PENTAIR JUNG PUMPEN

# SPLITFIX

## GREASE SEPARATOR



- Tank made of polyethylene – long-lasting and corrosion-resistant
- Compact design
- Low weight yet excellent stability
- Free-standing unit, with no earthworks required
- Odour-free disposal, without opening the tank
- Flow direction connection right or left, as required
- Modular accessory concept
- Developed in compliance with DIN EN 1825 and DIN 4040-100
- Available in five different nominal sizes, from NS2 to NS15

### DESCRIPTION

Grease separators are required by law for businesses that produce wastewater that contains grease.

The required nominal size (NS) depends on the number of connected operating units, the type of operation, or the amount of wastewater (peak flow).

DIN EN 1825 and DIN 4040-100 regulate the use of grease separators. Local by-laws concerning wastewater disposal may include additional requirements regarding the configuration of grease separators.

The Splitfix grease separators are available in five sizes, with a choice of flow direction, to the right or left, which must be taken into account in the configuration and dimensioning.

In Germany, the sampling tank is a mandatory consideration during planning. It is available with a horizontal or vertical outlet, as required.

The slim design of the NS2 and NS4 allows easy transport through just about any door, which makes these units suitable for retrofitting in existing buildings.

The Splitfix grease separators are designed to be installed as free-standing units in buildings. This reduces the installation time and the construction and installation costs.

A viewing window with wiper, integrated as standard, makes it possible to check the fill level and avoid overfilling and operational disruptions.

Grease and sludge are disposed of hygienically and odour-free via the discharge pipe. The V-shaped profile of the tank floor allows the entire contents of the tank to be emptied.

The filling system makes it easy to refill the tank with water.

Maintenance access is possible from two sides, which is ideal if installation space is restricted.

The functions and automation of the Splitfix can be expanded with modular accessory sets.

If the outlet lies below backflow level, or there is no backflow protection meeting the requirements of DIN 4040-100, then a lifting station must be installed downstream of the grease separator.

# SPLITFIX
GREASE SEPARATOR

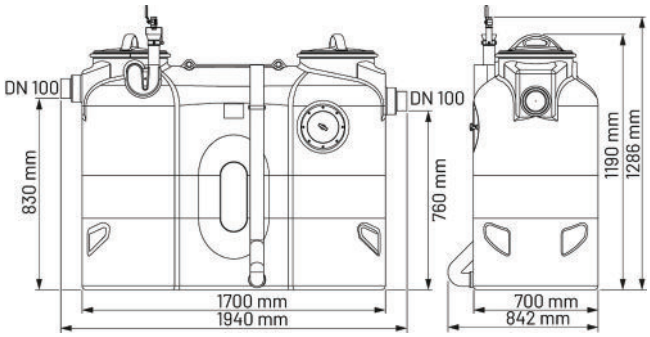
## SCOPE OF SUPPLY

Grease separator tank made of polyethylene (PE) in compliance with DIN EN 1825 and DIN 4040-100, viewing window with wiper, odour-tight maintenance openings with quick-release covers, manual filling system, vacuum discharge connection DN65

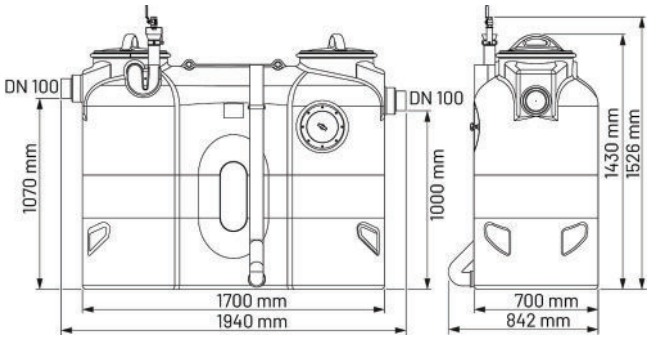
## SPLITFIX

| Type | **Code No.** | Weight | Flow Rate | Volume grease seperation | Grease collector tank | Total Volume | Volume sludge separator |
|---|---|---|---|---|---|---|---|
| Splitfix NS2 - right | **JP51024** | 88 kg | 2 l/s | 450 l | 80 l | 650 l | 200 l |
| Splitfix NS2 - left | **JP51025** | 88 kg | 2 l/s | 450 l | 80 l | 650 l | 200 l |
| Splitfix NS4 - right | **JP51026** | 101 kg | 4 l/s | 450 l | 160 l | 850 l | 400 l |
| Splitfix NS4 - left | **JP51027** | 101 kg | 4 l/s | 450 l | 160 l | 850 l | 400 l |
| Splitfix NS7 - right | **JP51028** | 145 kg | 7 l/s | 960 l | 280 l | 1660 l | 700 l |
| Splitfix NS7 - left | **JP51029** | 145 kg | 7 l/s | 960 l | 280 l | 1660 l | 700 l |
| Splitfix NS10 - right | **JP51030** | 182 kg | 10 l/s | 1076 l | 400 l | 2076 l | 1000 l |
| Splitfix NS10 - left | **JP51031** | 182 kg | 10 l/s | 1076 l | 400 l | 2076 l | 1000 l |
| Splitfix NS15 - right | **JP51032** | 415 kg | 15 l/s | 1800 l | 600 l | 3300 l | 1500 l |
| Splitfix NS15 - left | **JP51033** | 415 kg | 15 l/s | 1800 l | 600 l | 3300 l | 1500 l |

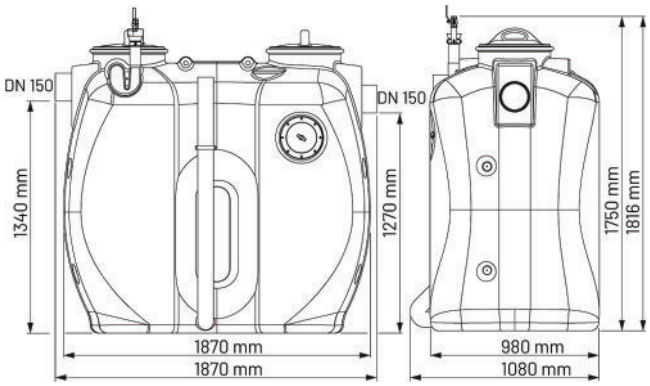
**Dimensions of Splitfix NS2**



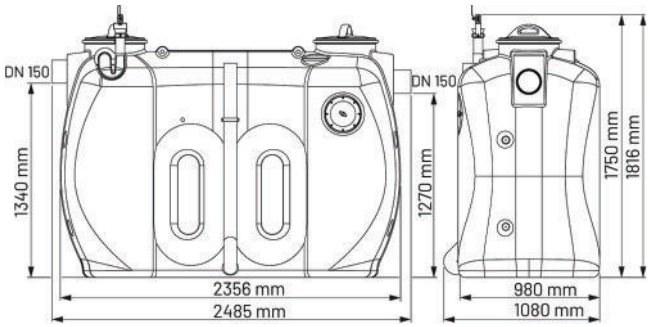

**Dimensions of Splitfix NS4**



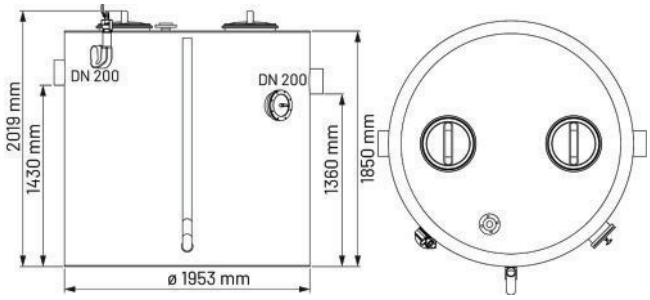

**Dimensions of Splitfix NS7**




**Dimensions of Splitfix NS10**




**Dimensions of Splitfix NS15**




**Example - flow direction right**




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**Example of installed Splitfix with sampling tank**




**Example of installed Splitfix with various accessories**



# SPLITFIX
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## MECHANICAL ACCESSORY

| | | | | Code No. |
|---|---|---|---|---|
|  | **1 Sampling tank** | | | |
| | DN 100 for Splitfix NS2 - NS4 | horizontal | 452x591 (BxH) | **JP51037** |
| | DN 100 for Splitfix NS2 - NS4 | vertical | 452x671 (BxH) | **JP51046** |
| | DN 150 for Splitfix NS7 - NS10 | horizontal | 452x591 (BxH) | **JP51038** |
|  | DN 150 for Splitfix NS7 - NS10 | vertical | 452x691 (BxH) | **JP51047** |
| | DN 200 for Splitfix NS15 | horizontal | 452x591 (BxH) | **JP51039** |
| | DN 200 for Splitfix NS15 | vertical | 452x709 (BxH) | **JP51048** |
| | **2 Accessory sets** | | | |
| | Accessory set A NS2-NS4 | GS control unit<br>GS remote control<br>Automated filling system NS2-NS4 | | **JP51034** |
| | Accessory set B NS2-NS4 | GS control unit<br>GS remote control<br>Filling system NS2-NS4<br>Connection set, pump, NS2-NS4<br>GS pump 25/2 AW1 | | **JP51035** |
| | Accessory set C NS2-NS4 | GS control unit<br>GS remote control<br>Filling system NS2-NS4<br>Connection set, pump, NS2-NS4<br>GS pump 25/2 AW1<br>Mixer, GS | | **JP51036** |
| | Accessory set A NS7-NS15 | GS control unit<br>GS remote control<br>Filling system NS7-NS15 | | **JP51040** |
| | Accessory set B NS7-NS15 | GS control unit<br>GS remote control<br>Filling system NS7-NS15<br>Connection set, pump, NS7-NS15<br>GS pump 25/2 AW1 | | **JP51041** |
| | Accessory set C NS7-NS15 | GS control unit<br>GS remote control<br>Filling system NS7-NS15<br>Connection set, pump, NS7-NS15<br>GS pump 25/2 AW1<br>Mixer, GS | | **JP51042** |
|  | **3 Automated filling system**<br>The automated filling system automatically fills the system up to the operating level again once the tank has been emptied. | | | **Set article** |
|  | **4 Connection set, pump** | | | **Set article** |
|  | **5 Pump 25/2 AW1**<br>In situations where the discharged waste has to travel longer distances, the discharge pump actively pumps out the waste and ensures that the entire contents are discharged. Flanged connection DN 65, PN 6/10 | | | **Set article** |

## MECHANICAL ACCESSORY

| | | Code No. |
|---|---|---|
|  | ⑥ **Mixer**<br><br>The mixer ensures thorough homogenisation before discharge and prevents the formation of grease deposits. | **Set article** |

## ELECTRICAL ACCESSORY

| | | Code No. |
|---|---|---|
|  | ⓐ **Control**<br><br>The control ensure time-controlled and automated operation | **Set article** |
|  | ⓑ **Remote control** | **Set article** |