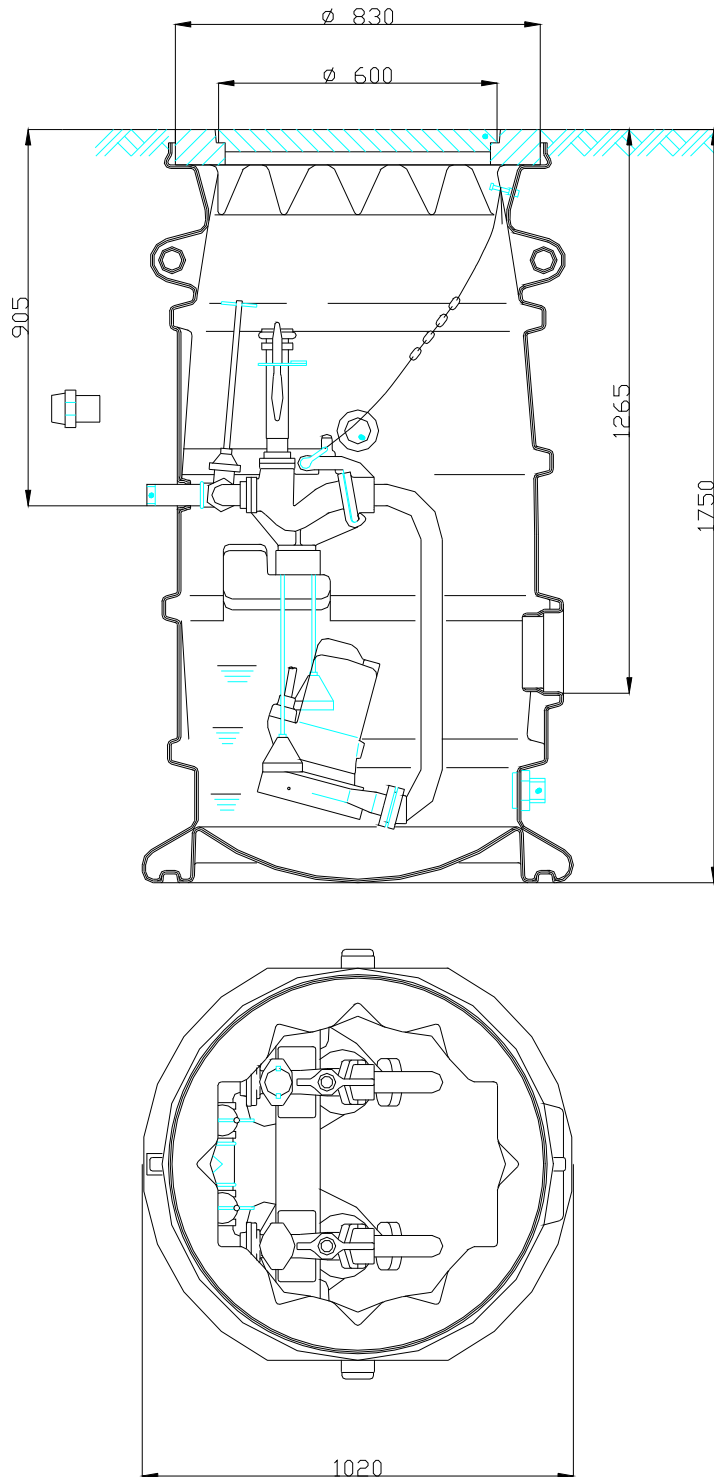
**compact pumping station po-ks 900 - 50 made of PE-HD**
**Single pump system**
**Material list**

description	order-N°
<b>basic configuration</b>	
plastic pump chamber ks 900	RFAZ-PC90/175
crossbeam	RFAZ-PCB90G
quick coupling system over water level 1 ½" male thread	RFAZ-PK50RV
mounting accessory (piping complied) steel, zinc-coated incl.chain	RFAZ-PE90.50/1
lip seal DN150	RFAZ-IS160
lip seal d=63	RFAZ-IS63
pump: type po-we-32/25/2M1	RFA32-9807
control box: po-PS 1 LCD	RFAS-PS1LCD
fitting to PE- pressure pipe	RS00046048
<b>accessories pump system</b>	
arrangement for flushing connection 1", steel, zinc-coated	RFAZ-PS32
arrangement for flushing connection 1", stainless steel	RFAZ-PS32VA
shaft cover class A	SA-A15/625
mounting accessory (piping complied) stainless steel	RFAZ-PE90.50/1VA
<b>basic configuration control box</b>	
switchboard (external using) po-sl 142	*RE00050475
barrel-lock with key	RES001010
heating system	*RE00080053
automatic controller for heating system	*RE00080060
small parts and mounting	
<b>accessories control box</b>	
main switch	*RE00070128
flashbulb	*RE00080102
lighting installation	*RE00009001
operating hours meter	*RE00070535
power outlet combination	*RE00070041
horn	*RE00080058

Subject to alterations

### compact pumping station po-ks 900 - 50/2 made of PE-HD

#### Duplicate pump system



#### Application:

The **po-ks 900-60** pumping chamber is buoyancy-proof and ground water tight. It is used as a conventional effluent collecting pit and connected to standard pressure draining systems.

#### Pumped medium:

- domestic effluent and sewage

#### Description:

- plastic pump chamber with smooth benched collection area to prevent solids build up
- delivery without drain cover
- height 1.750 mm
- branch DN 100 up to DN 150
- discharge branch complied assembled
- quick coupling system over start up water level, 1 1/2" male thread with check valve, valve and chain
- fitting to PE- pressure pipe

#### Selected pump:

- 2 × sewage pump
- po-we-32/08/2 M 1 with cutting system
- delivery rate: 4 - 13 m<sup>3</sup>/h
- delivery height: 10 - 1 m
- nominal power: 0.65 kW
- 400 V, 50 Hz, EEx delIB T4

#### Control box:

- Type: po-PS 1 LCD for single pump (mounting inside)
- level regulation of fluid levels, working according to the method of dynamic pressure or air injection
- alarm system
- delayed start-up switching on
- follow-up time

Subject to alterations

**compact pumping station po-ks 900 - 50/2 made of PE-HD**
**Duplicate pump system**
**Material list**

<b>description</b>	<b>order-N°</b>
<b>basic configuration</b>	
plastic pump chamber ks 900	RFAZ-PC90/175
crossbeam	RFAZ-PCB90G
quick coupling system over water level 1 ½" male thread	2× RFAZ-PK50RV
mounting accessory (piping complied) steel, zinc-coated incl.chain	2× RFAZ-PE90.50/1
lip seal DN150	2× RFAZ-IS160
lip seal d=63	2× RFAZ-IS63
pump: type po-we-32/25/2M1	2× RFA32-9969
control box: po-BD 23 ExM	RFAS-14360
fitting to PE- pressure pipe	RS00046048
<b>accessories pump system</b>	
arrangement for flushing connection 1", steel, zinc-coated	RFAZ-PS32
arrangement for flushing connection 1", stainless steel	RFAZ-PS32VA
shaft cover class A	SA-A15/625
mounting accessory (piping complied) stainless steel	RFAZ-PE90.50/1VA
<b>basic configuration control box</b>	
switchboard (external using) po-sl 142	*RE00050475
barrel-lock with key	RES001010
heating system	*RE00080053
automatic controller for heating system	*RE00080060
small parts and mounting	
<b>accessories control box</b>	
main switch	*RE00070128
flashbulb	*RE00080102
lighting installation	*RE00009001
operating hours meter	*RE00070535
power outlet combination	*RE00070041
horn	*RE00080058

Subject to alterations