

AHCON SAFETY CAGES

SUPPLEMENT TO USER MANUAL

- Installation Guidelines

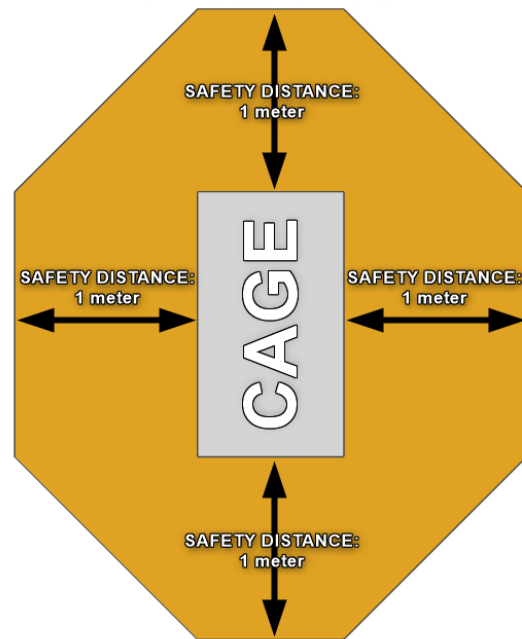
When installing an AHCON Safety Cage:

- **Secure the cage to the floor** with the supplied **concrete screws**.
 - Proper anchoring ensures the cage stays in place in case of a violent tire explosion.
- **Maintain correct safety distances:**
 - Keep **1 meter clearance to all sides** from walls, machinery, or other permanent structures.
 - The **yellow zone** in the figure shows this area.

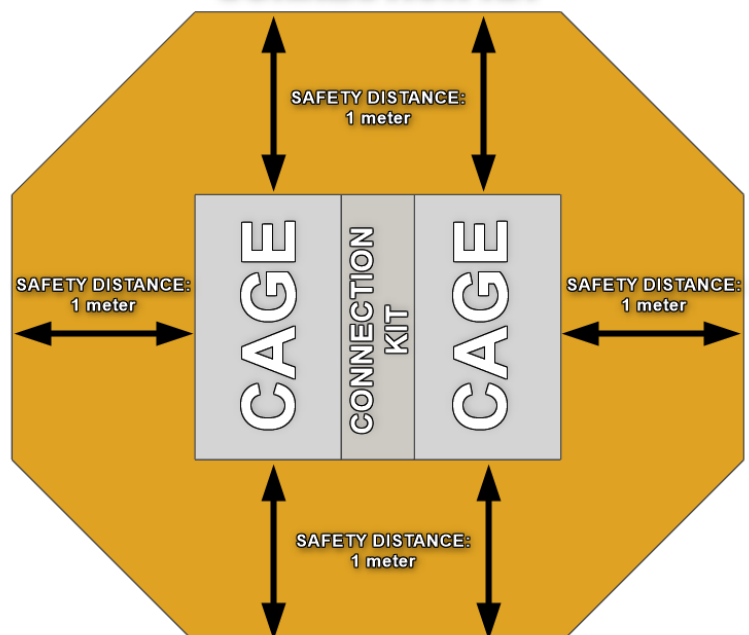
No walls or fixed equipment are allowed within the yellow zone, as **pressure waves** from a tire explosion can reflect, increasing damage and **safety risks** to personnel.

INSTALLATION DISTANCES TO WALLS AND OTHER PERMANENT EQUIPMENT

SINGLE CAGE



DOUBLE CAGE WITH CONNECTION KIT



AHCON SAFETY CAGES

SUPPLEMENT TO USER MANUAL

- Safety Zone Guidelines for Tire Inflation

When inflating tires in the safety cage:

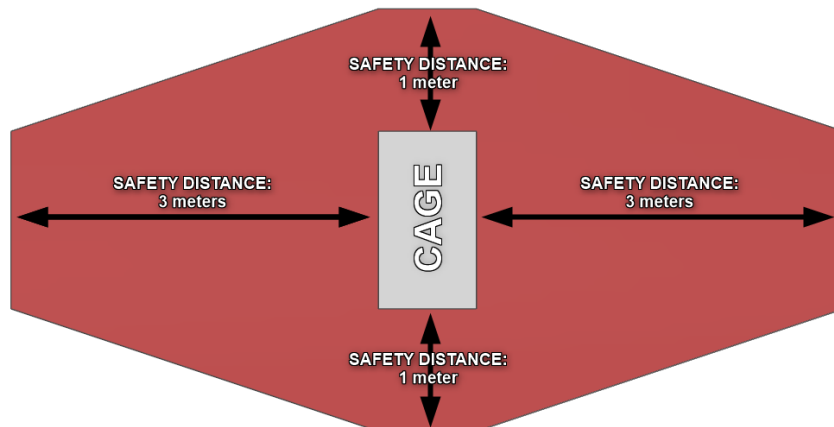
- **No personnel or loose objects** may be inside the safety zone when tire pressure exceeds **1.0 bar**.
- You may only enter the safety zone once inflation is **completely finished**.
- **Safety distances:**
 - **Front and rear:** 1 meter
 - **Each side:** 3 meters
 - The red zone in the figure below shows these distances.

Being inside the safety zone during inflation poses a **serious risk** in the event of a tire explosion.

Recommendation: Clearly mark the safety zone on the floor around the cage to make it visible for both operators and other workshop personnel.

SAFETY DISTANCES TO PERSONNEL ABOVE 1 BAR

SINGLE CAGE



DOUBLE CAGE WITH CONNECTION KIT

