



APPLICATION YM-IV

YM-IV is an anti-personnel jumping mine with a cylindrical cast-iron case and removable fuze mounted on the top. The removable fuze will be activated by pressure force about (7-15) kg and traction force about (4-8) kg. When the fuze is activated, the detonator fires the propelling charge and the mine body is projected about 50 cm into the air.

The inner traction fuze fixed to the bottom of body fires the detonator and the booster. When the body is exploded, the metal fragments are scattered in all directions.

APPLICATION YM-IV-F

YM-IV-F is an anti-personnel jumping flare mine with a cylindrical cast-iron case and removable fuze mounted on the top. The removable fuze will be activated by pressure when enemy touches the trip wire. When the fuze is activated, the detonator fires the propelling charge and the mine body is jumped about 70-100 m into the air. The activated flare will light up the field in about 100m diameter and descend by a parachute on the ground. This mine is designed to extend the vision field and alert more efficiently about protected area or mine field.



YM-IV



YM-IV-F

TECHNICAL SPECIFICATIONS		
Type	Jumping mine (YM-IV)	Jumping flare mine (YM-IV-F)
Safe Radius (m)	120	-
Effective Radius (m)	50	-
Dimensions	Diameter 92 mm × Height 220 mm	Diameter 92 mm × Height 220 mm
Weight (kg)	2.85	1.5
Body Material	Cast iron	Cast iron and Plastic
Explosive Type	TNT	-
Fragment Number	1200	-
Operating Force	Pressure (7-15 kg) Traction (4-8 kg)	-
Starting date of mass production	2012	2014
Lighting Times	-	20
Rebound Height (m)	-	70-100