



Hydraulic tanks

The chart below provides a guideline for tank types for systems including thrusters, although this will be reviewed by your VETUS Power Hydraulics support engineer in developing the equipment list for your system. In most circumstances, all other devices will be covered if the tank is big enough for the thrusters.

Tank specifier for thruster systems

Tank type	One thruster				Two thrusters				
	HT1028B	HPTANK	HT1010	HT1010BS	HT1028B	HPTANK	HT1010	HT1010BS	
Tank capacity litre	20	38	70	130	20	38	70	130	
Maximum oil contents litre	18	35	63	117	18	35	63	117	
Approx. weight of oil in kg	17	32	58	107	17	32	58	107	
Dry (empty) weight of tank in kg	24	29*	34	68**	24	29*	34	68**	
Approx weight of full tank in kg	41	61	92	175	41	61	92	175	
Approx height overall including valves and dampers (mm)	430	565*	680	610**	430	565*	680	610**	
Approx length (mm)	470	530	620	730**	470	530	620	730**	
Approx depth overall including valves (mm)	310	430***	480	600**	310	430***	480	600**	
Additional minimum clearance required at top for filling and filter maintenance	250	300	250	350	250	300	250	350	
Thruster type	Single thruster flow rate litre per minute								
BOW55HMD	13	✓	✓	✓	✓	x	✓	✓	✓
BOW95HMD	18	✓	✓	✓	✓	x	✓	✓	✓
BOW160HMD	28	x	✓	✓	✓	x	x	✓	✓
BOW230HMD	40	x	✓	✓	✓	x	x	✓	✓
BOW310HMD	70	x	x	✓	✓	x	x	x	✓
BOWH410	92	x	x	x	✓	x	x	x	✓
BOWH550	92	x	x	x	✓	x	x	x	✓

* No manifold/valve block or valves can be mounted on the top of the HP tank

** This weight or dimension does not include valves, blocks or manifolds, as these are assembled to each customer's order

*** It is possible, with a mounting plate, to install a manifold and valves on the front of the HP tank, but those dimensions are not included here

The weights and dimensions provided in this chart are approximate and will vary with each tank, manifold and valve assembly, but for a successful installation, it is essential that adequate space and support is planned and designed into the engine room for the tank assembly and hydraulic pumps.

Manifold for additional control units

An extension of the basic manifold block. Required if more than five solenoid control devices are installed. Includes additional electrical connection box.



HT1026



Hydraulic oil

We recommend the use of the following hydraulic fluids: VETUS Hydraulic oil HT (HLP ISO-VG46).

Type	Specification
VHT1	1 L ISO VG 46
VHT4	4 L ISO VG 46
VHT20	20 L ISO VG 46



VHT