



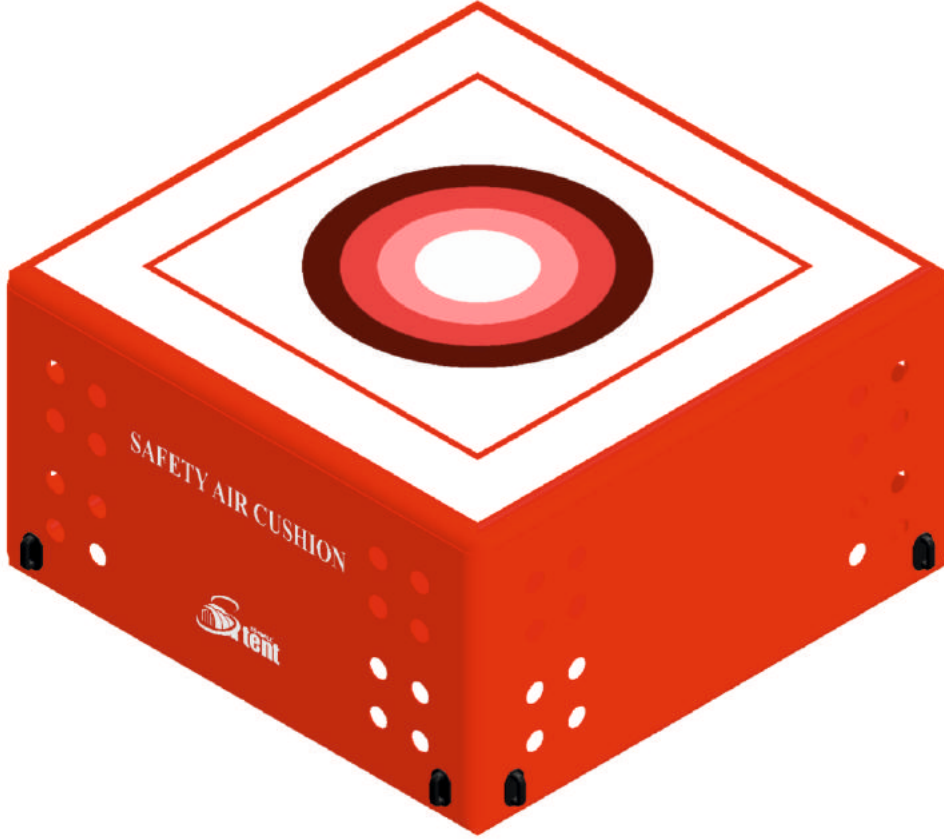
# SAFETY AIR CUSHION



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OPERATING MANUAL

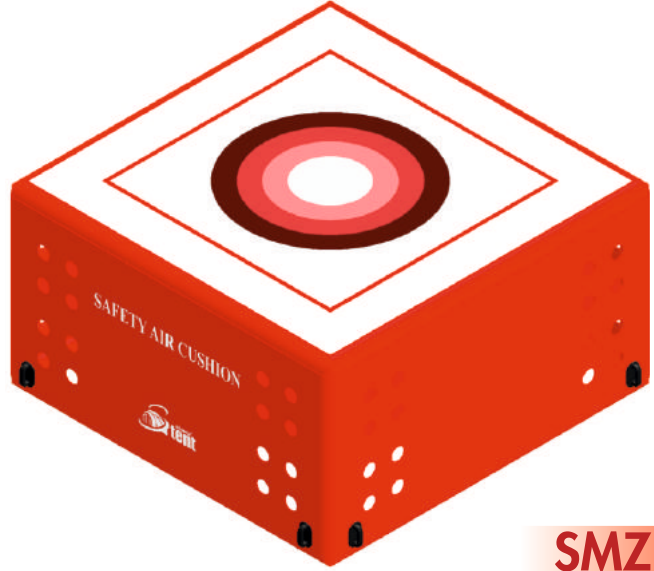
# OPERATING MANUAL



# SMZ16

# CONTENTS

**SAFETY AIR CUSHION**



**SMZ16**

## 1.Instructions

## 2.Description of Safety Air Cushion

### 2.1 General

### 2.2 Specifications

## 3.Handling

### 3.1 Installation

### 3.2 Un-Installation

## 4.Maintenance and Storage

### 4.1 After use

### 4.2 Annual Check

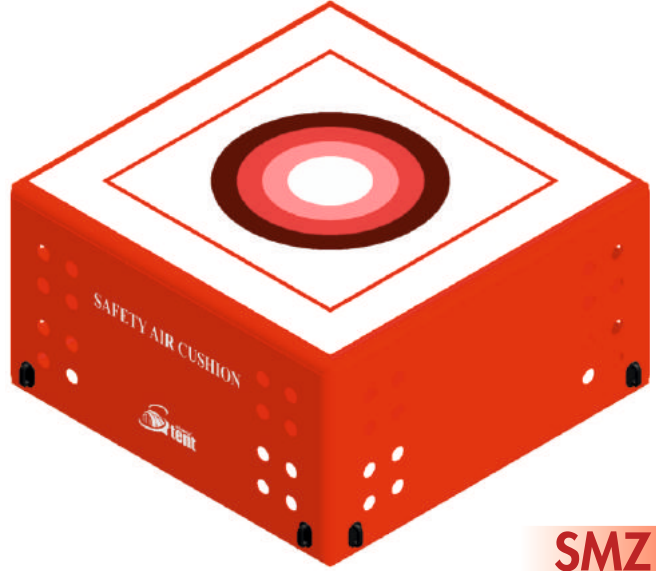
### 4.3 Cleaning

### 4.4 Documentation

### 4.5 Storage

# INSTRUCTIONS

SAFETY AIR CUSHION



**SMZ16**

## 1. Instructions

Read the instructions carefully before using this equipment.

This equipment by jumping into from high rise buildings in emergency.

Use it only after inflate perfectly.

When you install this equipment , Please remove any keen things.

One jump one person only.

## 2. Description of Safety Air Cushion

### 2.1 General

This equipment is the fire escape device by jumping into the cushion from high rise buildings in emergency.

Dam-proof, anti-acid, great resistance in tearing and abrasion, provides them with highest safety level of the products.

This equipment is quickly inflated with only a small amount of air.

This can be huge and protect escapers safely.

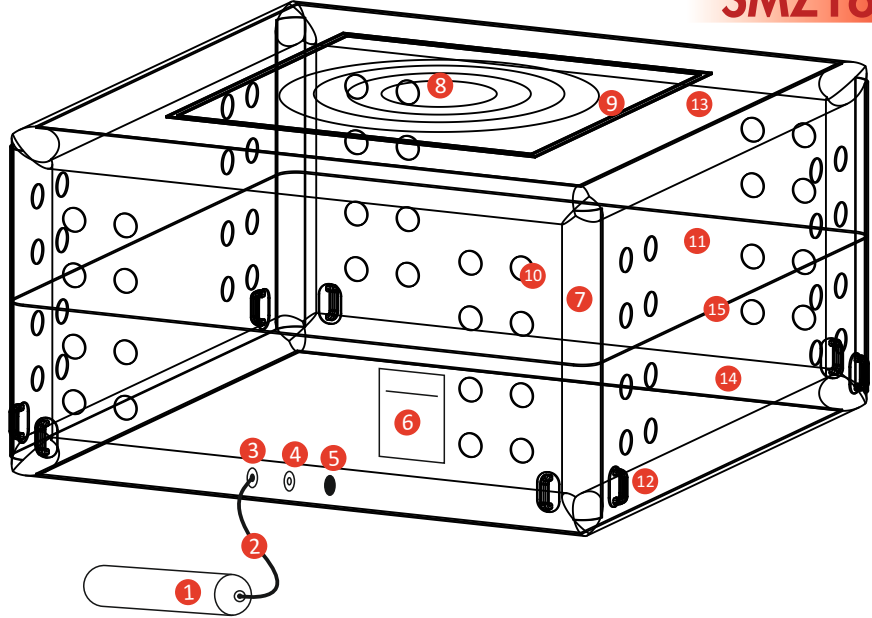
When a falling rescuee is hitting the drop point of the cushion, the construction will deform and the pressed air in the octagon is escaping through the relief holes, this is the way to absorb sudden shocks.

After one escaper has been out from this equipment, this equipment will automatically erect itself and can be used again for rescuing persons.

# SPECIFICATIONS

**SAFETY AIR CUSHION**

**SMZ16**



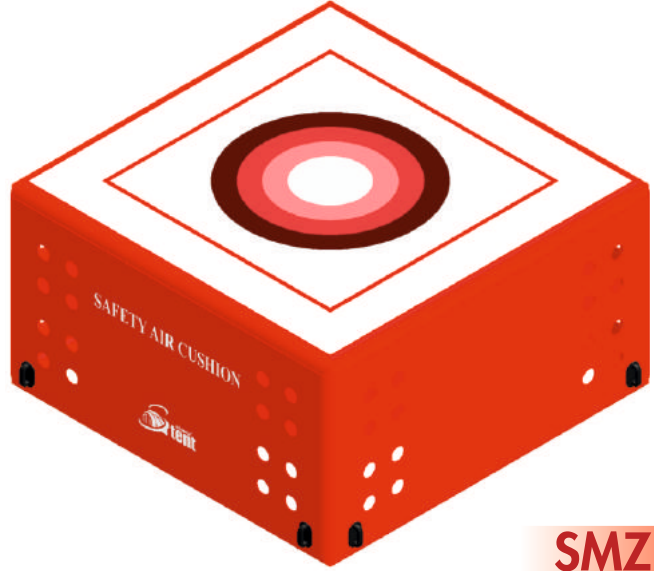
## 2.1 Specifications

- Person(s) needed to operation  $\geq 2$
- Dimensions (after installation) 3.5X 3.5 X 1.7 (m)
- Ground Required  $\geq 4.0 \times 4.0$  (m)
- Weight (include Fans) 66 Kg
- Operating Pressure 0.3 bar
- Install time  $\leq 30$  sec.
- Recovery time  $\leq 10$  sec.
- Max. height for use  $\leq 16$  m

- 1 BA Cylinders.
- 2 Connectors.
- 3 Injection Valves.
- 4 Relief Valves.
- 5 Pressure Release Valve.
- 6 Safety Instructions & Repair Kit.
- 7 Inflatable Frame.
- 8 Drop Point.
- 9 Reflect Band.
- 10 Relief Holes.
- 11 Top Chamber.
- 12 Moving Handles.
- 13 Rescue Surface.
- 14 Bottom Chamber.
- 15 Inner Middle Surface.

# HANDLING

SAFETY AIR CUSHION



SMZ16

## 3.Handling

### 3.1 Installation

- 1) Check the power and 2 cylinder tubes.
- 2) Carry this equipment to the area where you want to install.  
the area need at least 4.0m X 4.0m for installation.
- 3) Unfold the equipment in the place.
- 4) Connect the cylinder tubes to the air injection ducts of this equipment.
- 5) Turn on the valve of cylinder tubes.
- 6) This equipment will install itself and fully erect.
- 7) After the equipment fully erect, then ready for use and can be moved to where it needed.

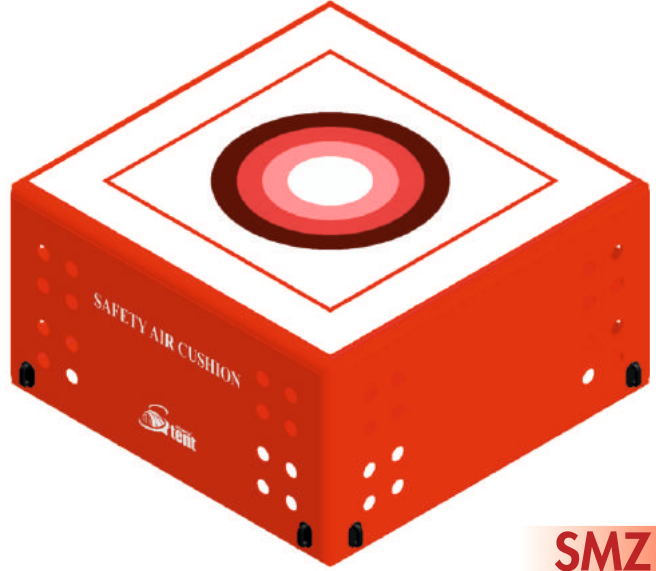
### 3.2 Un-installation

- 1) After rescue, turn off the relief valves of the air cushions.
- 2) After airs are deflated, fold it according to folding method.
- 3) Carry the equipment away to clean area.
- 4) Re-fold the equipment as before unfold.



# MAINTENANCE STORAGE

SAFETY AIR CUSHION



**SMZ16**

## 4. Maintenance and Storage

### 4.1 After Use

- 1) When This equipment not been used, unpacking this equipment and clean and dry it.
- 2) The Cylinder must be filled immediately for next time.
- 3) Check it carefully, if this equipment is no tore or no burned.

### 4.2 Annual Check

This equipment should be checked by an authorized institute and this is to be noted in the inspection report.

### 4.3 Cleaning

To clean this equipment only warm water (Max.40°C) can be used with a regular detergent. before packing this equipment should be fully dried.

### 4.4 Documentation

Every training, check, repair and every use should be documented in the documentation report. Annual inspections, rep airs and inspection after a rescue jump should be separately documented in the inspection report.

### 4.5 Storage

Always keep in dry place for re-using.



**CHOOSE  
THE EXPERIENCE**

**SAFETY AIR CUSHION**



**Quick Setup** (Time saving),  
**Custom design** (color and size options),  
**Service competency** (24/7 service service in Turkey),  
**Experience** (expert team),  
**Domestic Production**,

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