

StopLane

Verkehrstechnik
Technique du trafic
Traffic Control Engineering



Creating safety together!

Flexible, modular Airport Barricade System

can function as a subsystem or a complete system:

- StopLane - Low-profile Airport Barricade (LPB)
- StopLane - Airport Barricade Hazard Light (Rechargeable Battery / Solar Powered)

Self-sustaining &
low-maintenance
ensuring optimal
efficiency



StopLane - Airport Barricade System

Article no: WS-302-005

Quick Installation

Telescopic adjustment eliminates the need for precise placement, while clamping and rotating assembly speeds up the installation process

Efficient Logistics

Stackable, forklift-compatible pallets optimize transport and storage



Characteristics

- Maximum Flexibility & Safety for Airport and Construction Operations:
 - Ideal for large and small projects
 - Easily scalable and expandable
- Modular System – can be used individually or in combination:
 - Low-profile Airport Barricade (LPB)
 - High-performance Airport Barricade Hazard Light (Rechargeable Battery / Solar Powered)
 - Simple expansion with solar modules – no complex reinstallations required
- Efficient Charging & Storage:
 - 20 pcs. Barricade Lights – one plug, automatically charged
- Stable & Approved:
 - Secure mounting on jet blast tested Base Plates made from recycled materials
- Highest Standards:
 - Compliant with ICAO Annex 14 & EASA Issue 6
 - Easy handling & modularity
 - Optimal cost-benefit ratio
- Sustainable & Autonomous:
 - Solar-powered for year-round, self-sufficient, maintenance-free, and environmentally friendly operation
 - Minimal operating and handling costs

Videos:



StopLane - Airport Barricade System

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Article no: WS-302-005

Complete system consisting of:

- Airport Barricade Hazard Light
- Solar Module (optional)
- Base Plate Typ D300M
- Charging and Transport Pallet for Airport Barricade Hazard Light
- Telescopic Low-profile Airport Barricade (LPB)
- Transport- and Storage Pallet for Solar Module
- Transport- and Storage Pallet for LPB
- Transport- and Storage Pallet for Base Plate



StopLane - Airport Barricade Hazard Light

Article no: WS-302-003

Consisting of:

- Airport Barricade Hazard Light
- Solar Module (optional)
- Base Plate Typ D300M
- Charging and Transport Pallet for Airport Barricade Hazard Light
- Transport- and Storage Pallet for Solar Module
- Transport- and Storage Pallet for Base Plate



StopLane - Low-profile Airport Barricade (LPB)

Article no: WS-302-004

Consisting of:

- Telescopic Low-profile Airport Barricade (LPB)
- Base Plate Typ D300M
- Transport- and Storage Pallet for LPB
- Transport- and Storage Pallet for Base Plate



StopLane - Articles Overview



Airport Barricade Hazard Light

Article no: 302-501

Technical Data

Height:	485mm
Weight:	2.25kg
Lens diameter:	Ø 158mm
Lens color:	transparent
Light source:	LED
Luminous intensity:	10cd, red permanent ICAO Low-intensity Type A
Beam angle:	horizontal 360°
Twilight switch:	yes, can be activated
Power supply type:	Charger or Solar Module
Operating voltage:	12VDC
Current consumption:	100mA
Operating time:	100h (4 days or 8 nights)
Nominal capacity:	10Ah
Battery type:	LiFePO4
Connector type:	CA 3 GS device plug for charging / connection to solar
Protection:	IP65
Assembly:	Bayonet-mounting in Base Plate
Material:	PC
Regulations:	ICAO (Annex 14) and EASA certified



Characteristics

- Autonomous & High-Performance:
 - Without a Solar Module 4 days of continuous operation, up to 8 days with an activated twilight switch
 - With Solar Module self-sufficient (24/7)
- Durable & Runway-compatible:
 - Robust design with jet blast tested Base Plate and bayonet connection for maximum load-bearing capacity
- ICAO & EASA compliant:
 - Certified Obstacle Light Low-intensity Type A
 - Complies with all international regulations for maximum safety
- Efficient Operation:
 - With Solar Module and LiFePO4 battery – self-sufficient with minimal operating and handling costs
 - Hazard Lights are delivered in a special charging and transport box, capable of charging up to 20 lights simultaneously with a single plug-in connector – ensuring maximum efficiency and immediate readiness from storage

Telescopic Low-profile Airport Barricade (LPB)

Article no: 06-H7611610/FRIKE

Technical Data

Height from floor:	280mm
Length of Barricade:	2'100mm - 3'200mm
Weight:	6.5kg
Diameter of insertion tubes:	Ø 40mm
Reflective film:	RA1A / EG double- or one-sided red / white (customized possible)



Characteristics

- FAA-compliant (AC 150-5370-2G)
- Quick Installation: Telescopic, no precise Base Plate alignment required
- Setup in just a few minutes by a single person
- Can be used temporarily or permanently

Telescopic Low-profile Airport Barricade - 50cm

Article no: WS-302-001

Technical Data

Height from floor:	500mm
Length of Barricade:	2'100mm - 3'200mm
Weight:	7.0kg
Diameter of insertion tubes:	Ø 40mm
Reflective film:	RA1A / EG double- or one-sided red / white (customized possible)



Characteristics

- EASA Compliant (Issue 6, CS ADR-DSN.R.870) for unserviceable areas as a "marker board" with 50cm in height
- Quick Installation: Telescopic, no precise Base Plate alignment required
- Setup in just a few minutes by a single person
- Can be used temporarily or permanently

Base Plate Typ D300M

Article no: 02-077P

Technical Data

Dimension (LxWxH):	870mm x 420mm x 110mm
Weight:	29.95kg
Material:	Recycled material

Characteristics

- **Secure Mounting:** The bayonet lock ensures a secure hold of the light, even under jet blast conditions
- **Infinitely Expandable:** The telescopic barrier can be quickly and precisely inserted into the hole pattern
- **Solar Module securely mounted:** The Solar Module is firmly clamped under the Base Plate for maximum stability and flexibility in alignment
- **Robust & Reliable:**
 - Designed for demanding use at airports and in security-critical areas
 - Shatterproof with anti-slip system
 - Resistant to frost, salt, exhaust gases, oil, and more



Charging and Transport Pallet Barricade Light

Article no: 302-502

Technical Data

Dimension (LxWxH):	1'200mm x 800mm x 780mm
Form:	Euro pallet box
Capacity:	20pcs.
Power supply type:	Mains voltage
Operating voltage:	110VAC - 230VAC
Transportation / storage:	Forklift-compatible / stackable

Characteristics

- **Always Ready for use:** Lights are charged during storage
- **Automatic Charging:** Multi-channel charging system ensures continuous charging and readiness, preventing deep discharge during storage
- **Low Maintenance & Efficient:** Reduces manual charging cycles
- **Secure Storage & Protection:** Custom foam insert for a perfect fit of the lights



Transport- and Storage Pallet for LPB

Article no: 106-H2511930031

Technical Data

Dimension (LxWxH):	2'290mm x 1'170mm x 450mm
Empty weight:	62kg
Capacity:	10pcs.
Transportation / Storage:	Forklift-compatible / stackable

Characteristics

- Optimized for the storage and transport of 10 pcs. Low-profile Airport Barricades (LPB)
- Easy transport with a forklift from all directions for maximum flexibility
- Galvanized steel for high durability and long service life
- Multiple pallets can be safely stacked on top of each other
- Efficient storage & optimal protection



Transport- and Storage Pallet for Base Plate

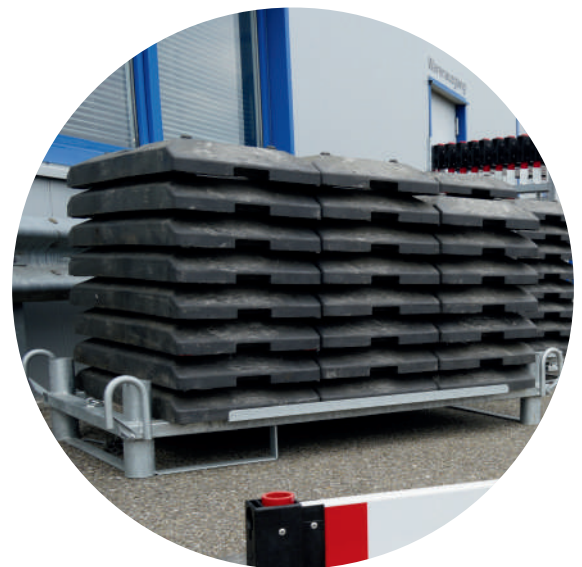
Article no: 106-H253899

Technical Data

Dimension (LxWxH):	1'600mm x 900mm x 280mm
Empty weight:	50kg
Capacity:	up to 30pcs.
Transportation / storage:	Forklift-compatible / stackable

Characteristics

- Suitable for all common Base Plates
- Galvanized steel for high resistance and long service life
- Forklift-Compatible: Facilitates transport and handling
- Includes chain for secure strapping of Base Plates
- Storage and transport for up to 30 Base Plates
- Multiple pallets can be stacked on top of each other



Solar Module South

Article no: 302-601

Technical Data

Dimension (LxWxH):	565mm x 345mm x 265mm
Weight:	3.8kg
Operating voltage:	12VDC
Peak Power:	30W

Characteristics

- 30W Solar Power: Continuous operation in temperate climates, e.g., Munich, with a monthly global radiation sum of $\geq 60\text{kWh/m}^2$ in continuous operation (24/7)
- Flexible Alignment: Solar Module easily slide under the Base Plate and position optimally towards the sun on all four sides possible
- Sustainable & Low maintenance: Reduces charging cycles and lowers maintenance efforts
- Robust & Weatherproof: Ideal for long-term use at airports



Solar Module North

Article no: 302-602

Technical Data

Dimension (LxWxH):	670mm x 505mm x 370mm
Weight:	6.5kg
Operating voltage:	12VDC
Peak Power:	55W

Characteristics

- 55W Solar Power: Reliable energy supply even in low sunlight or overcast conditions
- Flexible Alignment: Solar Module easily slide under the Base Plate and position optimally towards the sun on all four sides possible
- Sustainable & Low maintenance: Reduces charging cycles and lowers maintenance requirements
- Robust & Weatherproof: Ideal for long-term use at airports



StopLane - Airport Barricade System References







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