

FUEL TANKS

normal steel, stainless steel, aluminium



QUALITY, RELIABILITY, SERVICE

QUALITY

SMA prides itself on its specialization and investment in innovation in order to guarantee a high quality finished product.

Attention to customer requirement is apparent throughout our Quality System and is applied at every phase of the design and manufacturing process. We have strict procedures in place for purchasing raw materials.

We adhere to BUREAU VERITAS, TÜV and ASME with regard to special welding processes.

Tanks are manufactured strictly to the European standards and tested 100% for leaks and each is individually guaranteed.

RELIABILITY

SMA has been a manufacturer since 1963 in Italy and in Europe. We have formed extensive partnerships with companies in many fields in order to solve their problems with tanks.

SERVICE

SMA has a large range of fuel tanks available from stock and all the components needed for assembling tanks.

If our standard range does not suit your needs, SMA will design and make the tank to your specification, ensuring high quality both in manufacturing and the finished tank.

SMA deliver throughout Europe; we have local distributors which guarantee an accurate delivery service.



STANDARD TANKS

homologated

Material:

normal steel
stainless steel AISI 304
aluminium alloy 5754-0

Thickness:

from 10/10 to 25/10 mm

Drainage opening with cap M22x1,5

Fuel Ventilated cap

Flange:

F6= 6 hole flange

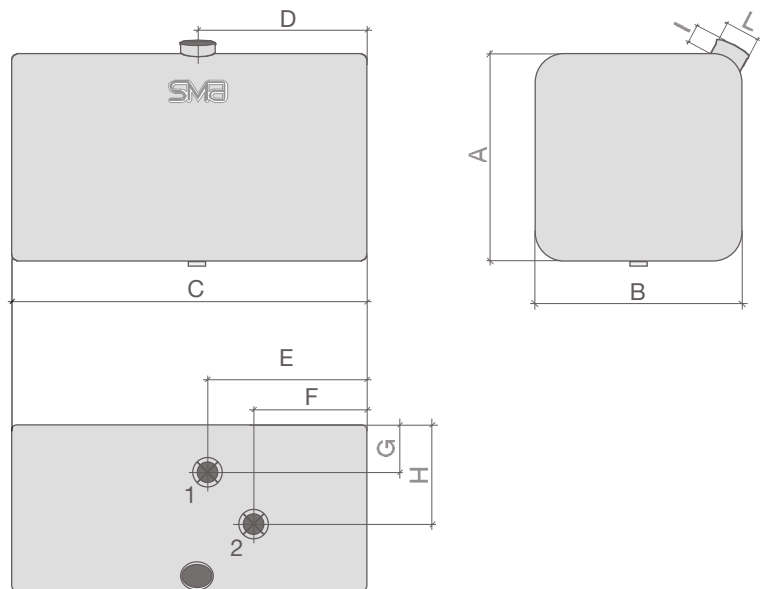
FD= bayonet flange

Filler neck:

80F= threaded filler neck M80x2

80B= bayonet filler neck diam. 80 mm

105= bayonet filler neck diam. 105 mm



All models are manufactured in accordance with European standards.

Capacity (litres)	AxBxC (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L	1	2	Steel code	St. Steel code	Aluminium code
50	240x390x630	315	315	180	195	120	80	80F	F6	F6	1.053	no	no
56	240x360x750	570	420	-	120	-	150	80F	F6	-	1.056	no	no
56	240x360x750	570	590	-	130	-	150	80F	F6	-	1.066	no	no
70	270x410x750	570	590	-	130	-	90	80B	F6	-	1.073	no	no
70	290x360x750	570	590	-	120	-	150	80F	F6	-	1.071	no	no
82	310x380x800	590	475	-	130	-	150	80F	F6	-	1.080	no	no
90	310x450x750	375	375	225	225	140	80	80B	F6	F6	1.091	3.091	no
95	350x460x660	390	260	-	160	-	70	80F	F6	-	1.097	no	no
100	310x450x850	520	450	300	130	130	80	80B	F6	F6	2.102	3.102	no
120	310x450x1000	500	500	500	140	225	80	80B	F6	F6	2.122	3.122	no
120	370x570x700	350	200	350	200	285	80	80F	F6	F6	1.120	no	no
130	310x450x1100	400	575	750	150	225	80	80F	F6	F6	1.130	no	no
135	350x460x920	650	520	-	160	-	75	80F	F6	-	1.135	no	no
140	310x450x1160	830	760	560	150	150	80	80B	F6	F6	1.146	3.141	no
160	310x450x1350	1020	950	750	160	160	80	80B	F6	F6	2.163	3.163	no
160	430x530x850	520	450	300	155	155	80	80B	F6	F6	2.162	3.162	8.162
180	370x570x1000	500	320	500	190	285	80	80F	F6	F6	1.180	no	no
180	430x530x900	450	260	450	150	240	80	80B	F6	F6	2.181	3.181	8.181
200	430x530x1000	500	500	310	150	150	80	80B	F6	F6	2.201	3.201	8.201
200	610x610x650	385	385	245	170	170	35	105	F6	FD	no	no	8.202
200	610x720x520	260	200	200	320	160	35	105	F6	FD	2.204	no	8.204
200	720x610x520	260	200	200	320	150	35	105	F6	FD	2.210	3.210	8.210
240	600x600x740	415	415	215	170	170	35	105	F6	FD	2.240	3.240	no
250	370x570x1350	900	900	460	285	170	80	80F	F6	F6	1.258	no	no
250	430x530x1250	450	740	450	150	240	80	80B	F6	F6	2.251	3.251	8.251
250	480x590x1000	580	580	400	290	200	80	80B	F6	F6	2.252	3.252	no
260	430x650x1000	500	575	425	160	160	55	105	F6	F6	no	no	8.261
300	430x530x1500	450	630	450	180	240	80	80B	F6	F6	2.300	3.300	8.300
300	430x650x1180	1060	695	485	460	460	55	105	F6	F6	no	no	8.311
300	540x600x1080	450	640	450	180	300	35	105	F6	F6	2.301	3.301	no
300	600x600x950	500	500	300	170	170	35	105	F6	FD	2.303	3.303	8.303
300	610x720x740	370	410	220	160	160	35	105	F6	FD	2.309	3.309	8.306
300	720x610x740	370	410	220	160	160	35	105	F6	FD	2.308	3.308	8.308
300	720x720x650	325	430	230	160	160	35	105	F6	FD	2.318	3.318	8.318

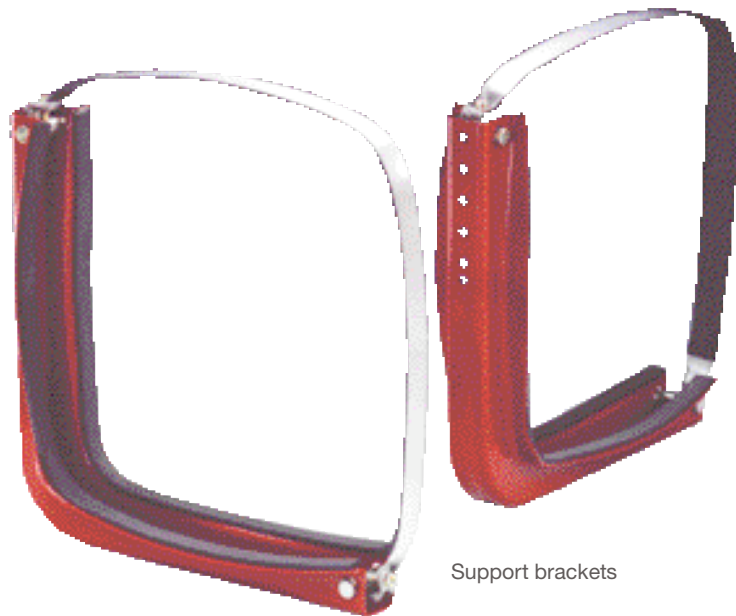
Capacity (litres)	AxBxC (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	L	1	2	Steel code	St. Steel code	Aluminium code
350	500x720x1050	930	630	420	530	530	35	105	F6	FD	no	no	8.353
350	540x600x1250	450	650	450	200	300	35	105	F6	F6	2.351	3.351	no
400	430x650x1570	1450	890	680	460	460	55	105	F6	F6	no	no	8.411
400	600x600x1250	550	550	350	170	170	35	105	F6	FD	2.405	3.405	8.405
400	610x720x1000	500	500	300	160	160	35	105	F6	FD	2.408	3.408	8.406
400	720x610x1000	500	500	300	160	160	35	105	F6	FD	2.403	3.403	8.403
400	720x720x850	425	500	300	160	160	35	105	F6	FD	2.401	3.401	8.401
420	540x600x1500	580	580	380	180	180	35	105	F6	F6	2.440	3.440	no
450	720x610x1100	500	500	300	160	160	35	105	F6	FD	2.450	3.450	no
500	430x650x1950	1830	1080	870	460	460	55	105	F6	F6	no	no	8.511
500	600x600x1500	580	580	380	170	170	35	105	F6	FD	2.500	3.500	8.500
500	610x720x1250	550	550	350	160	160	35	105	F6	FD	2.505	3.505	8.506
500	720x610x1250	550	550	350	160	160	35	105	F6	FD	2.503	3.503	8.503
500	720x720x1050	550	550	350	160	160	35	105	F6	FD	2.501	3.501	8.501
570	720x610x1400	580	580	380	160	160	35	105	F6	FD	2.570	no	8.570
600	500x720x1850	1730	1030	920	530	530	35	105	F6	FD	no	no	8.600
600	600x600x1750	580	580	380	170	170	35	105	F6	FD	2.601	3.601	8.601
600	610x720x1500	550	550	350	160	160	35	105	F6	FD	2.606	3.606	8.606
600	720x610x1500	580	580	380	160	160	35	105	F6	FD	2.603	3.603	8.603
600	720x720x1250	550	550	350	160	160	35	105	F6	FD	2.605	3.605	8.605
700	610x610x1960	700	700	500	170	170	35	105	F6	FD	no	no	8.701
700	610x720x1750	550	550	350	160	160	35	105	F6	FD	2.706	no	8.706
700	720x610x1750	580	580	380	160	160	35	105	F6	FD	2.703	no	8.703
700	720x720x1460	550	550	350	160	160	35	105	F6	FD	2.705	3.705	8.705
750	500x720x2250	2130	1230	1020	530	530	35	105	F6	FD	no	no	8.751
770	720x720x1620	580	580	380	160	160	35	105	F6	FD	2.765	no	8.765
800	610x720x1960	700	700	500	160	160	35	105	F6	FD	2.806	no	8.806
800	720x610x1960	700	700	500	160	160	35	105	F6	FD	2.803	no	8.803
800	720x720x1700	580	580	380	160	160	35	105	F6	FD	2.805	3.805	8.805
930	720x720x1960	700	700	500	160	160	35	105	F6	FD	2.905	3.905	8.905
1000	720x720x2080	790	790	590	190	190	35	105	F6	FD	2.995	no	8.995

SMA can supply:

- support brackets
- suction pipe and level gauges
- lockable caps
- pouring kits with electric pumps

Specific mounting kits for every kind of truck

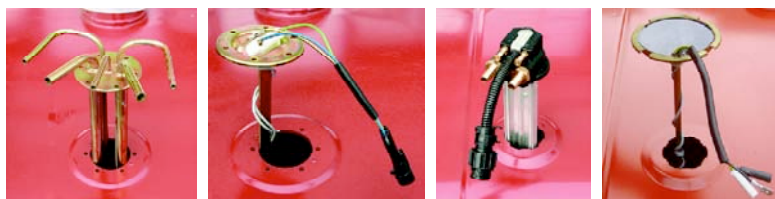
If you want to know the best solution for your truck, please ask for our catalogue or click on www.smaserbatoi.biz



Support brackets



Caps with and without locks



Suction pipe and level gauge on 6 hole flange and on bayonet flange

CUSTOMIZED TANKS



CUSTOMIZED TANKS

If our standard range of fuel tanks does not suit your needs, SMA will design and make the tank to your specification ensuring high quality also for small quantity. SMA can supply tanks in other shapes with thicknesses between 8/10 and 60/10. If you are able to mount a regular shape, SMA suggest following the steps:

1- DECIDE CAPACITY AND DIMENSIONS OF THE TANK

We invite you to choose between the measurement of the SMA standard bottoms detailed below, in particular the suitable ones that meet your requirements about the height and depth of the tank. You can choose length and capacity.

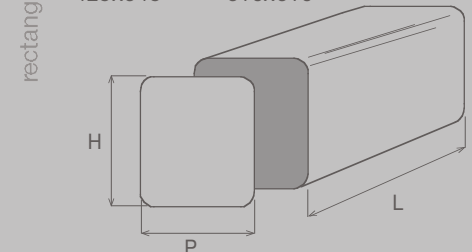
Tank capacity result is obtained by multiplying $H \times P \times L \times 0,9$

STEEL AND STAINLESS STEEL

	AxB	AxB	AxB	AxB	AxB	AxB
rectangular tanks	150x290	240x360	292x362	350x500	400x700	500x570
	170x320	240x390	300x515	350x600	425x455	510x600
	170x395	246x357	300x670	355x455	430x530	515x645
	195x515	250x715	300x700	355x645	430x700	530x650
	198x308	264x894	310x380	370x570	433x558	535x560
	200x270	270x410	310x440	370x670	435x610	540x600
	210x350	280x310	315x455	375x650	450x715	540x620
	220x250	280x420	320x500	380x410	470x480	600x600
	220x650	280x630	320x580	380x540	470x510	610x720
	230x230	286x393	330x946	385x770	470x530	630x690
	234x258	290x475	350x460	400x570	480x590	675x880
					480x650	720x720

STEEL and ALUMINIUM convex ends

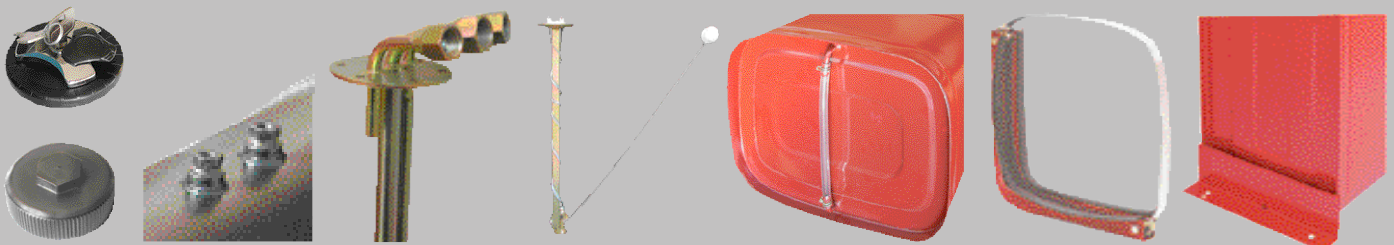
	AxB	AxB	AxB
rectangular tanks	280x525	430x530	610x720
	350x570	500x720	720x720
	425x645	610x610	



H = HEIGHT could be A or B
 P = DEPTH could be B or A
 L = LENGHT measure up to you

2 - INDICATE WHAT COMPONENTS YOU NEED AND WHERE

Please let us know what and how many components you need, for example: cap (for filling fuel) with or without ventilation, with or without lock; socket for sending and returning fuel; suction unit, suction and return pipes; electric or visual level gauge; fixing brackets separated or welded to the tank, other.



3 - SEND US A REQUEST BY WITH A SKETCH

Please ask us to make an offer enclosing the sketch following steps no.1 and 2 and specifying the number of items you are interested in purchasing. If you have any doubts please contact us by phone, fax or e-mail at our commercial office

Further informations available from:

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