

AMTR

Loading docks seals

Thermal protection

Easy installation

Durability

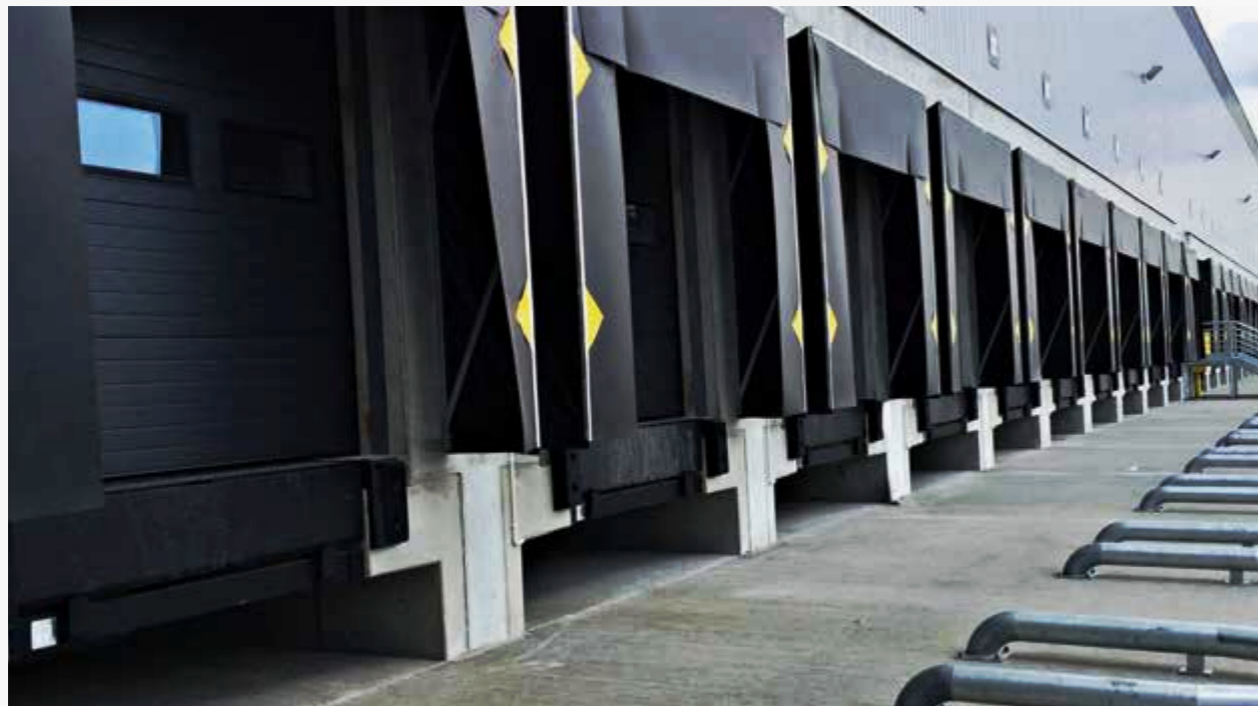


AMTR-U

Standard seal

Intended use

The AMTR-U mechanical seal is designed to seal a truck trailer at the loading bay. There is no need to use any additional elements to protect the loaded goods, as the seal is fully integrated with the leveller. The main task of the seal is to limit the influence of unfavourable weather conditions on the work in the warehouse. The versatile dimensions of the AMTR-PRO model make it compatible with semi-trailers. Seals with non-standard dimensions can also be designed.



AMTR

Standard seal



Features

- the front tarpaulins (top and side) are made of 3 mm thick three-layer PVC, resistant to weather and mechanical damage,
- the supporting structure of the seal consists of two frames articulated together by means of four arms and fabric,
- the supporting structure is made of light, hot-dip galvanised steel profiles,
- the edges of the seals are protected by an aluminium profile,
- the whole structure is secured with a sloping roof that rises under pressure from the front,
- the seal is marked with a yellow-colour warning on the front tarpaulins.

Gate seal

The gate seal is a hanging galvanised steel structure, covered with fabric. The sealing elements are about 3 mm thick, additionally reinforced with several layers of polyester fibre and covered with PVC on both sides.

Standard technical parameters*

Width	3400 mm
Height	3400 mm
Depth	600 mm
Top flap	975 - 1000 mm
Side flap	600 - 675 mm
Standard colour	black

*Can be adapted according to the customer's requirements

AMTR-P

Inflatable seal

Intended use

The AMTR-P inflatable seal is the most effective and the most durable of all types of docking system seals. The air bags are harmonica-shaped, which creates an optimal seal. This type of seal is especially recommended in cases of significant differences in temperature inside and outside the room, for example in air-conditioned or cooled storage areas. Seals with non-standard dimensions can be designed.

Features

- The AMTR-P inflatable seal is made of durable, weather-resistant components:
- the air bags are made of woven polyester, with double-sided PVC coating,
- flexible and extremely stable protective strips made of 3500 g/m² two-layer weaved polyester,
- the seal has an abrasion-resistant, antistatic, hard PVC coating on both sides,
- the front of the seal is made of galvanised steel, finished with a grey (RAL 7042) synthetic coating
- the reinforcing profiles are made of anodised aluminium,
- the seal is equipped with hot-dip galvanised consoles for full safety.



Control

Both the tubular and blower seal motor are operated with one button. When the truck is being docked for unloading, the engines seal the space between the open gate and the vehicle within 30 seconds.

Drive

The upper seal air bag is extended by the shaft of the tubular motor. During expansion, the blower motor ensures that the bags are filled with air.

Maximum height	610m ³ /h
Maximum compression	500 Pa
Volume	70 dB
Engine type	R2E 160-AY 47-01
Power consumed	240 W 50 Hz
Rotational speed	2100 [1/min]
Supply voltage	230 V
Weight	4 kg

AMTR-P control



Standard technical parameters*

Application	Loading systems
Height	3500 mm
Width	3700 mm
Structure depth	800 mm
Mounting height	4700 mm
Bag material	670 gr/m ²
Side width of bags (inflated)	600 mm
Height of the upper bag (inflated)	1000 mm
Inflation time	approx. 30 s
Deflation time	approx. 40 s

*Can be adapted according to the customer's requirements