A new dimension in rainwater management
Our new flagship: Platin XL/XXL
Welcome aboard

- Up to 65,000 litres
- Rotating tank dome to easily align the connecting surfaces
- Available with a second tank dome as an option
- Suitable for HGV loading up to a vehicle weight of 30 t (66138 lbs)*
- Flexible connection up to DN 300 (12”)
- Connection surfaces with prefitted DN 150 (6”) lip seals
- Tank height of just 125 cm (4’ 1”)

*With cover suitable for lorry-bearing in combination with load distribution plate
The Platin XL/XXL modular system

**Tank**

The underground tank Platin is the basis for the modular system.

### Tank

<table>
<thead>
<tr>
<th>Size</th>
<th>Volume</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platin XL 10,000 l</td>
<td>2,650 US gal</td>
<td>390822</td>
</tr>
<tr>
<td>Platin XL 15,000 l</td>
<td>3,925 US gal</td>
<td>390823</td>
</tr>
<tr>
<td>Platin XXL 20,000 l</td>
<td>5,300 US gal</td>
<td>391002</td>
</tr>
<tr>
<td>Platin XXL 30,000 l</td>
<td>7,950 US gal</td>
<td>391004</td>
</tr>
<tr>
<td>Platin XXL 40,000 l</td>
<td>10,600 US gal</td>
<td>391006</td>
</tr>
<tr>
<td>Platin XXL 50,000 l</td>
<td>13,250 US gal</td>
<td>391008</td>
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<td>Platin XXL 60,000 l</td>
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<td>391010</td>
</tr>
<tr>
<td>Platin XXL 70,000 l</td>
<td>18,550 US gal</td>
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<tr>
<td>Platin XXL 80,000 l</td>
<td>21,150 US gal</td>
<td>391014</td>
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<tr>
<td>Platin XXL 90,000 l</td>
<td>23,750 US gal</td>
<td>391016</td>
</tr>
<tr>
<td>Platin XXL 100,000 l</td>
<td>26,350 US gal</td>
<td>391018</td>
</tr>
</tbody>
</table>

**Tank cover**

Would you like to install your tank in the garden or in a driveway? GRAF offers you a wide range of telescopic tank covers from plastic to cast iron.

### Tank cover

- **Mini telescopic dome shaft**
  - Order no. 371010
- **Maxi telescopic dome shaft**
  - Order no. 371011
- **Telescopic dome shaft**
  - Order no. 371020
- **Tank dome Mini**
  - Order no. 371064
- **Tank dome Maxi**
  - Order no. 371065
- **Telescopic dome shaft lorry-bearing**
  - Order no. 371002

**Filter package**

Are you looking for the best value solution or high-quality, self-cleaning filter technology? The GRAF filter package contains all components needed in the tank.

### Filter package

- **Connection DN 100 (4”)**
- **Connection DN 150 (6”)**
- **Telescopic dome shaft lorry-bearing**
- **Tank dome Micro**
  - Order no. 371009
- **Tank dome Plug**
  - Order no. 371066

**Pump package**

From the simple garden pump to the fully automatic drinking water intake technology. The pump package also includes the accessories needed for installation.

### Pump package

- **Pump package garden Jet**
  - Order no. 342014
- **Pump package garden Eco-Plus**
  - Order no. 342016
- **Pump package garden Comfort**
  - Order no. 342011
- **XL/XXL filter package 1**
  - Order no. 342040
- **XL/XXL filter package 2**
  - Order no. 342041
- **XL/XXL filter package 3**
  - Order no. 342042

---

1) Only for use with external filters
2) Only for use with Maxi dome DN 100 (4”)
3) Only for use with Maxi dome DN 150 (6”)

---

*Only for use with external filters*
Platin XL/XXL flat rainwater tank

Suitable for vehicle / lorry-bearing

**Dimensions**

<table>
<thead>
<tr>
<th>Volume</th>
<th>Width W</th>
<th>Length L</th>
<th>Height H</th>
<th>Weight</th>
<th>Order no.</th>
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</thead>
<tbody>
<tr>
<td>10,000 l</td>
<td>2250 mm</td>
<td>4000 mm</td>
<td>1200 mm</td>
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<td>6000 mm</td>
<td>1200 mm</td>
<td>710 kg</td>
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</tr>
<tr>
<td>20,000 l</td>
<td>2250 mm</td>
<td>9000 mm</td>
<td>1200 mm</td>
<td>960 kg</td>
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</tr>
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<td>12000 mm</td>
<td>1200 mm</td>
<td>1195 kg</td>
<td>110825</td>
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<td>30,000 l</td>
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<td>15000 mm</td>
<td>1200 mm</td>
<td>1395 kg</td>
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<td>2250 mm</td>
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<td>1200 mm</td>
<td>2295 kg</td>
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<td>36000 mm</td>
<td>1200 mm</td>
<td>2615 kg</td>
<td>110833</td>
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<tr>
<td>70,000 l</td>
<td>2250 mm</td>
<td>39000 mm</td>
<td>1200 mm</td>
<td>2730 kg</td>
<td>110834</td>
</tr>
</tbody>
</table>

**Technical data**

Max. earth covering
(without groundwater, vehicle loading):
1500 mm (4' 11")

Vehicle loading:
Max. vehicle weight: 3,5 t (7716 lbs) with cast iron cover
Max. axle load: 2,2 t (4850 lbs)

Lorry-bearing:
Max. vehicle weight: 30 t (66138 lbs) with telescopic dome shaft, lorry-bearing in combination with load distribution plate
Max. axle load: 11,5 t (25353 lbs)

Earth covering required for vehicle loading:
750 – 1300 mm (29.5" – 4' 3")

Groundwater stability:
up to tank shoulder (up to 1250 mm (4' 1")

Earth covering required for groundwater stability:
750 – 1500 mm (29.5" – 4' 11")

Connection:
per tank dome Mini DN 100 = 3 x DN 100 (4"
per tank dome Maxi DN 100 = 5 x DN 100 (4"
per tank dome Maxi DN 150 = 5 x DN 150 (6"
Optionally up to DN 300 (12"

* Suitable for vehicle loading with cover suitable for vehicle loading
Suitable for lorry-bearing with cover suitable for lorry-bearing in combination with load distribution plate

Illustration shows 15,000 l flat rainwater tank with telescopic dome shaft cast iron for vehicle (page 5)
Platin XL garden package

- Very convenient to use – pump switches on and off automatically
- Integrated filter technology (100 % water yield)
- Easy installation and convenient water extraction with water hose connection (compatible with standard hose coupling)

Platin garden Comfort package

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>10,000</td>
<td>2,640</td>
<td>150 (6”)</td>
</tr>
<tr>
<td>15,000</td>
<td>3,960</td>
<td>150 (6”)</td>
</tr>
</tbody>
</table>

Scope of supply: Platin XL flat tank, tank cover mini telescopic dome shaft suitable for pedestrian loading, smooth telescopic adjustment from 750 – 950 mm (29.5 – 3’ 1.4”) earth covering, with plastic cover or cast telescopic dome shaft, suitable for vehicle loading, smooth telescopic adjustment from 750 – 1050 mm (29.5 – 3’ 5.3”) earth covering, with plastic cover or cast telescopic dome shaft, suitable for vehicle loading, smooth telescopic adjustment from 750 – 1050 mm (29.5 – 3’ 5.3”) earth covering; Platin XL/XXL filter package consists of: filter basket including internal universal filter 3 XL, calmed inlet digester, overflow siphon, rodent guard, quick assembly sleeve Sparrelo; Garden Comfort technical package consists of: Integra INOX automatic submersible pump, internal and external water socket (prepared for standard hose coupling), floating suction fitting with fine filter and hose, 10 m (32’ 9.4”) pressure hose 25 mm 1”, float switch controlled, only one cover visible on the surface.

Platin garden Jet package (not shown)

- Very convenient to use – pump switches on and off automatically
- Integrated filter technology (100 % water yield)
- Easy installation and convenient water extraction with water hose connection (compatible with standard hose coupling)

Platin garden Jet package

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>10,000</td>
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Scope of supply: Platin XL flat tank, tank cover mini telescopic dome shaft suitable for pedestrian loading, smooth telescopic adjustment from 750 – 950 mm (29.5 – 3’ 1.4”) earth covering, with plastic cover or cast telescopic dome shaft, suitable for vehicle loading, smooth telescopic adjustment from 750 – 1050 mm (29.5 – 3’ 5.3”) earth covering; Platin XL/XXL filter package consists of: filter basket including internal universal filter 3 XL, calmed inlet digester, overflow siphon, rodent guard, quick assembly sleeve Sparrelo; Garden Comfort technical package consists of: Integra INOX automatic submersible pump, internal and external water socket (prepared for standard hose coupling), floating suction fitting with fine filter and hose, 10 m (32’ 9.4”) pressure hose 25 mm 1”, float switch controlled, only one cover visible on the surface.

Platin Eco-Plus package

- Low-cost complete solution
- Patented filter technology
- Switch to drinking water supply in the home when needed
- Float switch controlled
- Only one cover visible on the surface

Platin Professional package (not shown)

- Professional solution with patented filter technology
- Ultra-quiet operation thanks to encapsulated system control unit
- Switch to drinking water supply in the home when needed
- Microprocessor control
- Digital level gauge
- Automatic rinse intervals of feed tank and filter
- Only one cover visible on the surface

Scope of supply: Platin XL flat tank, tank cover mini telescopic dome shaft suitable for pedestrian loading, smooth telescopic adjustment from 750 – 950 mm (29.5 – 3’ 1.4”) earth covering, with plastic cover or cast telescopic dome shaft, suitable for vehicle loading, smooth telescopic adjustment from 750 – 1050 mm (29.5 – 3’ 5.3”) earth covering; Platin XL/XXL filter package consists of: filter basket including internal universal filter 3 XL, calmed inlet digester, overflow siphon, rodent guard, quick assembly sleeve Sparrelo; Eco-Plus technical package consists of: Aqua-Center Basic, floating suction fitting with fine filter and hose, 10 m (32’ 9.4”) pressure hose 25 mm 1”, float switch controlled, only one cover visible on the surface.

Scope of supply: Platin XL flat tank, tank cover mini telescopic dome shaft suitable for pedestrian loading, smooth telescopic adjustment from 750 – 950 mm (29.5 – 3’ 1.4”) earth covering, with plastic cover or cast telescopic dome shaft, suitable for vehicle loading, smooth telescopic adjustment from 750 – 1050 mm (29.5 – 3’ 5.3”) earth covering; Platin XL/XXL filter package consists of: filter basket including internal universal filter 3 XL, calmed inlet digester, overflow siphon, rodent guard, quick assembly sleeve Sparrelo; Professional technical package consists of: Aqua-Center Silentio, floating suction fitting with fine filter and hose, 10 m (32’ 9.4”) pressure hose 25 mm 1”, float switch controlled, only one cover visible on the surface.
### Platin XL/XXL detention cistern

Including detention set

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>10,000</td>
<td>2,640</td>
<td>150 (6”)</td>
</tr>
<tr>
<td>15,000</td>
<td>3,960</td>
<td>150 (6”)</td>
</tr>
<tr>
<td>20,000</td>
<td>5,280</td>
<td>150 (6”)</td>
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<tr>
<td>25,000</td>
<td>6,605</td>
<td>150 (6”)</td>
</tr>
<tr>
<td>30,000</td>
<td>7,920</td>
<td>150 (6”)</td>
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<tr>
<td>35,000</td>
<td>9,245</td>
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<td>45,000</td>
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<td>60,000</td>
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<td>150 (6”)</td>
</tr>
<tr>
<td>65,000</td>
<td>17,170</td>
<td>150 (6”)</td>
</tr>
</tbody>
</table>

Your GRAF contact will provide technical data for the detention tank needed, such as dimensional drawing with height offset between inlet and sewer connection.

**Scope of supply:** Platin XL/XXL flat tank ☀ Retention set: floating choke drain, outlet fittings with emergency overflow, DN 100 (4”) connection
Not included in the scope of supply: ☀ Matching cover (page 5) ☀ Installation of optional Platin XL/XXL detention/retention filter package 2 (accessories below)

### Platin XL/XXL retention cistern

Including retention set, split between retention/used volume as requested by customer

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>10,000</td>
<td>2,640</td>
<td>150 (6”)</td>
</tr>
<tr>
<td>15,000</td>
<td>3,960</td>
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</tr>
<tr>
<td>65,000</td>
<td>17,170</td>
<td>150 (6”)</td>
</tr>
</tbody>
</table>

Your GRAF contact will provide technical data for the retention tank needed, such as dimensional drawing with height offset between inlet and sewer connection.

**Scope of supply:** Platin XL/XXL flat tank ☀ Retention set: floating choke drain, outlet fittings with emergency overflow, DN 100 (4”) connection
Not included in the scope of supply: ☀ Matching cover (page 5) ☀ Installation of optional Platin XL/XXL detention/retention filter package 2 (accessories below) ☀ Garden Comfort technical package (page 5)
**Platin XXL firefighting water tank**

- Suitable for HGV loading up to 30 t (66,138 lbs)*
- Delivery includes all firefighting water accessory parts to DIN 14230
- Complete system fully factory-assembled if required – no on-site assembly
- Dome shaft allows easy access/rescue from tank
- Individual tanks can be enlarged/connected to create large volumes
- Fill with drinking water or rainwater
- Dome shaft allows easy access/rescue from tank
- Individual adjustment to ground level (earth covering/angle of slope)
- Low procurement costs
- Includes telescopic dome shaft suitable for lorry-bearing for customer to provide cover in accordance with DIN 3223

**Scope of supply:**
- Welded-in plastic intake pipe DN 125 (5") with flange, stainless steel strainer and anti-vortex plate, including stainless steel intake pipe extension piece DN 125 (5") with flange, firefighting water intake connection with rod fitting and a fixed coupling in accordance with DIN 14244.
- Stainless steel ventilation chimney DN 100 (4") with hood and insect-proof screen for vertical installation.
- Holder for sign “Firefighting Water Extraction Point” with stainless steel post in accordance with DIN 4066 (B2).
- Access ladder incl. appropriate mounting kit for mounting in tank dome.
- HGV telescopic dome shaft for coverage on site in accordance with DIN 3223

**Platin XXL firefighting water expansion tank**

Including 2 DN 200 (8") connection fittings and telescopic dome shaft suitable for lorry-bearing

**Volume Useful firefighting volume Order no.**

<table>
<thead>
<tr>
<th>Volume</th>
<th>Useful firefighting volume</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>20,000 l</td>
<td>14,000 l (3,608 US gal.)</td>
<td>391400</td>
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<tr>
<td>25,000 l</td>
<td>17,500 l (4,623 US gal.)</td>
<td>391401</td>
</tr>
<tr>
<td>30,000 l</td>
<td>21,000 l (5,547 US gal.)</td>
<td>391402</td>
</tr>
<tr>
<td>35,000 l</td>
<td>24,500 l (6,472 US gal.)</td>
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<td>28,000 l (7,396 US gal.)</td>
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<tr>
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<td>50,000 l</td>
<td>35,000 l (9,246 US gal.)</td>
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<td>60,000 l</td>
<td>42,000 l (11,095 US gal.)</td>
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</tr>
<tr>
<td>65,000 l</td>
<td>45,500 l (12,019 US gal.)</td>
<td>391409</td>
</tr>
</tbody>
</table>

*With cover suitable for lorry-bearing in combination with load distribution plate

*PLEASE CONSIDER LOCAL REGULATIONS*
Pure, clean water is one of our most important resources. GRAF develops, manufactures and markets an extensive range of products for water management. GRAF provides solutions to global challenges, such as protecting watercourses or preventing flooding, with typical German quality.

Active in over 70 countries, with roots in Germany
GRAF products are exported to more than 70 countries around the world. Despite being highly active abroad, GRAF is also continually investing in its headquarters at Teningen. By constructing its raw materials competence centre in Herbolzheim, GRAF is expanding its German roots yet further.

Sustainably manufactured environmental products
GRAF environmental products are 100% recyclable and are designed for as long a life as possible. This ensures that fewer resources are used and the environmental impact is minimised. Right from the stage of developing its products, GRAF attaches great importance to sustainable product design. Through years of intensive research, GRAF has managed to replace 70% of the raw materials used in production with recycled products – without compromising product quality. This also improves the environmental performance of the GRAF product range. Sustainability is also hugely important during the manufacturing process. For example, the waste heat from production is used to heat the production and logistics building.

From pioneer to market leader
GRAF has over 50 years of experience in the development and manufacturing of high-quality plastic products. The company launched its first rainwater barrels in 1974 with the slogan „Rainwater is free” and soon started marketing other rainwater harvesting products too. GRAF’s innovative and user-friendly water management solutions have since made the company a leading system vendor in Europe.

Quality comes first
GRAF uses state-of-the-art production facilities. A high standard of quality in production is an essential starting point for unique products. End-to-end quality assurance and a high level of automation guarantee maximum reliability in production. Because of our high standard of quality, we offer a warranty of up to 15 years on GRAF products.

Partner to the specialist construction material trade
The GRAF brand represents the exclusive specialist trade range from Otto Graf GmbH. It goes without saying that the company works in partnership with the trade to support various target groups, such as gardening/landscaping/construction companies and planners.

Support for the whole process – the GRAF project team
All the companies involved in a construction project need to work together directly and pragmatically - especially on large-scale undertakings. The GRAF project team provides such projects with valuable support, ranging from planning and assistance with official approvals to functional construction site logistics and on-site consultation.

99% supply capacity even during the busy season
GRAF products are exported around the globe. Intelligent logistics and sufficient stock levels ensure first-class availability and fast responses even during the levels of high demand.

Benefits of working with GRAF
● Exclusive specialist trade range
● Clear sales strategy
● Training/support for sales staff in the trade
● Consistent brand management
● Comprehensive assistance with marketing
Rainwater Harvesting Solutions

For more information about our Rainwater Harvesting Solutions, ask for our catalogue.

Prices:
A price list with our export conditions is available on request.

Warranty clause:
The warranty mentioned in this brochure only refers to the tank in question and not to the accessories. Within the warranty period we grant free replacement of the material. Further benefits are excluded. Pre-condition for warranty benefits are proper handling, assembly and installation according to the mounting guidelines.

Over and above the statutory regulation, GRAF is lengthening the warranty period for a number of underground tanks. This relates to proper handling, assembly and installation in accordance with the installation manual, as well as leakproofness, usability and static safety. The prerequisites of this are competent assembly and operation in accordance with the requirements, namely the currently valid installation and operating instructions and the prevailing standards.

N.B. Protect tanks from frost when installed aboveground! In case of groundwater installation, please contact us for further information previous to the purchase!

For all indications of measurements in this brochure we reserve a tolerance of ± 3 %. The useful volume of the tanks may be up to 10 % lower than the tank capacity, according to the connecting option.

Technical modifications and further development of the different products are subject to change. Errors excepted.

For all our offers and conclusions of contract are only valid our General Terms and Conditions of Business dated 01/10/2012 which we will send to you on request.