PORTABLE VEHICLE BARRIER

ARMIS AIR



Temporary access protection without lifting equipment

Temporary access protection requires barriers that are quickly available and flexible to deploy. ARMIS AIR is designed for applications where access points need to be secured without complex logistics. The **portable vehicle barrier** can be deployed by one to two people without a crane or forklift and is ready for use. It combines reliable access protection with maximum flexibility – ideal for events, city festivals, Christmas markets, demonstrations and other temporary security arrangements.

Quick deployment without lifting equipment
ARMIS AIR is placed directly on the ground and is ready for use immediately – with no assembly or ground anchoring required. Thanks to the integrated nose wheel, the barrier can be easily moved and positioned by one person using the AIR-Mover or by forklift. This allows access points to be secured and opened quickly and efficiently with minimal personnel.

Impact-activated and self-resetting
The movable impact module is activated only in the event of a collision and transfers the impact energy into the ground in a controlled manner. After the impact, preloaded compression springs automatically return the barrier module to its original position. There is no need to manually reset the barrier or replace sacrificial bolts.

Compact transport and flexible deployment
The intelligent nesting system enables space-saving transport and efficient storage of multiple units. The barriers are simply pushed into one another. ARMIS AIR is freestanding and can be repositioned whenever required or opened to allow vehicles to pass through. This provides maximum flexibility during transport, storage and deployment.

Certifications
ISO 22343-1:2023 with 7.2 t @ 48 km/h
Performance: V/7200[N2A]/48/90:18.9/18.4
DIN SPEC 91414-1: displacement test

The advantages of ARMIS AIR at a glance

- accessible for pedestrians, cyclists and wheelchairs
- high visibility thanks to reflective elements
- high flexibility in location and deployment
- operated and positioned by one person
- quick emergency access using the AIR-Mover
- Lightweight, robust barrier under 300 kg
- Certified as a standalone, non-anchored module
- quick positioning without a crane or forklift
- Nesting system for compact transport and storage
- Advertising space available
- Low maintenance, purely mechanical design

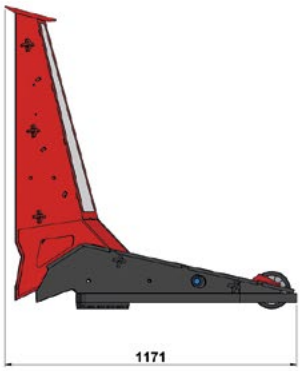
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CH-8951 Fahrweid

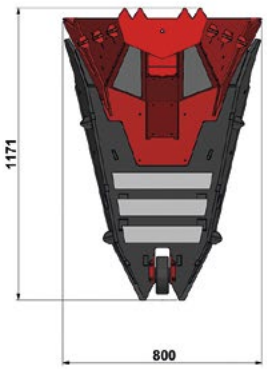
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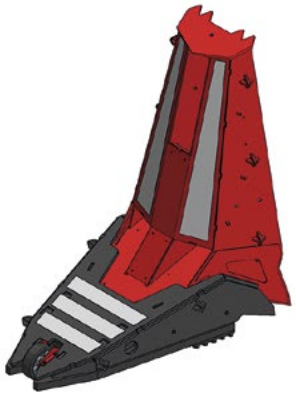
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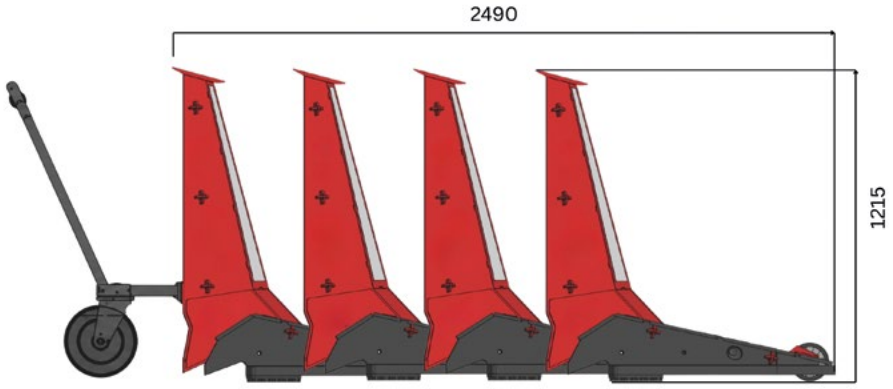
Technical drawings











Technical specifications

Design	Barrier made of high-strength special steel with protective coating, fitted with special claws, rubber feet and a front transport wheel
Width	800 mm
Length	1171 mm
Height above ground	1215 mm
Weight	283 kg
Nesting	4 units = 2490 mm total lenght
Direction of impact	90° frontal and 45° lateral. No protective effect from the rear.
Penetration depth	Penetration depth at 650 kJ (7.2t @ 48 km/h): 18.9 m
Stossfestigkeit / Anpralllast	750,000 joules (Breakout Resistance)
Certifications / Performance Rating	ISO 22343-1:2023 with 7.2 t @ 48 km/h, penetration depth: 18.9 m, V/7200[N2A]/48/90:18.9/18.4, displacement test according to DIN SPEC 91414-1: 1,1 m
Options	■ AIR-Mover ■ Mounting rails for attaching advertising banners between the modules ■ Mounting kit for LED lights and safety beacons ■ Covers / sleeves for use as advertising surfaces

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