Securina
DETECTION SYSTEM

Explosion Containment Vessel
Model:FBQ-3.0

Explosion Containment Vessel gives a safe way for dispose explosives in urgent situation. It prevents the horizontal diffusion of shock waves and debris, when blasting. In this way, this device protects people and wealth surrounding.

◆ Technical specification:

- ✧ Material: Carbon steel, Thickness 36mm;
- ✧ Composed by tank body, tank lid, trawl, mechanical facility for operate lid, foundation, Jacking parts, Venting components，Wheels and etc;
- ✧ Manually open/close the cover via external devices; the month of ball tank is vertically upward;
- ✧ Cover opened from inside; The orientation of the spherical tank mouth is at a 90-degree angle to the horizontal.
- ✧ Bottom base size: 800mm * 900mm * 90mm (Wide*Deep*Height) with 4 rollers
  Whole device Outer size: 900mm * 980mm * 880mm (Wide*Deep*Height, when cover open)
  Inner size of vessel: 750mm * 650mm   (Wide*Deep, when cover closed)
- ✧ Mouth diameter: 550mm , Cover diameter : 590mm .
  Max open diameter: 330mm
- ✧ Venting holes Diameter: 5mm (on the cover and body of vessel) ;
- ✧ There are two pressure relief holes with a diameter of 5m on the spherical cover, and multiple pressure relief holes are scattered around the sphere;
- ✧ Bottom of tank is made of 12mm think steel, its edges made of 3mm steel, and there are 4 wheels at the bottom;
- ✧ Net weight of the ball tank is 660kg

◆ Standard: << GA 872-2010 Explosive Disposal Ball Tank >>

- ✧ Tested by: China Ministry of Public Security Special Police Equipment Quality Supervision and Inspection Center
- ✧ Tested result: Put 3.0kg net TNT (density 1.55g/cm3 -1.58g/cm3), in tank on the net, ignite it with No. 8 detonator, after explosion no splash objects, no penetrated hole and crack, no burn inside, transmission mechanism normally.