Our Emergency Response Containment Vessel, Model 5503, meets the US DOT requirements for salvage containers, as defined in Title 49 CFR 173.3(d). Additional certification for use in China is available.

SPECIFICATIONS
Can safely accommodate larger diameter low-pressure, welded cylinder used for Sulfur Dioxide, Chlorine and Ammonia, as well as high-pressure seamless cylinders
Overall dimensions: 94 cm wide x 212 cm long x 97 cm high (37” x 84” x 38”)
Empty weight: 500 kg (1100 lbs.)

PRESSURE VESSEL
Designed and fabricated to ASME Pressure Vessel, Section 8, Div 1 specifications
Painted (interior and exterior) SA 106 Grade C carbon steel
Quick opening flange with double O-ring seal (Viton inner and Buna N outer)
Crank handle flange closure
Cylinder side rails
2 stainless steel diaphragm valves for venting and purging
70 bar (1000 psi) stainless steel pressure gauge
Pressure vessel external dimensions: 46 cm diameter x 212 cm long (18” x 83-5/8”)
Usable inside diameter: 50 cm (15-3/4”)
Internal volume: 293 liters (77.5 US gallons)
Working pressure: 43.6 bar @ up to 54ºC (640 psig @ up to 130ºF)

CART
Normally-on disk brakes
Foam filled tires
2 fixed and 2 steerable casters
Tow hook
Two forklift channels
Two lifting lugs

PART NUMBERS
140493 EQ_Vessel_Containment_ER_5503
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