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# PMB 2400

Vehicle attachment



The PMB 2400 is a permanent magnetic beam for cleaning runways, taxiways and aprons at airports. The PMB 2400 reliably picks up any magnetisable ferrous parts - typically nails, screws, nuts, bolts and cotter pins - for residue-free FOD removal. The PMB 2400 is designed for front-mounting on medium and large carrier vehicles and fits very well with the AS 990 airport sweeper.

## Highlights

- **Efficient magnet system**
- **Holds even the smallest magnetic parts**
- **Low maintenance construction**

## Your benefits

- **Quick installation:** The PMB 2400 is easy to install and remove using a quick-change system.
- **Easy removal:** Thanks to the hinged stainless steel plate, the collected metals can be easily removed.
- **Flexibility:** Easy mounting on carrier vehicles of different sizes.

## Performance features

### Magnet system

The PMB 2400 consists of **four components**: the magnet system, the top cover of the magnet system, two parallelograms with lifting and lowering cylinders and the equipment plate. The magnet system used in the PMB 2400 is very powerful and user-friendly. The strongest magnetic fields are directed downwards, while the magnetic fields to the side and upwards are significantly weaker, ensuring it complies with appropriate safety limits. The permanent magnetic beam is guided evenly over the traffic surface by **two wheels**. It reliably picks up magnetic objects at a working width of 2,400mm and a field density of approximately 300 Gauss, at a ground clearance of 100mm. The PMB 2400 is attached to the vehicle plate of the carrier vehicle by a **quick-change system** and can be attached or removed within a few minutes **on size three and size five vehicle plates**.

### In work

Magnetisable foreign parts are attracted when the PMB 2400 drives over them and remain firmly attached to a stainless steel rail, but the field lines of the magnet can still pass through it. The magnetic bar can be raised and lowered via the vehicle hydraulics or the independent electro-hydraulic system.

The transport position is reached via the lifting and lowering cylinder, and ground clearance in transport mode depends on the carrier vehicle used. When the magnetic beam is lifted, the stainless steel rail can be swung downwards, so that any foreign objects are no longer subject to the influence of the magnet and can be disposed of accordingly. The maintenance of the PMB 2400 is limited to periodic checking for damage and possible lubrication of the sliding parts.



## Related product

### AS 990 / ASC 990

Sweeper



### AS 660

Sweeper



## Keywords

#Airports #Contractors #Industry, Construction & Facility Management #Fire brigade, Military & Civil Defence #Cleaning & Washing #Airport Airside #Innercity Roads #Industrial & Port Areas

## Technical data

### Dimensions

Width	2,400 mm
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### Drive system

Drive	Vehicle hydraulics
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### Magnet bar

Field density	300 gauss at 100 mm ground clearance
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### Weights

Weight	350 kg
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