








-  Full WRAS approval as standard
-  Highest quality materials
-  One-piece, two-piece & bespoke Tanks
-  Raised ball valve chamber option
-  Outdoor location possible with all Tanks

INTRODUCTION

- Flow Mech Products range of water storage tanks has been designed and is manufactured to comply with the latest Water Regulations.
- Only materials of the highest quality are used along with highly efficient manufacturing processes.
- All internal surfaces, including the lid, have a smooth isophthalic white gelcoat surface which will not support the growth of microbiological organisms. This gelcoat layer is backed with the main Grp laminate which provides the main structure of the tank body.
- Reinforcement is provided by steel section with fully welded corner joints. The steel ensures that the softening & general deterioration encountered with timber supports is avoided, thus providing full structural reinforcement for the full life of the tank.
- After the CFC free PU foam insulation and steel reinforcement are fitted, the Grp outer skin is then applied. This ensures that both insulation and reinforcement are fully encapsulated and protected from external conditions.

- The whole tank is coated with tack free grey gelcoat layer to ensure our tanks are suitable for all weather conditions and can be located outdoors as standard.

STORAGE RESTRICTIONS?

Where the required storage capacity of the tank prevents the use of a standard size tank, Flow Mech offer the facility to design and manufacture bespoke non-standard configuration tanks.

We can design and manufacture virtually any tank configuration to suit the requirements of the application.

ACCESS PROBLEMS?

Our comprehensive standard range of one-piece tanks ensures that most applications are catered for, but where access is a limiting factor Flow Mech offer the facility to manufacture all tanks as two section units which are then assembled once the restriction has been passed. In a nutshell — a one-piece in two bolt together sections.

These “split tanks” have a horizontal flange joint with multiple bolt fixings. If required, our team of engineers can carry out the on-site assembly of all two-piece tanks.

This range of tanks allows utilization of the more cost effective one-piece type format, where a more expensive sectional tank would traditionally have been supplied.



Examples of two-piece tanks

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Imperial Configuration Tanks

Model Number	Nominal Capacity Gallons	Nominal Capacity Litres	Approximate Actual Capacity	Internal Dimensions (mm) Wide x Deep x High	External Dimensions (mm) Wide x Deep x High	Two-piece Tank External Dimensions each section (mm)	Dry weight
BT 90	20 gallons	90 litres	65 litres	610 x 305 x 510	775 x 475 x 560	775 x 475 x 280	10 kg
BT 160	35 gallons	160 litres	110 litres	760 x 460 x 460	935 x 630 x 500	935 x 630 x 250	13 kg
BT 184	40 gallons	184 litres	147 litres	500 x 460 x 800	600 x 560 x 840	600 x 560 x 410	15 kg
BT 225	50 gallons	225 litres	170 litres	610 x 610 x 610	780 x 780 x 650	780 x 780 x 325	18 kg
BT 340	75 gallons	340 litres	250 litres	915 x 610 x 610	1085 x 785 x 650	1085 x 785 x 325	22 kg
BT 454	100 gallons	454 litres	350 litres	1067 x 610 x 710	1220 x 750 x 750	1220 x 750 x 375	30 kg
BT 570	125 gallons	570 litres	440 litres	990 x 760 x 760	1135 x 900 x 800	1135 x 900 x 400	38 kg
BT 680	150 gallons	680 litres	485 litres	1220 x 915 x 610	1380 x 1075 x 650	1380 x 1075 x 325	40 kg
BT 909	200 gallons	909 litres	740 litres	1168 x 890 x 890	1308 x 1030 x 930	1308 x 1030 x 465	50 kg
BT 1135	250 gallons	1135 litres	840 litres	1524 x 915 x 812	1713 x 1093 x 915	1713 x 1093 x 460	70 kg
BT 1364	300 gallons	1364 litres	1045 litres	1370 x 1092 x 915	1560 x 1282 x 1015	1560 x 1282 x 510	81 kg
BT 1590	350 gallons	1590 litres	1220 litres	1524 x 1143 x 915	1716 x 1326 x 1015	1716 x 1326 x 510	115 kg
BT 1818	400 gallons	1818 litres	1510 litres	1220 x 1220 x 1220	1409 x 1409 x 1320	1409 x 1409 x 660	125 kg
BT 2272	500 gallons	2272 litres	1784 litres	1828 x 1220 x 1016	2025 x 1415 x 1116	2025 x 1415 x 558	150 kg
BT 2726	600 gallons	2726 litres	2239 litres	1828 x 1220 x 1220	2025 x 1415 x 1320	2025 x 1415 x 660	168 kg
BT 3185	700 gallons	3185 litres	2738 litres	2440 x 1220 x 1070	2639 x 1419 x 1170	2639 x 1419 x 660	175 kg
BT 3636	800 gallons	3636 litres	2990 litres	2440 x 1220 x 1220	2639 x 1419 x 1320	2639 x 1419 x 660	220 kg

Metric Configuration Tanks

Model Number	Nominal Capacity Litres	Nominal Capacity Gallons	Approximate Actual Capacity	Internal Dimensions (mm) Wide x Deep x High	External Dimensions (mm) Wide x Deep x High	Two-piece Tank External Dimensions each section (mm)	Dry weight
BT 125	125 litres	27 gallons	90 litres	500 x 500 x 500	670 x 670 x 540	670 x 670 x 270	10 kg
BT 250	250 litres	55 gallons	180 litres	1000 x 500 x 500	1160 x 660 x 540	1160 x 660 x 270	20 kg
BT 500	500 litres	110 gallons	350 litres	1000 x 1000 x 500	1160 x 1160 x 540	1160 x 1160 x 270	28 kg
BT 501	500 litres	110 gallons	375 litres	1000 x 500 x 1000	1160 x 660 x 1040	1160 x 660 x 520	42 kg
BT 601	600 litres	131 gallons	470 litres	1000 x 500 x 1200	1160 x 660 x 1240	1160 x 660 x 610	50 kg
BT 750	750 litres	165 gallons	500 litres	1500 x 1000 x 500	1660 x 1160 x 540	1660 x 1160 x 270	43 kg
BT 751	750 litres	165 gallons	550 litres	1000 x 1000 x 750	1160 x 1160 x 790	1160 x 1160 x 400	49 kg
BT 1000	1000 litres	220 gallons	800 litres	1000 x 1000 x 1000	1160 x 1160 x 1100	1160 x 1160 x 550	54 kg
BT 1220	1220 litres	268 gallons	1000 litres	1000 x 1000 x 1220	1183 x 1183 x 1320	1183 x 1183 x 630	70 kg
BT 1500	1500 litres	330 gallons	1200 litres	1500 x 1000 x 1000	1684 x 1184 x 1100	1684 x 1184 x 550	78 kg
BT 1501	1500 litres	330 gallons	1250 litres	1000 x 1000 x 1500	1184 x 1184 x 1600	1184 x 1184 x 780	120 kg
BT 2000	2000 litres	440 gallons	1650 litres	2000 x 1000 x 1000	2195 x 1195 x 1100	2195 x 1195 x 550	148 kg
BT 2250	2250 litres	495 gallons	2000 litres	1500 x 1000 x 1500	1702 x 1202 x 1600	2682 x 1182 x 550	150 kg
BT 2501	2500 litres	550 gallons	2000 litres	2000 x 1000 x 1250	2195 x 1195 x 1350	2195 x 1195 x 630	180 kg
BT 3000	3000 litres	660 gallons	2400 litres	3000 x 1000 x 1000	3182 x 1182 x 1100	3182 x 1182 x 550	195 kg
BT 3001	3000 litres	660 gallons	2500 litres	2000 x 1000 x 1500	2182 x 1182 x 1600	2182 x 1182 x 780	195 kg
BT 3750	3750 litres	825 gallons	2900 litres	2500 x 1500 x 1000	2682 x 1682 x 1100	2682 x 1682 x 500	210 kg
BT 4000	4000 litres	879 gallons	3000 litres	2000 x 2000 x 1000	2187 x 2187 x 1100	2187 x 2187 x 550	219 kg
BT 4500	4500 litres	990 gallons	3600 litres	2500 x 1500 x 1200	2682 x 1682 x 1300	2682 x 1682 x 650	250 kg
BT 5000	5000 litres	1100 gallons	3900 litres	2500 x 2000 x 1000	2687 x 2187 x 1100	2687 x 2187 x 550	255 kg
BT 5625	5625 litres	1237 gallons	4400 litres	2500 x 1500 x 1500	2682 x 1682 x 1600	2682 x 1682 x 760	300 kg
BT 6000	6000 litres	1320 gallons	4600 litres	3000 x 2000 x 1000	3187 x 2187 x 1100	3187 x 2187 x 550	350 kg
BT 6001	6000 litres	1320 gallons	5000 litres	2000 x 2000 x 1500	2198 x 2198 x 1600	2198 x 2198 x 780	440 kg
BT 7500	7500 litres	1650 gallons	6000 litres	2500 x 2000 x 1500	2702 x 2202 x 1600	2702 x 2202 x 800	380 kg
BT 9000	9000 litres	1980 gallons	7200 litres	3000 x 2000 x 1500	3198 x 2198 x 1600	3198 x 2198 x 800	405 kg

All Tanks are available as 2-section units for restricted access applications and as half height units for application with restricted head room.

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