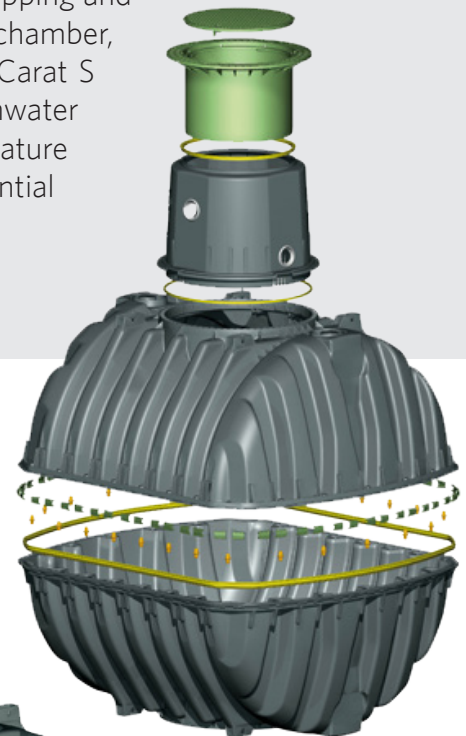


Septic & Sewage Holding Tanks

The Carat S



With high stability and strength, these German-engineered Carat S tanks by GRAF exceed industry standards. You'll love them for their versatility, ease of installation and use, and low shipping and operating costs. Use the Carat S as a septic tank, pump chamber, or wastewater treatment system. These belowground Carat S tanks are also ideal for rainwater harvesting and stormwater retention/detention. The groundwater stable tanks feature long-lasting water-tightness, thanks to a circumferential profile gasket, and they are suitable for vehicle loading.



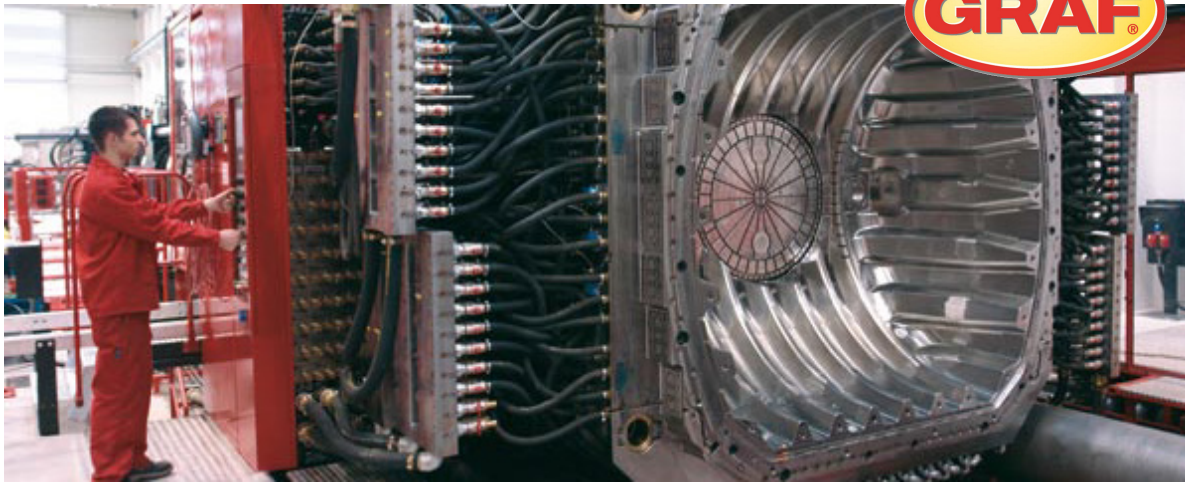
USG	IG	LTR	Part #	Diameter (in)	Length (in)	Height (in)	Lid/Fill Opening (in)	Weight (lbs)
700	583	2700	372024	61	82	55.1	31.5	265
1000	833	3750	372025	69	90	62.6	31.5	331
1250	1041	4800	372026	78	90	71.7	31.5	408
1700	1415.5	6500	372027	86	94	82.7:	31.5	485



The Carat S

Septic & Sewage Holding Tanks

Unique Manufacturing Process



The GRAF Carat S tank range is produced using a method that is as yet unique for tanks of this size. The injection compression process gives the products an incomparable stability – all Carat S underground tanks are suitable for vehicle loading and can be installed in groundwater up to the middle of the tanks. Additionally, the new method guarantees that the components will fit; a result that cannot be achieved with conventional production methods.



Superior Shipments

The Carat S consists of two half shells, which can be stacked one on top of the other for convenient, cost effective shipping, with 5 to 9 tanks per pallet. Thanks to this unique product design, you are able to ship up to 8 times more tank volume per load.

Septic & Sewage Holding Tanks

The Carat S

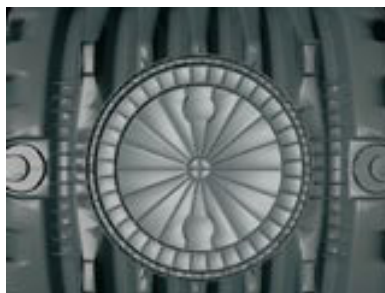
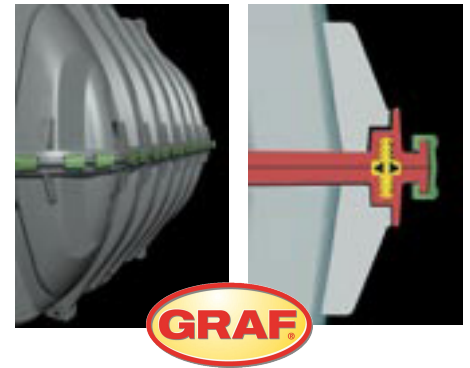


Flush With Ground Level (2 Seals)

The Carat S underground tank has numerous seals to stop dirt & seepage water from getting into the tank effectively. The seals are in the intersection between the tank and the tank dome and between the tank dome and the telescopic dome shaft. All supplied pipes connected to the tank dome are also sealed with five lip seals as standard.

Encircling Stabilization Ring

Thanks to the additional ribbing, the Carat S underground tank suffers no significant warping even under extreme loads. Therefore, the Carat S underground tank is suitable for vehicle loading up to a total weight of 3.5 tonnes, groundwater-stable up to the middle of the tank and can be installed with an earth covering up to 47". Additionally, the encircling H profile acts as a convenient carry handle for transport and as a tread when fitting the tank dome.



Ribbed Tank Base

The tank base of the Carat S underground tank is extremely stable thanks to its numerous ribs. These enable the Carat S to be installed in groundwater up to the middle of the tank. Furthermore, the stable base means the tank is very robust for transportation to site.

Baffles Easily Installed

Separate the Carat S into two or three chambers as desired. Since the tank comes in two half shells, it's easy to insert the baffle while assembling the second half of the tank. A profile seal provides reliable and permanent separation of the chambers so you can use the tank as a housing for an efficient wastewater treatment system. Ask us how.





The Carat S

Septic & Sewage Holding Tanks



Dome Shaft Options

Part #371010

Mini telescopic dome shaft

This riser is adjustable from 29" to 37" earth cover above the tank and can be tilted by 5 degrees. Designed to allow pedestrian loading, it includes a polypropylene cover with a childproof lock. Colour: Grass Green. Length: 14.2", Inner diameter: 23.6", Outer: 30.6", weight: 13 lbs. This well thought out cover for the Carat S underground tank is ideal for garden use.



Part #371011

Maxi telescopic dome shaft

This riser is adjustable from 29" to 41" earth cover above the tank. Designed to allow pedestrian loading, it includes a polypropylene cover with a childproof lock. Colour: Grass Green. Length: 18.7", Inner diameter: 23.6", Outer: 33.5", weight: 29 lbs. It serves as the sturdy cover for the Carat S underground tank, ideal for household use.



Part #371003

Cast iron telescopic dome shaft

For vehicle loading - with class B cast iron cover. Infinitely variable from 31" - 41" earth covering over the tank. Length: 18.7", Inner diameter: 23.6", Outer: 33.5". For use in the home and garden where the tank is flush with the ground.



Part #371011

Extension

Length: 19.7", 27.6". An earth covering of 59" maximum can be implemented when using the extension and the telescopic dome shaft. This extension is ideal for use with the basic Carat S tank with an earth covering of 40".

