



Bladder Tank - Horizontal

Our tank proportioning system consists of a bladder tank (IBT) and a tank proportioner (ITP).

The bladder tank is a steel vessel containing a rubber bladder, which in turn holds the foam concentrate. The tank proportioner is directly piped to the bladder tank and installed in the main line.

The proportioner induces foam concentrate into the water stream at an accurate mixing % irrespective of flow and water pressure.

The bladder tank is designed according to PED and CE marked. It is available in volumes up to 25.000 liters. Standard proportioners are available from DN50 to DN250. Wide range proportioners are available from DN150 to DN250. Foam and water connections are available in threaded and flanged DIN and ANSI standards.



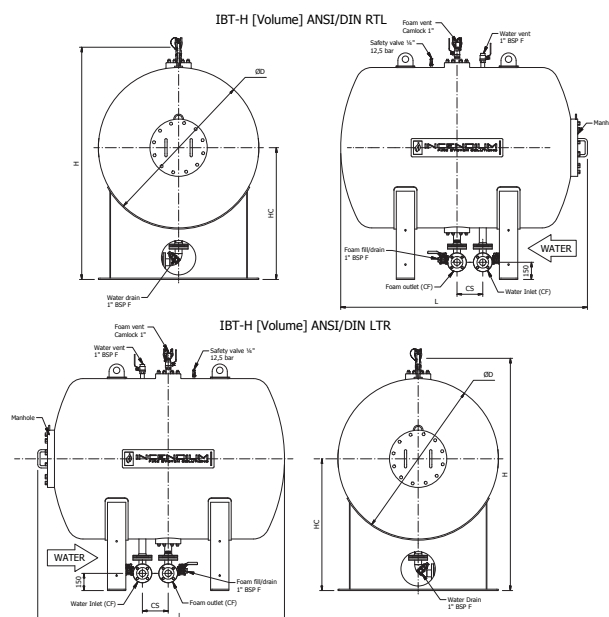
Material:

Pressure Vessel:	Carbon steel
Bladder	Butyl rubber
Internals	Polyvinyl chloride
Surface Treatment	Primer and red epoxy
Standard Valves:	Stainless steel (316)

*Optional butterfly valves to be specified on order

Product Features

- Volumes from 400 to 25.000 liters
- Horizontal and vertical models
- PED, CE marked
- 12,1 bar/175 psi working pressure
- Flanged water/foam connections
- Pre-piped models w proportioner available
- Designed and tested according to EN 13565-1
- Minimum maintenance due to no moving parts
- Optional Butterfly valves for DN50 or DN80 on foam and water ports. Ball valve 1" on smaller tanks



DIMENSIONAL DATA

Model	ØD [mm]	L ± 50	H ± 50	Connection Water / Foam	Weight [kg]
IBT-H 600L	800	1470	1350	DN50 / 2" ANSI	340
IBT-H 800L	800	1820	1350	DN50 / 2" ANSI	400
IBT-H 1000L	1100	1340	1645	DN50 / 2" ANSI	480
IBT-H 1200L	1100	1540	1645	DN50 / 2" ANSI	510
IBT-H 1500L	1100	1840	1645	DN50 / 2" ANSI	590
IBT-H 2000L	1100	2370	1680	DN50 / 2" ANSI	700
IBT-H 2500L	1400	2030	2000	DN50 / 2" ANSI	960
IBT-H 3000L	1400	2370	2000	DN50 / 2" ANSI	1140
IBT-H 3500L	1400	2680	2000	DN50 / 2" ANSI	1250
IBT-H 4000L	1400	3080	2000	DN50 / 2" ANSI	1350
IBT-H 4500L	1400	3380	2000	DN50 / 2" ANSI	1550
IBT-H 5000L	1400	3680	2000	DN50 / 2" ANSI	1620
IBT-H 5500L	1400	4080	2000	DN80 / 3" ANSI	1730
IBT-H 6000L	1400	4390	2000	DN80 / 3" ANSI	1850
IBT-H 6500L	1400	4890	2000	DN80 / 3" ANSI	2000
IBT-H 7000L	1800	3130	2460	DN80 / 3" ANSI	2300
IBT-H 7500L	1800	3330	2460	DN80 / 3" ANSI	2400
IBT-H 8000L	1800	3530	2460	DN80 / 3" ANSI	2480
IBT-H 8500L	1800	3680	2460	DN80 / 3" ANSI	2550
IBT-H 9000L	1800	3880	2460	DN80 / 3" ANSI	2650
IBT-H 9500L	1800	4080	2460	DN80 / 3" ANSI	2900
IBT-H 10000L	1800	4280	2460	DN80 / 3" ANSI	3000
IBT-H 11000L	1800	4630	2460	DN80 / 3" ANSI	3150
IBT-H 12000L	1800	5130	2460	DN80 / 3" ANSI	3400
IBT-H 14000L	1800	5980	2460	DN80 / 3" ANSI	4200
IBT-H 15000L	1800	6700	2460	DN80 / 3" ANSI	4500
IBT-H 17000L	2000	6190	2600	DN80 / 3" ANSI	5100
IBT-H 20000L	2000	7140	2600	DN80 / 3" ANSI	6000
IBT-H 25000L	2000	8740	2600	DN80 / 3" ANSI	7500

Connections for water and foam vents as well as water drain and foam filling valves are 1" BSP Female.

For more specific measurements, please contact us for dimensional prints.