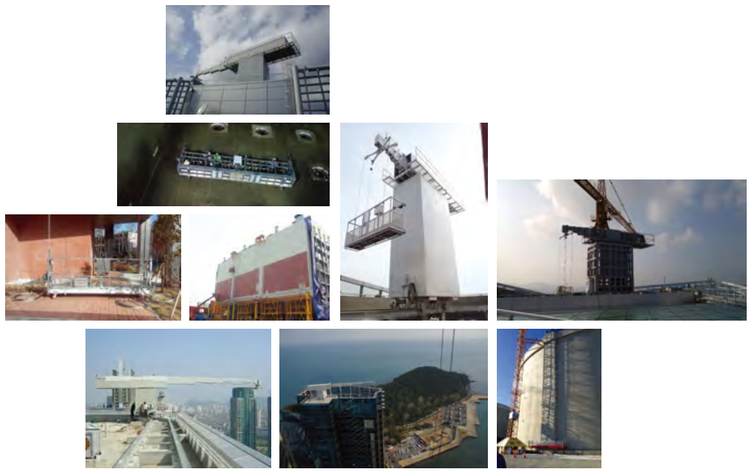

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ISO 9001:2008
ISO 14001

INNOBIZ
기술혁신형중소기업
Innovative small / medium industry

GONDOLA

Since 1983

DAE O Precision Industry Co., Ltd.

DAE O Precision Industry Co., Ltd.

Introduction

Ever since the establishment in 1983, by developing various products needed at construction sites, we have been leading in construction machine industry area with R&D and quality improvement of hoist cars, gondola, and elevators adequate for domestic circumstance to become the "heart of construction machine industry that customers can trust," which is DAE O's mid- and long-term vision.

In particular, with DAE O's plentiful human resource and advanced equipment, we provide a differentiated service.

With quick correspond to industrial site's demand by developing technology needed for construction machine industry, our quality has been acknowledged from many industrial sites. Also, with continuous R&D and wide-range technology education, we will try to come up with excellent safety features and quality in a long run.

2000's

- 2011 Reclocated to newly built Eumsung factory.
- 2010 Obtained CE certificate.
- 2009 Manufactured proof explosion internal lift.
- 2007 Obtained ISO 14001, registered as venture business.
- 2006 Manufactured proof explosion type lift.
- 2005 Joined the consortium for joint technology development of industry, school and institute.
  Established DAE O technology institute.
- 2004 Designated as CLEAN workplace by Korea occupational safety & Health agency.
- 2003 Registered in the elevator maintenance business.
- 2000 Obtained ISO 9001 certification.

1990's

- 1999 Registered the utility model of a multi-stage expansion device gondola arm.
  Registered the utility model of the safety device of the construction elevator.
  Passed the design test. (Unmanned operation system.)
- 1998 Registered the utility model of a multi-stage expansion device gondola arm.
  Registered the utility model of the safety device of the construction elevator.
  Passed the design test. (Unmanned operation system.)
  Registered as an elevator installation business.
- 1996 Changed into name of DAE O Precision Industry Co., Ltd. registered as an elevator manufacturing business.
- 1995 Registered in trade business through the korea international trade association.
  Registered the parking device in the ministry of construction & transportation.
- 1994 Registered in the elevator maintenance nusiness. (Seoul Metropolitan Government.)
- 1992 Passed the design test for lift. (Korea occupational safety and health agency.)
  Registered in the elevator manufacturing business. (Industrial advancement administration.)
- 1991 Converted into corporation. (DAE O Electric Co., Ltd.)
  Exported gondola for B/D cleaning to Hong Kong.

1980's

- 1988 Manufactured two-stage parking equipment manufacture derrick lift
- 1984 Manufactured and market release of the briquette gondola.
- 1983 DAEO electric established. (As a manufacturer for construction equipment)

Our business

Consultancy → Design Expertise → Production Expertise → Self-maintenance

01 Consulting
Suggest the most appropriate gondola during construction design

02 Design Expertise
Designed in shop by our own engineer

03 Production Expertise
Manufacturing in shop without sourcing

04 Self-maintenance
Maintenance and after-service by our own team

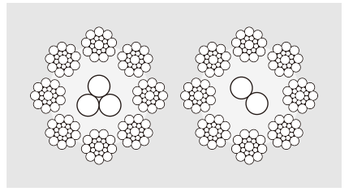
Characteristics of gondola produced by our company

01 Safety & Design standard

- Zero accidents since establishment in 1983
- Applying Korean (Korean Industrial Safety and health Act) and Europe design/safety code

02 Over speed safety device

- Acquired CE certificate for over speed safety device. (Applied only for drum type)



03 Copper core wire

- Using 3rd generation control-type wire
- Using advanced imported goods from Germany, it solves wireless method's malfunction and disconnection from similar wires (drum-type)

04 Quality

- Design and manufacturing facilities is accredited to ISO 9001 Quality and ISO 14001 EMS.

Drum type Gondola

DAEO is constantly working on the development of new and advanced building maintenance system. we supply a number Drum type Gondola. This gondola can be adjusted to match different roof and different building heights. Our machines vary in reach and gondola size.

The design is constantly being improved by new invention and the application of advanced system. DAEO has a solution for every type of facade. Solutions can be modified to the required demension, depending on the facade characteristics.

Multi-Arm sliding Type(Rail Type)

- Use if building's facade change is small
- Standard type
- Able to run by installing rails on roof

Out Reach: Upto 25m
Lifting Capacity: 250~500kg

Multi-Arm Sliding type (Fixed type)

- Use if building's facade change is small
- Unable to run because it is fixed

Out Reach: Upto 30m
Lifting Capacity: 250~500kg

This type is for accessing inclined section of facades. DAEO has a solution for every type of facade.
Solution can be modified, depending on the facade characteristics.

Body Up-Down Multi arm sliding type

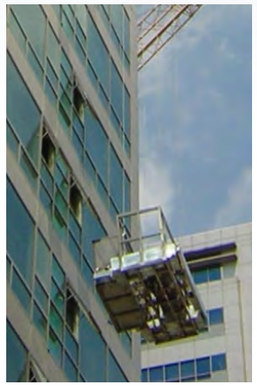
- Added body up/down function from Multi-Arm sliding type
- Able to park by moving the body down when it is not used
- When you prefer gondola not being exposed outside
- When there is a change in parapet elevation
- When there is a limit in altitude due to helipad level

Outreach: 25m
Lifting capacity: 250~500kg

Pantograph type

- A type where it is possible to slide cage from Multi-Arm sliding type. Use it when there is a change in building's elevation
- Can work below building's protruded area by sliding cage.

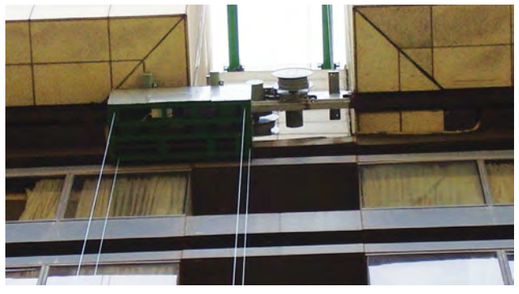
Outreach: 20m
Lifting capacity: 250~350kg



Compound type

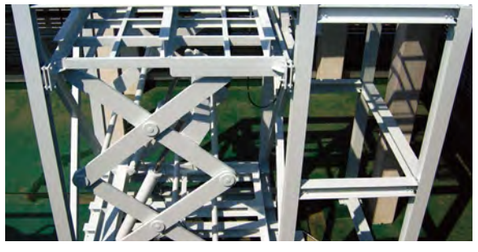
- Mixed type by combining drum type and hoist winch monorail type
- Design gondola with the most appropriate shape depending on building's exterior

Lifting capacity: 250~500kg



Attached Equipment

- Gondola lifting equipment
- Can apply it depending on type of building like hydraulic type, jack screw-type
- If building's rail is high, install it for maintenance



Rail

- Install it at steel structures depending on building's characteristics
- Possible to install it on top of concrete pad after basic depositing

Hoist winch type

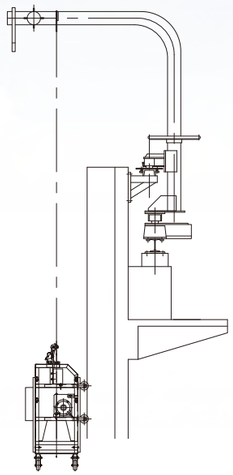
This type is lightweight and fully portable, and its assemblies can be dismounted quickly and broken down into lighter components which allowing it to be stored out of sight when not in use.

Davit Type

Davits consist of a low profile base that can be mounted either to the roof or parapet, and a fully removable port and arm. A fully motorized cradle is suspended from davit assembles. It can be moved by adjusting rail system as option.

- Out reach : 2m
- Lifting capacity: 250~350kg



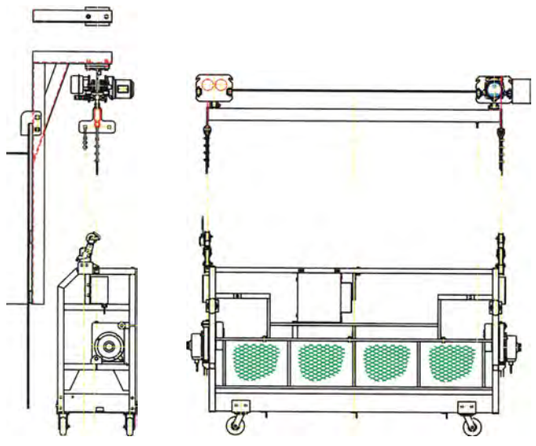



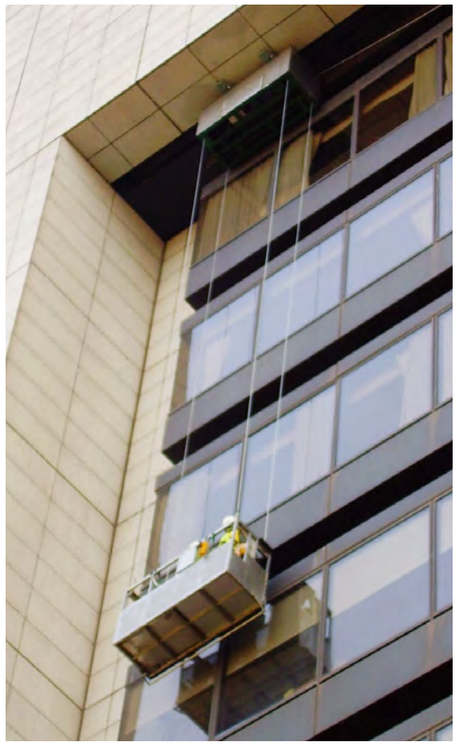
Monorail Type

monorails are ideal for buidings that cannot support a roof-mounted unit and for buildings that have overhanging or recessed facades.

- Required space is small by installing mobile rail at the outer region of building's rooftop parapet
- When it is not used, it can be stored at a separate space
- Driving part at the cage makes the equipment compact

Lifting capacity: 250~400kg

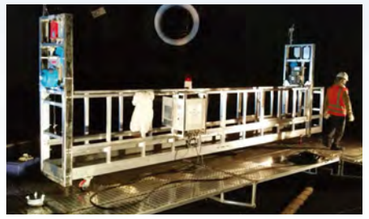


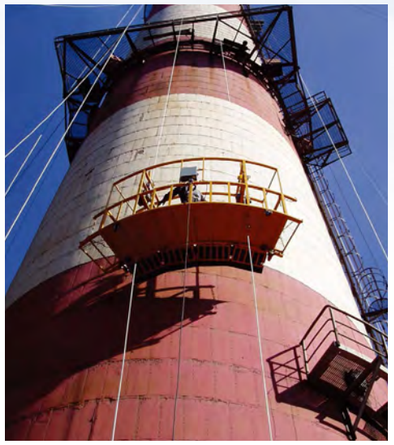


Plant Type

- It is used in various plants and industrial working sites such as thermoelectric power plant, LNG tank construction site, chimney and etc.
- It is possible to design and produce adjusting to distinctiveness of the working site

Lifting capacity: 350~1,000kg





Construction, Dockyard Type

This type has been developed with the budget market in mind like shipyard, construction site. The vasrious suspension sytem can be used.

Lifting capacity: 400kg


Ladder Type

DAEO provides gantries for both interior and exterior use. They are the ideal tool for cleaning atriums and other hard-to- reach roof constructions. Our gantries, ladders and arched ladders provide optimum accessibility and maximum safety for both straight and curved facades.