



AIRPADZ

BEYOND WIND!



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EXECUTIVE SUMMARY

- **AIRPADZ technology: IMPROVES AERODYNAMICS OF VEHICLES**

1. Reduced fuel consumption: range between -3 % and -10 %
→ -5,80% *already achieved in reality*

2. Reduced CO₂ emissions and CO₂ costs

- **Easy mounting & removable in case needed**
- **Durable with low risk of damage**
- **Low weight**
- **Different Market applications possible: Road / Aviation / Maritime**
- **Cost effective solution for fleet operators & OEM's**
ROI: < 1 year
- **Additional sales potential for retailers & service companies**
- **Patented technology**



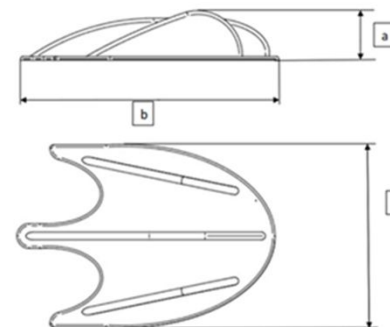
MARKET DRIVERS

- Rising energy prices (fuel)
→ € 1,2 / L Diesel → € 2,5 / L Diesel
- Rising CO₂ costs
→ € 60,- / to (2025) → € 300,- / to (2027)
- CO₂ based highway tolls
- Tightening legislation, esp. in Europe
- Low margins & tough competition
- Aging fleets: vehicles are longer in use
- Support for eMobility transition
- Need for easy and flexible product application & use
- Demand for cost efficient solutions with fast ROI



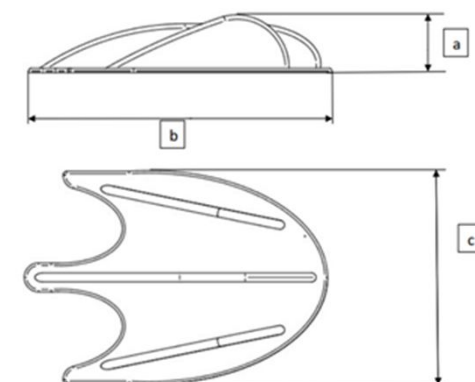
PRODUCT

- **4 – 7 Airpadz per vehicle (= 1 set)**
 - Easy mounting without structural damage
 - Removable & replaceable in case of damage
 - Low risk of damage
 - Material: Plastic (UV resistant), 99 % recyclable
 - Light product (1,5 – 5 kg per set)
 - Different colours available (RAL)
 - Cost effective
-
- **Product List Price (Europe):**
 - Set TRUCK / BUS (LARGE – 7 pcs): **699,-**
 - Set VAN (MEDIUM – 4 pcs): **599,-**
 - Set CAR (SMALL – 4 pcs): **499,-**



AIRPADZ SET'S

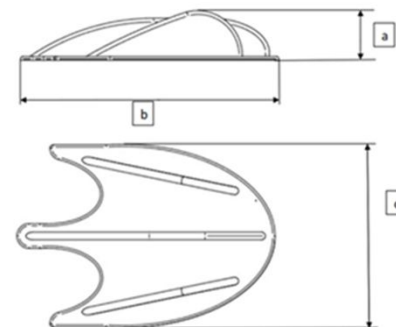
Art. No.	Set	Content	Technical Data
101	Airpadz Set Truck	<ul style="list-style-type: none"> Airpadz Large: 3x Airpadz Medium: 4x Mounting Instruction CE Certificate 	<ul style="list-style-type: none"> Weight: 2,80-4,50 kg Size (Box): Color: RAL xy Material: GfK/ABS
102	Airpadz Set Van	<ul style="list-style-type: none"> Airpadz Medium: 4x Mounting Instruction CE Certificate 	<ul style="list-style-type: none"> Weight: 1,12 - 2,20 kg Color: RAL xy Size (Box): Color: RAL xy Material: Plastic
103	Airpadz Set Car	<ul style="list-style-type: none"> Airpadz Small: 4x Mounting Instruction CE Certificate 	<ul style="list-style-type: none"> Weight: 0,32 kg Size (Box): Color: RAL xy Material: GfK/ABS



Measurements	a = Height	b = length	c = width	Material	Weight Gramm GfK/ABS
Size L	77 mm	320 mm	240 mm	GfK/ABS	1500 /800
Size M	50 mm	240 mm	160 mm	GfK/ABS	530/280
Size S	25 mm	120 mm	80 mm	GfK/ABS	90/50
Color	All RAL Colors		Other Colors on request		
Mounting	Automotive Adhesive				

MOUNTING

- **Package: Product Set for defined vehicle**
- **Delivered in correct color (RAL) as ordered**
- **Mounting recommendations for specific vehicle type included**
- Easy mounting without structural damage
- Best implemented during standard service visits
- No additional service life needed
- Estimated time needed for large trucks:
 - max. 2 hours
- Durable solution:
 - Lasts for many years with low risk of damage
 - High UV resistance



VISUALISATION OF AIR FLOWS

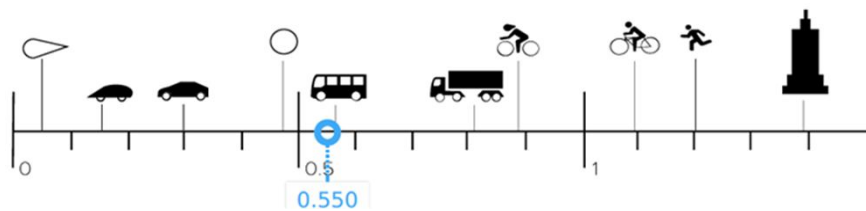


Visualisations from our field test!

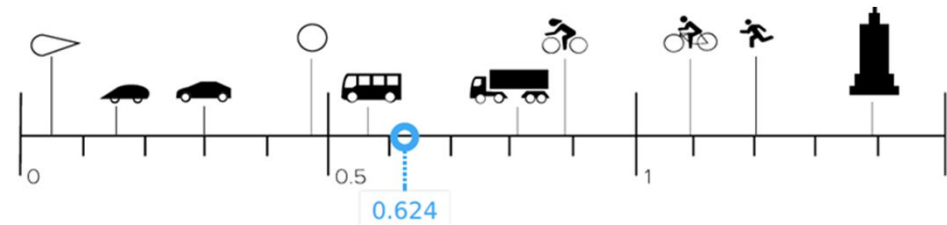
REDUCED C_w EVEN IN CROSS WINDS

(USUALLY THAT CAUSES AN INCREASE OF C_w UP TO 80%)

80 km/h – wind 5°



80 km/h – wind 0°



Effect: C_w reduction -30% → FUEL savings -10% (factor 0,3)

AERODYNAMIC FORCES CONSUME 40% OF ENERGY (FOR LAND VEHICLES, TRUCKS)



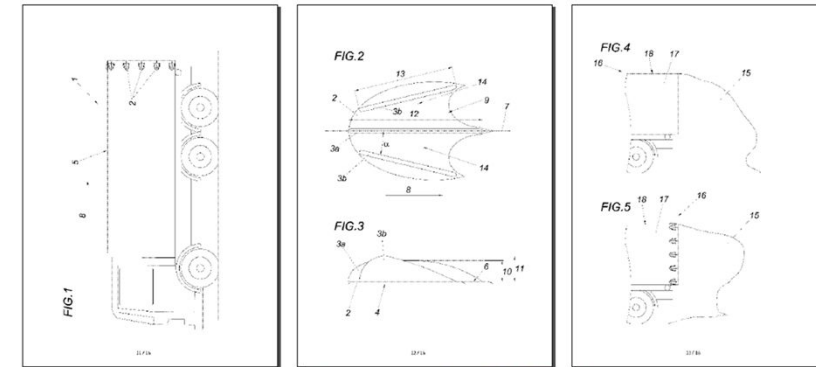
**Passing 5 Competitors in 40 sec.
Without a pedal stroke!**

<https://www.youtube.com/watch?v=2QBcc87yoc8>

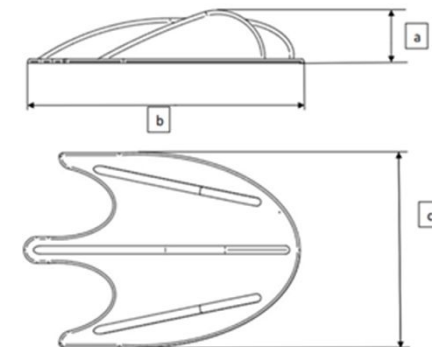
PATENTS & SCIENTIFIC PROOF

- **Patents**
 - Granted for: AUSTRIA
 - Applied for: EU / US
- **Field tests completed: > 300.000 km**
 - 2025: 90.000 km
 - 2024: 97.000 km
 - 2023: 120.000 km
- Fuel reduction achieved: > -3 % to -5,8 %***
 → 900 L Diesel per 100.000 km (0,9 L per 100 KM)

*Depending on configuration & operation mode



Drawing pages of AT524871 A4



APPLICATIONS

- Trucks
- Trailers
- Busses
- Vans
- Cars
- Trains / Ropeways / Boats

Phase 1



Phase 2



Phase 3

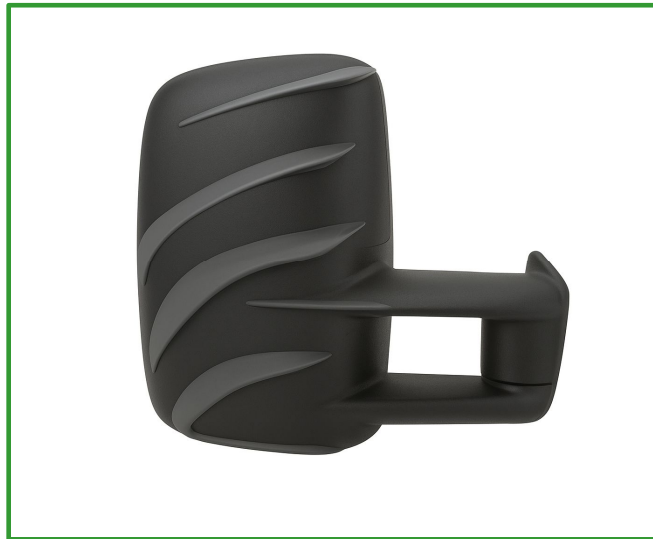


CUSTOMERS & BENEFITS

- 1. Fleet Operators:**
 - *Direct effect due to reduced operating costs*
 - *Fast ROI (< 1 year)*
- 2. Service Companies:**
 - *Additional sales revenues & attractive margins*
 - *USP for customers due to innovative solution*
- 3. Retailer / Online distribution**
 - *Additional sales revenues & attractive margins*
 - *USP for customers due to innovative solution*
- 4. OEM's: truck / bus / vans / cars / others**
 - *Competitive advantage due to vehicle optimization*



AIRODYNAMIC IMPROVEMENT FOR OEM PARTS



Example: Side Mirror

AIRPADZ: LICENCING FOR OEM CUSTOMERS

1. AIRPADZ technology is patented.
2. We offer licences to OEM customers for mass production of parts with integrated AIRPADZ technology.
3. We support customers with innovative airflow simulations and dedicated tests under real conditions.

→ OEM producers can gain competitive advantage!



ROI CALCULATION FLEET OPERATOR

ROI Calculation	Year 1	Year 2	Year 3	Year 4	Total
Investment / Truck (€)	840	0	0	0	
Fuel Cost Reduction / Truck / Year (€)	960	960	960	960	
CO2 Cost Reduction / Truck / Year (€)	90	90	90	90	
Savings / Year / Truck (€)	210	1 050	1 050	1 050	3 360
Savings / Year Fleet (€)	58 800	294 000	294 000	294 000	940 800

- Segment: TRUCK > 3,5 t
- Fleet size: 280 Vehicles
- KM / Truck / Year: 100.000
- Fuel Consumption (Diesel, L / 100 km): 30
- CO2 Price: € 60 / to (2025)
- **Return on investment: 0,8 years**
- **Savings over 4 years: € 940.800,-**

FIELD TESTS

- To verify the positive effect of using Airpadz on your specific vehicles, we offer a standardized field test in 2 variants:
 - **1. Field Test BASIC:** Price: € 2.950,-
 - 4 vehicles in total, 2 vehicles equipped with Airpadz
 - Duration: 4 weeks
 - **2. Field Test EXTENDED:** Price: € 4.950,-
 - 10 vehicles in total, 5 Vehicle equipped with Airpadz
 - Duration: 8 weeks
- **Both tests include:**
 - Full service including test preparation, mounting on site, service during test phase
 - Real time data analyses
 - Test report including calculation of savings potential for your specific fleet

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CONTACT

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