



FORBES



PLASTICS TANKS AND
ENVIRONMENTAL TECHNOLOGIES

The Tank in a Tank

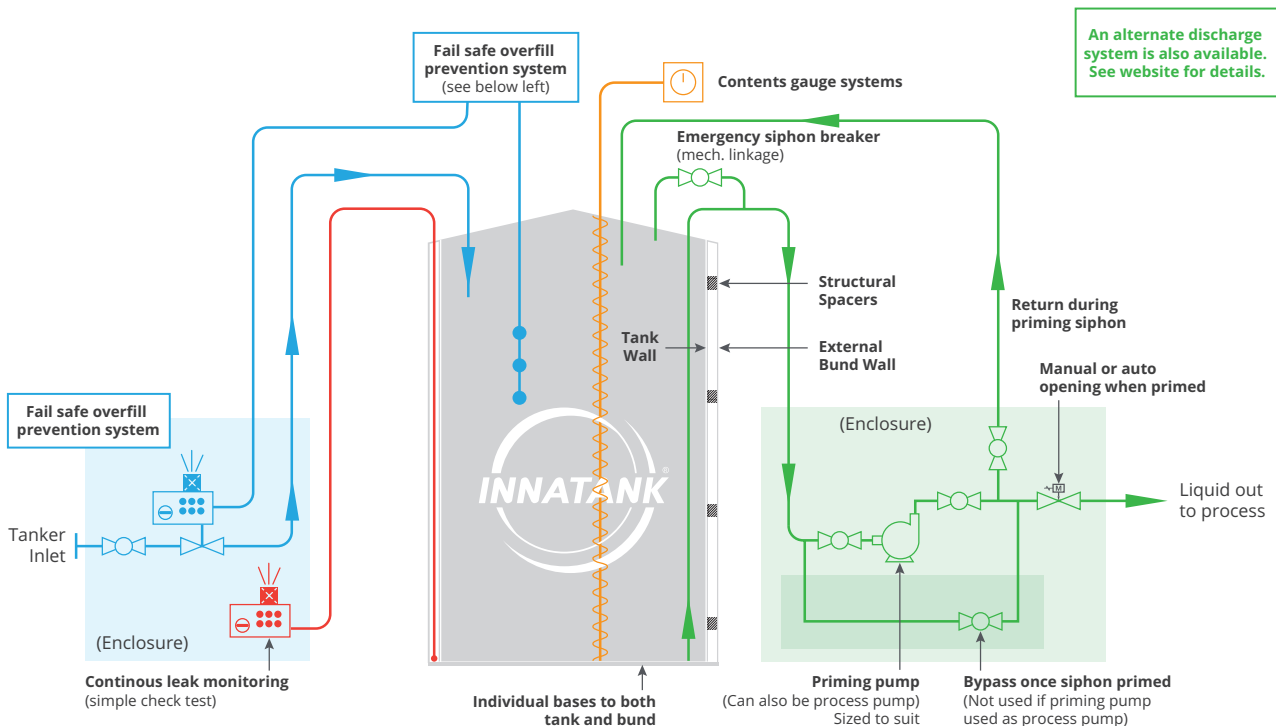
Innatank® Systems Range



Innatank® is the ground-breaking integrally banded storage tank from Forbes. Providing safe storage of hazardous liquids to the very highest levels of environmental protection.

The genuinely innovative design offers exceptional efficiency and uncompromising safety. This 'total containment tank' uses proven technology to combine the chemical storage tank with an integral bund. Capacities of up to 80m³ and complies to DVS2205, EN12573.

- Discharge system
- Fail safe overfill prevention system
- Leak monitoring system
- Contents monitoring system





Unrivalled Safety

Being a **tank in an integral bund** with **over the top discharge**, Innatank® offers an intrinsically safe method of storing and processing hazardous liquids.

Environment and personnel are fully protected against leakage or spills. The leakage prevention system (conforming to BS EN 13616) prevents overfilling. Innatank® conforms to the requirements of the Environmental Agency's document PPG 2.

No connections or breaches in tank or bund walls below liquid level and **continuous leak monitoring**, with local or remote alarms, and **the fail safe overfill prevention system** give complete peace of mind.

Efficient & Economical

The **space-saving design** with its small footprint allows for **greater storage efficiencies and is easy to install**. Large cost saving with **no civil bund required** - no arrangements required to maintain the traditional bund from ingress of rainwater and eliminates the danger of flotation.

Reduced cost of inspection - no maintenance is required other than routine external inspection and checking the built-in monitoring system.

Built to Last

Design life of 25 years alongside **guarantees of up to 10 years** (duty dependent).

Exceptional chemical resistance as with all Forbes products.



Features, Options & Sizes

Standard Features and Options

To assist you in selection of the appropriate configuration of your Innatank™ the following options are available.

Optional features are highlighted in green

Integral Bund

- Overall bundled capacity 110%

Continuous Leak Monitoring Alarm System

- Local alarm
- Remote alarm (via phone if required)

Discharge Systems

- Over the top discharge with priming pump system or air priming discharge system.
- 'Dual containment' pipework
- Lockable cabinet
- Suction dip pipe to allow for sludge removal

Filling System

- Fail safe overflow prevention system not requiring an overflow
- To be filled from tanker by pad air or pumped delivery
- 'Dual containment' pipework
- Lockable cabinet

Contents Gauging System

- Pneumatic – with or without auto pump
- Float & follower (Cat & Mouse)
- Ultrasonic/Radar

Other Standard Features

- Flanged vent with weather cowl
- Roof mounted manhole with bolted cover

Further options to consider

- Access to roof of tank – Ladder and handrail assembly
- Vent duct and gas scrubber for fuming liquids
- Immersion heating

Insulation

- Thanks to its integral bund, Innatank™ is self-insulated by definition. **Insulation is not required.**

Product Sizes

The sizes given below are our most economical suggested dimensions for a given volume. Custom tanks can be built to your specific dimensions.

MODEL	CAPACITY (LITRES)	INSIDE DIA (MM)	WALL HEIGHT (MM)	CONE TOP (MM)
30/16	16000	3000	2900	405
30/18	18000	3000	3150	405
30/20	20000	3000	3450	405
30/25	25000	3000	4150	405
30/30	30000	3000	4900	405
30/35	35000	3000	5550	405
30/40	40000	3000	6260	405
30/45	45000	3000	7000	405
35/20	20000	3500	2680	470
35/25	25000	3500	3200	470
35/30	30000	3500	3720	470
35/35	35000	3500	4240	470
35/40	40000	3500	4750	470
35/45	45000	3500	5280	470
35/50	50000	3500	5800	470
35/60	60000	3500	6900	470
40/20	20000	4000	2200	540
40/25	25000	4000	2600	540
40/30	30000	4000	3000	540
40/35	35000	4000	3400	540
40/40	40000	4000	3800	540
40/45	45000	4000	4200	540
40/50	50000	4000	4600	540
40/65	60000	4000	5400	540
40/70	70000	4000	6200	540
40/80	80000	4000	7000	540