**Portable Bicycle Parking System**

### Mobile ECO Cycle Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Elevator type</strong></td>
<td>Swivel, bottom loading type</td>
</tr>
<tr>
<td><strong>Storage capacity</strong></td>
<td>13 bikes/level X 2 levels</td>
</tr>
<tr>
<td></td>
<td>16 bikes/level X 2 levels</td>
</tr>
<tr>
<td><strong>Time size</strong></td>
<td>24 - 28 inches</td>
</tr>
<tr>
<td><strong>Carriage Methodology</strong></td>
<td>Electric-assist bikes Regular bicycles Road bikes etc</td>
</tr>
<tr>
<td><strong>Management system</strong></td>
<td>Owner's bicycle storage system</td>
</tr>
<tr>
<td></td>
<td>Rental cycle system</td>
</tr>
<tr>
<td></td>
<td>Community bicycle system</td>
</tr>
<tr>
<td><strong>Method of authentication</strong></td>
<td>IC tag &amp; Card-reader type (optional)</td>
</tr>
<tr>
<td><strong>Unloading time</strong></td>
<td>as little as 8.0 sec., Average of 9.7 sec.</td>
</tr>
<tr>
<td><strong>Total Mass</strong></td>
<td>4.3 ton☆</td>
</tr>
<tr>
<td><strong>Projected area</strong></td>
<td>35.7 m²</td>
</tr>
</tbody>
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*Please be aware that specifications can change without prior notice.

*There are some types of bicycles that cannot be stored.

*Unloading time: from the start of mechanical operation to unloading bike to the delivery at the exit.

*Net total mass.
Currently, bicycles are gathering attention as a cutting-edge means of transportation in terms of ecology, CO₂ reduction, clean energy, and healthy lifestyles.

The bicycle parking system that can maximise the convenience of bicycles is Mobile ECO Cycle.

Mobile Eco Cycle is an innovative portable bicycle parking system. It can quickly be constructed in small spaced areas and installed quickly when and where you need it. In addition, it can be easily removed after the period of time it was needed.

Since our first launch of the earthquake-resistant underground parking for bicycles “ECO Cycle” in 1998, we have applied our original press-in technology and have accumulated a number of achievements as a pioneer of mechanical-type parking for bicycles. Mobile ECO Cycle also has easy-to-operate, high-speed, and advanced storage technology features developed through these achievements.

By linking the potential of bicycle use with the advantages of Mobile ECO Cycle, we propose creating a smart cycle community -- a cutting-edge clean transportation culture where bicycles can be used “anytime”, “anywhere” and “easily”.

A cutting-edge and clean transporation culture

Formation of a smart cycle community
Features of Mobile ECO Cycle

Innovative portable system with highly efficient storage, high speed, easy and comfortable bicycle parking system

1. Portable system that is easy to setup/remove
   Because of its thoroughly partitioned assembly, it can be quickly setup using simple procedures. Setup work can be completed in one to two days and removal work can be completed in one day.

2. Space saving, high storage capacity
   Storage capacity of 58 bicycles is possible in a property space of 46 m². Capacity ratio is approx. 2.3 times that of typical ground level bicycle parking lots.

3. Simple and speedy bike storage entry/exit
   Entry/exit is a simple operation using the touch panel. Users are not made to wait even when they are in rush hour as the average time to get a bike out is 9.7 seconds.

4. Safety in knowing it won’t get wet from the rain or be vandalised
   Because bicycles are stored in a covered area, there is also no worry about getting wet from the rain or being vandalised.

5. Flexible Registration System
   With the standard specification, users are registered using IC Card and IC Tag. This makes bicycle registration, drop-off and retrieval, a simple procedure. Electric password access is an available option on request.

6. Running cost is inexpensive and economical
   Because it is a fully automated covered storage system, caretaker doesn’t have very much trouble and maintenance is also easy. The cost of electricity per entry/exit is about JPY 0.12, and running costs can be significantly reduced.

7. Exterior walls can be used culturally & commercially
   Because anything can be printed on the wall, designs that suit the local scenery are possible. Also, as a new media to attract attention, it can also be used for corporate ads and as a tourism guide.

NOTE:
*Does not include standby power consumption and basic contract fees.
Near Train Stations & Bus Stops
Setting up near mass transportation hubs such as train stations and bus stops to encourage bicycle use as an ingress/egress transport mode that connects travelers to the major transportation. The wall can also be used for digital signage and as a new advertising media.

Under Elevated Railway or Road
Any practical unused urban space can conveniently be utilised by setting up Mobile ECO Cycles.

At Sightseeing Spots
Connecting the rental cycle ports that dot the landscape at sightseeing spots by Mobile ECO Cycle. Use the walls as sightseeing guide maps.

At Event Venue
Short-term rental cycle service can be easily supplied for a travel mean inside the venue or to connect the venue from mass transportation stations. The exterior walls can be used as event advertising space.
At Convenience Stores and Supermarkets

Through integration with convenience stores and supermarkets, it forms diverse community that becomes part of our daily life through the synergistic effect of attracting customers and user-friendliness.

At Street Shopping Malls

Resolves the problem of illegally parked bicycles when installed in street shopping malls as space savers where there is little bicycle parking space.

At Schools

Promotes cycle sharing for commuting and moving around a wide campus-area by integrating classroom buildings on campus and student dormitories.

At Public Facilities

Use as a base for community bicycles at public facilities such as city hall, public libraries and museums. Use the walls as public service messages/advertising.
At Apartments/Condominiums

Property value can be increased by adding Mobile ECO Cycle, which can conveniently store trending bicycles such as electric power-assist, high-end and ride-sharing bicycles.

In Factory/Laboratory Facilities

Appeal as environmentally responsible company through the use of bicycles to move around large open areas on the workplace property and to commute.

During Redevelopment Project

Use the easy to uninstall/remove Mobile Eco Cycle setup temporarily as an alternative bicycle parking space.

In preparation for disasters

In preparation for paralysed traffic of trains and cars due to large scale disasters, deploying Mobile ECO Cycle to various locations allows.
Mobile ECO Cycle Specifications

[Plan]

[Cross Section]

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