

# Grease Guardian<sup>®</sup>

## NS Range

*"A first class piece of machinery that is reliable and effective"*



PLAY VIDEO



### CENTRALISED GREASE TRAP EN1825/NS RANGE

EN 1825 fully certified

Robust body constructed in Stainless Steel 304 matt finishing

High efficiency on Grease and Sludge collection

Minimal maintenance required

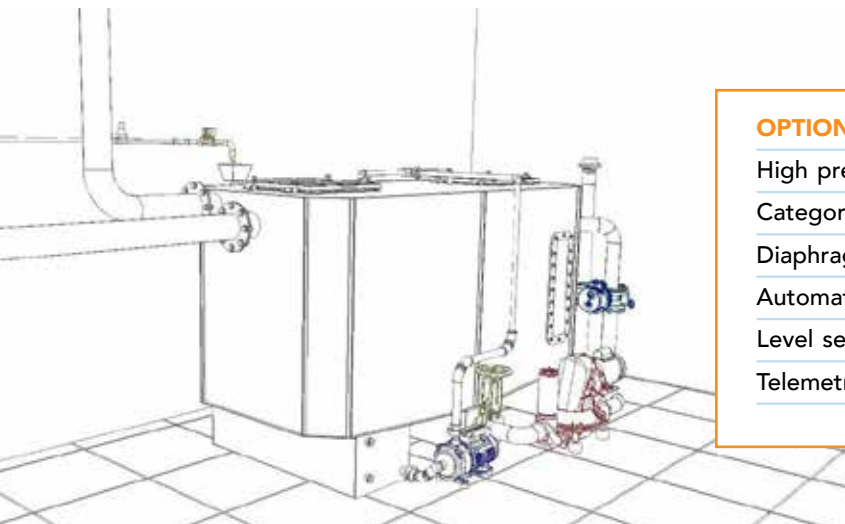
Easy to install and maintain

Suitable from 2 to 30 l/s (with tandem applications)

Airtight enclosure

Full size inspection window

Full customer support



#### OPTIONAL FEATURES

High pressure washing kit with rotating multi jet nozzles

Category 5 washing system with integrated storage tank

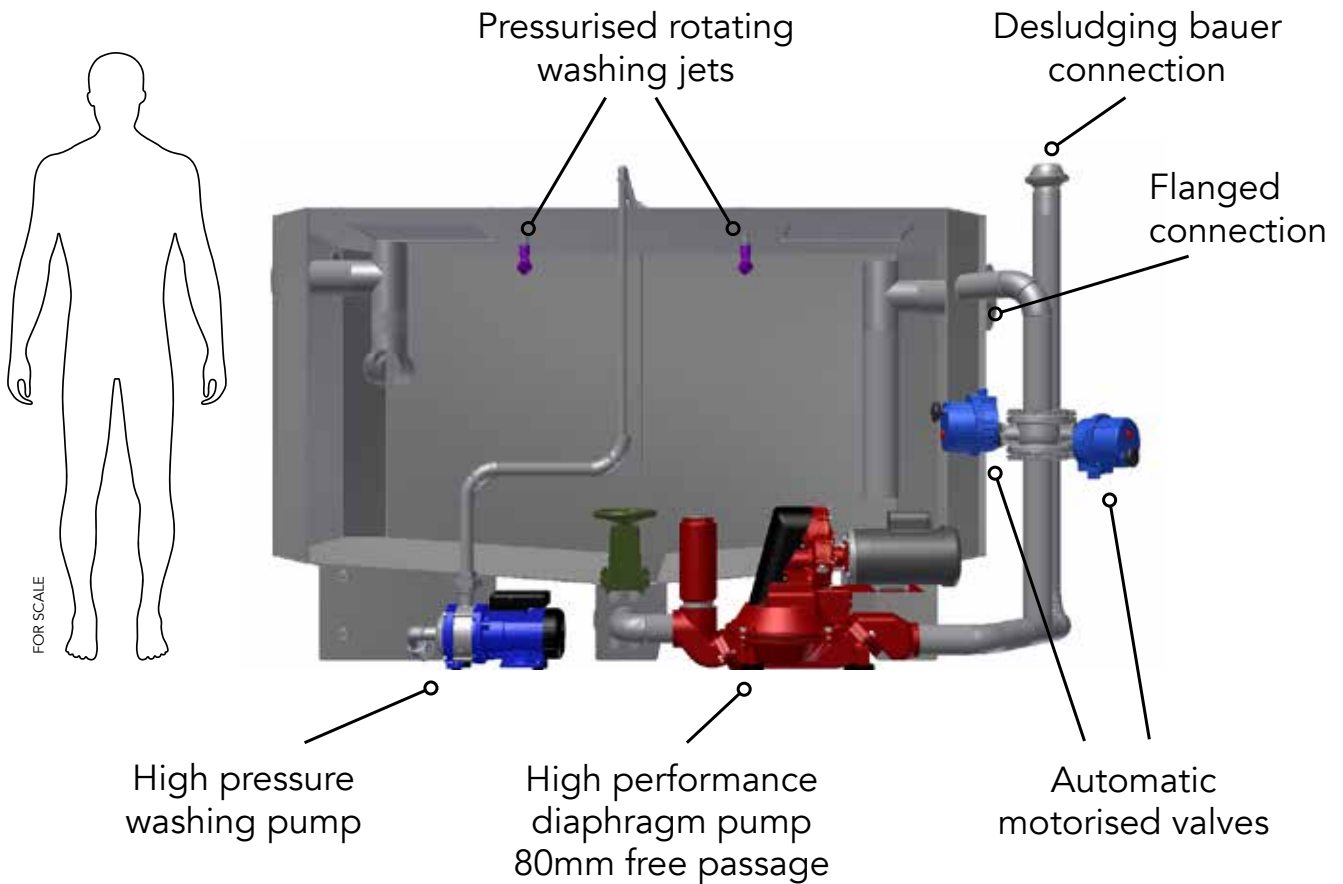
Diaphragm pump for recirculating process and desludging

Automatically controlled motorised valves

Level sensor for high grease level

Telemetry or BMS volt free connection

## GREASE GUARDIAN NS RANGE



### THREE-STAGE OPERATION SYSTEM

#### STAGE 1 GREASE AND SOLIDS SEPARATION

When wastewater enters the tank, sediment and other solid waste fall to the bottom and remain in the sludge compartment. Each tank has enough volume in the separation compartment to allow fats, oils and grease (FOG) to separate. The FOG rises to the surface and is trapped behind a baffle. Only the clean water is allowed to flow down the drain. Basic Model GGNS.

#### STAGE 2 MANUAL EMPTYING

The entire tank should be emptied when the grease storage capacity is reached. This can be checked from the inspection window available on all models as standard as a standard feature. Alternatively, install an optional level sensor (GGNS-L) to indicate each time the unit has reached the maximum capacity.

#### STAGE 3 REFILLING

Every time the unit is emptied, it must be refilled with fresh water in accordance with the EN 1825 standard.

#### Pipe Connection Option (C)

For easier connection to external desludging pipe allowing lid to remain closed during emptying.

#### Washing System Option (W)

For automated internal cleaning and refill. Comes with pipe connection (P).

#### With Diaphragm Pump (PD)

For automated emptying of the grease trap on models NS4 to NS15. Comes with washing system (+W).

#### With Diaphragm Pump (P) and Recirculation of waste (R) Combo & Wash System (W)

Pump and recirculation option for mixing of grease/sludge waste for more efficient pumping. Includes washing system.

#### With Centrifugal Pump (P)

For automated emptying of the grease trap on models NS4 to NS15. For heavy duty or industrial grease/food.

## DIFFERENT CONFIGURATIONS



**GGNS-B**  
**BASIC MODEL**

Available from size: NS2, 4, 6, 10, 15



**GGNS-C**  
**WITH PIPE CONNECTION**

Available from size: NS2, 4, 6, 10, 15



**GGNS-C-W**  
**WITH PIPE CONNECTION & WASHING SYSTEM**

Available from size: NS4, 6, 10, 15



**GGNS-W-PD**  
**WITH WASHING AND DIAPHRAGM PUMP**

Available from size: NS6, 10, 15



**GGNS-W-PD-R**  
**WITH WASHING DIAPHRAGM PUMP AND RECIRCULATION**

Available from size: NS6, 10, 15



**GGNS-P**  
**WITH CENTRIFUGAL PUMP**

Available from size: NS4, 6, 10, 15



**GGNS-W-P**  
**WITH WASHING AND CENTRIFUGAL PUMP**

Available from size: NS4, 6, 10, 15

All dimensions in mm. All drawings in this brochure are guidelines and are subject to change. For full specifications and latest drawings on individual models please refer to [www.greaseguardian.com](http://www.greaseguardian.com) or contact your local supplier.

**For invert levels please contact your local supplier.**

*\*Please refer to full sizing details on page 8*

For specifications and detailed dimensions contact your local distributor or Grease Guardian Head Office

Optional extras available for all models:  
Level Sensor GGNS-L



[www.greaseguardian.com](http://www.greaseguardian.com)



## GREASE GUARDIAN NS RANGE

Model	Configuration	Flow Rate L/S	Meals Day	Capacity	Overall Length	Overall Height	Overall Width	Connection Diameter
<b>NS2-B</b>	Basic	2	200	745	1565	1363	720	114
<b>NS4-B</b>	Basic	4	400	1451	2006	1363	1015	114
<b>NS6-B</b>	Basic	6	600	2185	2565	1367	1100	129
<b>NS10-B</b>	Basic	10	1000	3713	2840	1513	1475	168
<b>NS15-B</b>	Basic	15	1500	5449	2945	1730	1475	219
<b>NS2-C</b>	c/w Pipe	2	200	745	1565	1363	720	114
<b>NS4-C</b>	c/w Pipe	4	400	1451	2006	1363	1015	114
<b>NS6-C</b>	c/w Pipe	6	600	2185	2565	1367	1100	129
<b>NS10-C</b>	c/w Pipe	10	1000	3713	2840	1513	1475	168
<b>NS15-C</b>	c/w Pipe	15	1500	5449	2945	1730	1475	219
<b>NS4-C-W</b>	+Wash System	4	400	1451	2006	1363	1015	114
<b>NS6-C-W</b>	+Wash System	6	600	2185	2565	1367	1100	129
<b>NS10-C-W</b>	+Wash System	10	1000	3713	2840	1513	1475	168
<b>NS15-C-W</b>	+Wash System	15	1500	5449	2945	1730	1475	219
<b>NS6-PD</b>	Diaphragm Pump	6	600	2185	2565	1367	1100	129
<b>NS10-PD</b>	Diaphragm Pump	10	1000	3713	2840	1513	1475	168
<b>NS15-PD</b>	Diaphragm Pump	15	1500	5449	2945	1730	1475	219
<b>NS10-W-PD-R</b>	+Recirculation	10	1000	3713	2840	1513	1475	168
<b>NS15-W-PD-R</b>	+Recirculation	15	1500	5449	2945	1730	1475	219
<b>NS2-PC</b>	Centrifugal Pump	2	200	745	1565	1363	720	114
<b>NS4-PC</b>	Centrifugal Pump	4	400	1451	2006	1363	1015	114
<b>NS6-PC</b>	Centrifugal Pump	6	600	2185	2565	1367	1100	129
<b>NS10-PC</b>	Centrifugal Pump	10	1000	3713	2840	1513	1475	168
<b>NS15-PC</b>	Centrifugal Pump	15	1500	5449	2945	1730	1475	219
<b>NS4-W-PC</b>	CP + Washing	4	400	1451	2006	1363	1015	114
<b>NS6-W-PC</b>	CP + Washing	6	600	2185	2565	1367	1100	129
<b>NS10-W-PC</b>	CP + Washing	10	1000	3713	2840	1513	1475	168
<b>NS15-W-PC</b>	CP + Washing	15	1500	5449	2945	1730	1475	219

**Sludge volume: 100 l x flow**

**Grease retention: 40 l x flow**

All dimensions in mm. Inlet / outlet height from the bottom of the pipe.

All drawings in this brochure are guidelines and are subject to change. Always request the latest drawings from your suppliers.