

TRANSPORTABLE SOLUTIONS



MEGC 20ft/30ft



battery vehicle/acetylene



MEGC detail



battery vehicle 45ft



swap body detail



MEGC 45ft

TRANSPORTABLE SOLUTIONS

		H ₂ /CNG/He/N ₂	H ₂ /CNG/He/N ₂	H ₂ /CNG/He/N ₂	H ₂ /CNG/He/N ₂	H ₂ /CNG/He/N ₂	H ₂ (500bar)	H ₂ (Type II, 300bar)	H ₂ /CNG/He/N ₂ /CO
		MEGC	MEGC	MEGC	MEGC	MEGC	MEGC	MEGC	swap body
		10ft	20ft	30ft	40ft	45ft	40ft	20ft	20ft
H ₂ capacity	kg	165	371	577	784	887	1.065	312	100 / 141
H ₂ power	kWh	5.841	13.167	20.493	27.819	31.482	36.722	11.377	3.654 / 5.148
CNG capacity ¹	m ³	2.470	5.558	8.647	11.735	13.279	-	-	1.680 ²
CNG capacity ¹	kg	1.852	4.169	6.485	8.801	9.959	-	-	1.428 ²
water volume	l	8.400	18.900	29.400	39.900	45.150	36.400	15.912	7.200
working pressure	bar	250 / 300	250 / 300	250 / 300	250 / 300	250 / 300	500	300	200 / 300
test pressure	bar	375 / 450	375 / 450	375 / 450	375 / 450	375 / 450	750	450	300 / 450
operation temperature	°C	-40°C / +65°C	-40°C / +65°C	-40°C / +65°C	-40°C / +65°C	-40°C / +65°C	-20°C / +65°C	-20°C / +65°C	-40°C / +65°C
container length	mm	2.991	6.058	9.087	12.116	13.720	12.116	6.058	7.450
container width	mm	2.432	2.432	2.432	2.432	2.432	2.550	2.550	2.550
container height	mm	2.743	2.743	2.743	2.743	2.743	2.743	2.250	3.750
cylinders	pcs	24	54	84	114	129	104	104	144
tara weight container approx.	kg	4.160 / 4.688	8.370 / 9.250	12.790 / 14.150	17.110 / 18.950	19.220 / 21.300	28.500	21.000	14.000 / 18.000
sections	pcs	2	4	6	10	10	8	4	12
main connections	pcs	1	2	2	2	2	2	2	2
cylinder approval		ISO 11119-3/EN12245 (-40°C / +65°C)						ISO11119-1 (Type II)	ISO 9809 (-40°C / +65°C)
system approval		ADR 6.8 + CSC (only MEGC) + EN 13807						ADR 6.8	

¹ @15°C/250 bar, based on a density of 0.75kg/Nm³ and compressibility factor 0.85. Given values are theoretical values only, based on 100% transport efficiency. In praxis the transport efficiency is typically lower and depending on several factors like filling procedure and -temperature, residual pressure, fuel composition and several others. Please contact the Wystrach sales department for explanation.

² @15°C/200 bar