

# Protecting the sensitive skin at the buttock from the pressure and the shear.



Wheelchair Cushion designed by the Yokohama Rubber Co., Ltd.

## Medi-Air Series



<For illustrative purpose only>



You can secure **the comfortable** and **optimal seating surface** with **the Built-in Bottoming Out Detector**.

Independent air groups realize the stable seating surface.

Bottoming Out Detector will realize the optimal immersion.

Two types in air adjustment, "Dynamic" and "Static".



### Dynamic Type



## Medi-Air1

Just press the Power button to start the "Automatic Pressure Distribution System".

### Static Type



## Medi-AirSky

Easy air adjustable cushion with the "Bottoming Out Alert System".



Manufacturer: The Yokohama Rubber Co., Ltd.

Mainstay Products:

<Tires>

Tires and tubes for passenger cars, trucks and buses, light trucks and industrial vehicles, aluminum alloy wheels and automobile-related components

<Industrial Products>

Coveyor belts, marine fenders, marine hoses, rubber support, highway joints, industrial air springs, sound-and vibration-proof materials, accessibility products(air cell cushion), sealants, polyurethane-based waterproofing materials, various of high pressure hoses and couplings.

<Others>

Aerospace products(lavatory module, water tank, couplings), advanced electorical materials(hard coat, heat conductive adhesive, sealant for PV module, encapsulant for LED), golf-related products, information processing services, real estate and others.

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# Medi-Air 1

Dynamic Type

## Features

1. Pressure Distribution Function
2. Automatic Alternating Pressure Relief System
3. Built-in Detector to Avoid Bottoming Out



### Air-cell

Consists of two types of different heights to conform to a user's individual body shape.



### Guard-cell

Located on both sides of the cushion to prevent the body from shifting to one side and maintains a stable position.

### Easy disconnection

Air-cells can be easily disconnected from the cushion base and may be replaced in case of puncture.



### Built-in Bottoming Out Detector

A built-in sensors are located near the hipbone constantly monitors inner pressure to prevent bottoming out. When the body shifts to one side, it automatically pumps in air to the group of air-cells in areas of concentrated body weight to correct body posture. Soft rubber is used for the sensor to mitigate the impact to the posterior.



### Unique shape

The unique shape of the top of the air-cell is designed to prevent heat damage to the user's posterior while providing even pressure distribution.

### Universal Design



# Medi-Air Sky

Static Type

## Features

1. The Bottoming Out Detector enables the easy air adjustment
2. Two divided air groups to secure the stable positioning
3. Air-cells can be easily disconnected from the cushion base



### Air-cell & Guard-cell

In common with Medi-Air 1.



### 2 Separate Air-cell groups

Can adjust each inner air pressure manually to make the comfortable and stable surface.



### Pump Case

Store the pump in it when not using it.



### Manual Rubber Pump

You can adjust the air amount easily till your preferred air amount. Pump can be connected and disconnected very easily.

### Easy disconnection

Air-cells can be easily disconnected from the cushion base and may be replaced in case of puncture.



### Bottoming Out Alert System

Built-in Bottoming Out Detectors are located under the cushion. An auditory alarm is activated when the bottoming out occurs.



### Deflate the air until the alarm beeps.

Connect the pump to the tube in front of the cushion and open the air valve to deflate the air.



### Inflate the air until the alarm stops.

Shut the air valve and pump the air until the alarm stops.



## Specifications

			
Model No.	Medi-Air 1 · Y-MA390		Medi-Air 1 · Y-MA340
Sizes (Unit: mm)	Width 390 x Length 400 x Height 110		Width 340 x Length 352 x Height 110

					
Model No.	Medi-Air Sky · Y-MS390		Medi-Air Sky · Y-MS340		Medi-Air Sky · Y-MS315
Sizes (Unit: mm)	Width 390 x Length 400 x Height 110		Width 340 x Length 352 x Height 110		Width 315 x Length 400 x Height 110

**NOTE:** Medi-Air Series are designed and manufactured in Japan and for domestic use and sales ONLY. Please contact us through e-mail for further information.