



TATSA®
CALIDAD INDUSTRIAL DESDE 1955

CO2 SEMITRAILERS



GENERAL SPECIFICATIONS

Designed according to ASME code, section VIII, Div. 1, last edition and NOM 057 SCT2/2003. In accordance with DOT MC- 331 (if the client needs).

MATERIALS

Heads: SA-517 E or B carbon steel, radiographed.
Shell: SA-517 E or B carbon steel, radiographed.
Reinforcement Plate: SA-517 E or B carbon steel.
Manway: SA-517 E carbon steel.

PROTECTIVE SYSTEM

Abrasive blast cleaning to SSPC-SP10 / NACE 2 / ISO 8501-1 Sa 2 1/2 grade (near white).
Scheme of protection direct to the vessel urethane coating with corrosion inhibitor pigments (micaceous iron oxide).
Scheme of protection structural parts with a high-performance epoxy-polyurethane bi-layer system against corrosion.
White color.

TECHNICAL DATA

INSULATION SYSTEM

Jetting polyurethane with a density of 35 kg /m3 to 5 in. of thickness.
 Ci-vapor barrier mastic, black color.
 Outer Jacket: Pre-painted aluminum sheet White Lime Wash. 18.
 Optional: Stainless steel sheet.

SUPPORTS AND FRAME:

Abrasive blast cleaning (blasting) to a level of near white metal cleaning according to SSPC-SP10 standard to all structures.
 A primer layer and a paint for finishing.
 Color according to customer specifications.

PLUMBING AND FITTINGS

Type level gauge pressure differential.
 Pressure gauge.
 Double system of safety valves.
 Game breakwater.
 Support carrying hoses.
 Fill hoses.
 Flowmeter Sponsler.
 Blackmer Pump 3 "with electric motor.

CAPACITY					DIMENSIONAL INFORMATION					
TYPE	GROSS CAPACITY		NET CAPACITY		OUTSIDE DIAMETER		OVERALL LENGTH		EMPTY WEIGHT	
	GALLONS	LITERS	GALLONS	LITERS	INCHES	MM	INCHES	MM	POUNDS	KG
19 Ton	5,491	20,788	4,942	18,709	70.75	1,797	492 ^{7/16}	12,508	25,574	11,600
24 Ton	6,929	26,228	6,236	23,605	76.50	1,943	508 ^{13/16}	12,924	27,558	12,500
27 Ton	7,815	29,584	7,034	26,626	76.50	1,943	571 ^{1/4}	14,510	36,817	16,700

MAWP = 350 PSI 24.61 Kg/cm²
 MDMT = - 50 °F - 45.55 °C

EQUIPMENT	19 TONS.	24 TONS.	27 TONS.
King Pin Plate	1	1	1
Landing Gear	1	1	1
Spare Tire Doble Rack	1	1	1
Air Suspension	2	2	3
Forward Wheel Fenders	2	2	2
Rear Wheel Fenders	2	2	2
Frame Suspension	1	1	1
Wheels and Tires	8	8	12
Betts Electrical System	1	1	1
Manway Cover	1	1	1
Fire Extinguisher Holder	1	1	1

EQUIPMENT	19 TONS.	24 TONS.	27 TONS.
Mud Flaps	4	4	4
Rear Bumpers	1	1	1
Chcek Block Holder	2	2	2
Cabinet	1	1	1
External Piping Assembly	1	1	1
Sopport Jack	1	1	1
Hose Rack	2	2	2
Filling Hoses	2	2	2
Brake System	1	1	1
Name Plate / Duplicate			