

Facade access equipment

Roofcars, gondolas and monorails

XSPHILOSOPHY: WHY WE ARE DRIVEN TO INNOVATION

Our core values:

SAFETY ABOVE ALL

FOCUS ON THE CUSTOMER

SIMPLICITY DEFINES QUALITY

THE BEST ISN'T GOOD ENOUGH

THERE'S NO SUCH THING AS A PROBLEM

At XSPlatforms we believe that working at height should be safe and simple. Whether you are doing maintenance work on a roof or washing the windows of the world's biggest skyscraper. Everybody everywhere should be absolutely safe whilst working at heights.

Here at XSPlatforms, we are always looking out for new challenges. With every innovation and every product improvement we make, we keep setting the standards higher. By doing this we work towards our goal of making working at heights safer and easier.

A NEW PERSPECTIVE ON FACADE ACCESS

Every building or structure is unique, thus demands specific solutions for facade maintenance. That is why XSPlatforms offers tailor made solutions for your work and safety needs. Solutions with a minimal impact on the structure and architecture of the building. Ranging from a telescopic installation, which retracts into the building, to the smallest detail that prevent damage to the buildings facade.

INNOVATIONS BY XSPLATFORMS

LINKING A BMU TO A BMS PERFECT CONTROL

As building maintenance units (BMUs) get larger and therefore heavier, the ability to control them perfectly is becoming ever more vital. Linking the installation to a Building Management System (BMS) is the answer to stay in control.

For installations that require more accurate control and diagnostic possibilities, XSPlatforms uses HMI-PLC technology to link the building maintenance unit to the building management system. An example

is Dubai's Jewel Tower, for which XSPlatforms built the largest building maintenance unit in the United Arab Emirates. This telescopic installation has a total boom length of 47 meters (154.2 ft) and a vertical stroke of 1,5 meters (4.9 ft). Combined with a telescopic gondola, this makes it possible to reach every single corner, including receding facades of the building.

All this makes the BMU more flexible, but it also makes controlling the BMU extrachallenging. Through

the PLC technology, the building management system can continually track the installation's exact position, as well as the speed and direction of movement of both gondola and roofcar. In addition, the PLC has diagnostic functions and can check systems for faults. Another useful option is the possibility to inspect and service the installation with the help of XSPlatforms' headquarters in the Netherlands over an Internet connection.

WEATHERPROOF GONDOLA



"If you have seen one, you have seen them all!" Not with the arrival of the weatherproof gondola of XSPlatforms. It provides a spacious working place at height and is easy to operate. The first gondola designed to shield users from adverse weather conditions, enabling them to work safely even under conditions that would otherwise have made work impossible. This gondola not only offers a practical solution, but it combines functionality with design. A gondola which looks good and does not disfigure a building's looks.

WIRELESS ROOFCARS

Not just standing out when it comes to design, XSPlatforms is also ahead when it comes to communication.

Traditionally, the electronics of gondolas and roofcars are connected by one control cable, enabling users to control the movement of the roofcar. At heights of 60 meters (196.9 ft) and more, this calls for special conductor cables. These are expensive, and installation is labor-intensive. XSPlatforms equipped the latest generation of gondolas with technology for wireless communication with the roofcar. This saves costs. After all: there is no longer a control cable that needs to be serviced, maintained or replaced.

NORTH LANTAU HOSPITAL

On the Lantau Island an 8 storey, 52 meters (170 ft) high, hospital building is rising. Comprising 160 inpatient beds, a operating suite, an emergency department, medical imaging, a pharmacy and major outpatient services. The total construction floor area is approximately 43,000 m² (462,848 ft²).



LOCATION:

LANTAU ISLAND,
HONG KONG

Year: 2013

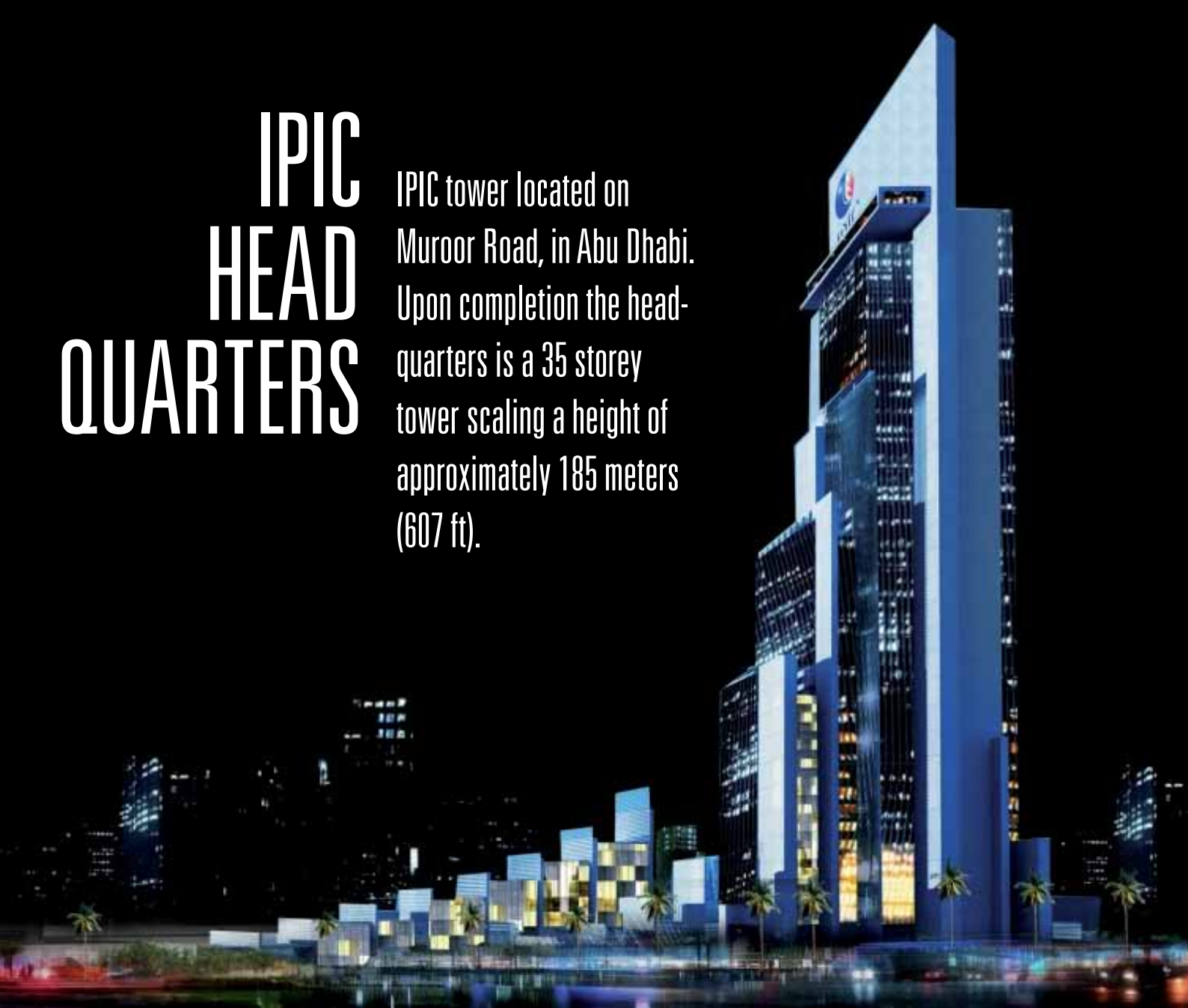
Number of units: 1 traversing roofcar

SPECIFICATIONS:

- Horizontal outreach of 13 m (42.6 ft)
- Vertical stroke of 3,8 m (12.4 ft)
- Moveable counterweight
- Pantograph gondola with reach of 2 m (6.6 ft)

IPIC HEAD QUARTERS

IPIC tower located on Muroor Road, in Abu Dhabi. Upon completion the headquarters is a 35 storey tower scaling a height of approximately 185 meters (607 ft).



International Petroleum Investment Company

LOCATION:

ABU DHABI,
UNITED ARAB
EMIRATES

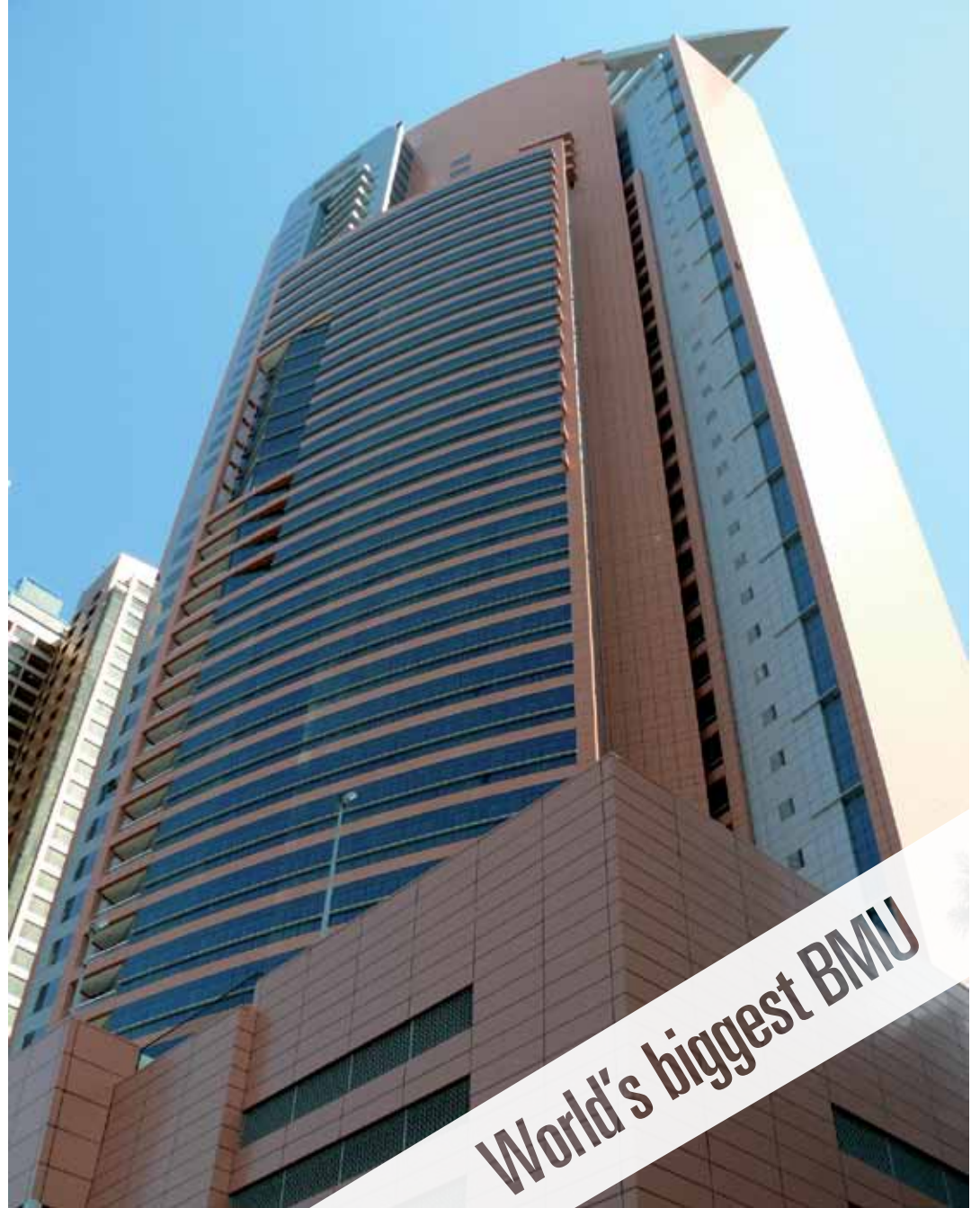
Year: 2011

Number of units: 3 traversing roofcars and 1 monorail system

SPECIFICATIONS:

- Telescopic and fixed jib roofcars
- Horizontal outreach of 23,5 m (77.1 ft)
- Vertical stroke of 8 m (26.2 ft)
- Glass replacement units with max. load of 1200 kg (2645.5 lbs)
- Pantograph gondola with reach of 2 m (6.6 ft)





World's biggest BMU

DUBAI JEWEL TOWER

Dubai Jewel Tower is 41 storeys high, a total of 190 meters (623 feet). Consisting of retail outlets on the ground and mezzanine floors, 12 storeys of commercial space and 28 storeys of residential space comprising of 1, 2, 3 and 4 bedroom apartments and 2 high-end penthouses.



LOCATION:

DUBAI,
UNITED ARAB
EMIRATES

Year: 2008

Number of units: 1 fixed roofcar

SPECIFICATIONS:

- Total boom length of 47,0 m (154.2 ft)
- Vertical stroke of 1,5 m (4.9 ft)
- Moveable counterweight
- Heavy pantograph with reach of 4,5 m (14.7 ft)

QP DISTRICT

The QP District roughly covers 693,400 m² (7,463,695 ft²) and consists of nine office towers and a five star hotel. The total complex varies in height from 21 to 52 storeys, a maximum height of 223 meters (731 feet). Upon completion, the towers will serve as the headquarters of Qatar Petroleum.

LOCATION:

DOHA, QATAR

Year: 2012

Number of units: 8 fixed and 3 traversing roofcars

SPECIFICATIONS:

- All roofcars are telescopic
- Jibs under fixed angle of 6°
- Max. horizontal outreach of 34,0 m (111.5 ft)
- Max. vertical stroke of 6,8 m (22.3 ft)
- Glass replacement units with a max. load of 350 kg (771.6 lbs)



NATION TOWERS

The two towers are located directly at the Abu Dhabi Corniche and are 51 and 64 storeys high. Its highest point is 268 meters (879 feet). The Nation Towers will have apartments, offices, a shopping mall and a hotel. Both buildings are connected with a skybridge at a height of 202,5 meters (664 ft).



LOCATION:

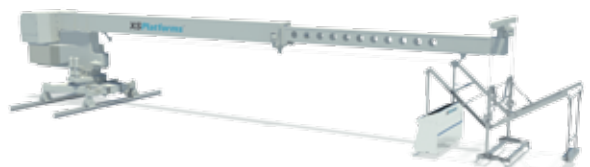
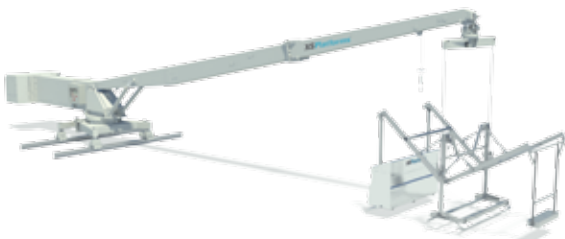
ABU DHABI,
UNITED ARAB
EMIRATES

Year: 2011

Number of units: 5 traversing roofcars, 2 monorail systems and 1 gantry

SPECIFICATIONS:

- Telescopic and fixed jib roofcars
- 1 horizontally telescopic (17 m/55.8 ft) roofcar
- 4 fixed jib roofcars with a max. outreach of 22,5 m (73.8 ft)
- Max. luffing angle of 14°, 40° and 47°
- Glass replacement units with a max. load of 300 kg (661.4 lbs)
- Adjustable pantograph gondolas (2,2 m/7.2 ft)



GATE DISTRICT

Located on the Al Reem Island, the Gate District has a total of 6 towers, ranging in height from 22 (Arc Tower) to 74 storeys (Sky Tower). The Sky Tower reaches a height of 312 meters (1023 feet). Part of The Gate Towers is the world's highest penthouse bridge structure, for residential development, situated at a height of 245 meters (804 ft).



LOCATION:

ABU DHABI,
UNITED ARAB
EMIRATES

Year: 2011

Number of units: 11 traversing roofcars and 4 monorail systems

SPECIFICATIONS:

- 7 x fixed jib with outreach of 4,3 m (14.1 ft)
- 2 x fixed jib with outreach of 10 m (32.8 ft)
- Max. luffing angle of 30°
- 2 x telescopic jib with outreach of 13 m (42.7 ft)
- Glass replacement units with a max. load of 350 kg (771.6 lbs)



JABAL OMAR

In the heart of Mecca the site of Jabal Omar is on a mountainous terrain overlooking the Al-Haram, the Muslim holy site in Mecca. The project area has a total gross size of 879,000 m² (9,461,477 ft²) and consists of seven apartment towers (35 storeys), two hotel towers (50 storeys), a retail concourse (4 storeys) and four hotel blocks (15 storeys).



LOCATION:

MECCA,
SAUDI ARABIA

Year: 2013

Number of units: 17 traversing roofcars and 4 davit arm systems

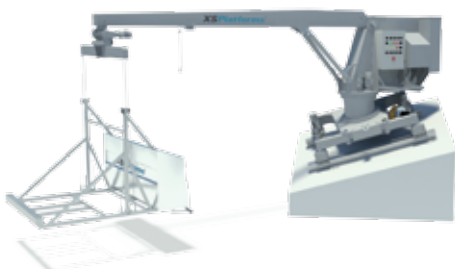
SPECIFICATIONS:

- Telescopic and fixed jib roofcars
- Max. horizontal outreach of 18 m (59 ft)
- Max. luffing angle of 30°
- Glass replacement units with a max. load of 350 kg (771.6 lbs)
- Pantograph gondola with a max. reach of 3,0 m (9.8 ft)



AL BIDDA TOWER

A 215 meter (705 ft) tall, 43 storey tower in the heart of Doha with an unconventional diagonal curtain wall derived from the concept of a tornado with an aggregated nett rentable area of 41,500 m² (446,702 ft²).



LOCATION:

DOHA,
QATAR

Year: 2009

Number of units: 1 climbing roofcar

SPECIFICATIONS:

- Fixed jib with outreach of 7,0 m (22.9 ft)
- Max. luffing angle of 25°
- Traversing under a climbing angle of 20,5°
- Glass replacement unit with a max. load of 160 kg (352.7 lbs)
- Pantograph gondola with reach of 1,5 m (4.9 ft)
- Softrope system to follow the facade with the gondola

SOWWAH SQUARE

Sowwah square is the financial district located in the center of the Al Maryah Island in Abu Dhabi. The Sowwah square comprises of 4 commercial towers, 2 hotels and the Abu Dhabi Stock Exchange. The 4 commercial towers are 30 to 36 storeys high, with a maximum height of 165 meters (541 feet), comprising 285,000 m² (3,067,714 ft²) of office dedicated space.



LOCATION:

ABU DHABI,
UNITED ARAB
EMIRATES



Year: 2010

Number of units: 8 fixed and 2 traversing roofcars
and 3 monorail systems

SPECIFICATIONS:

- 8 fixed + 2 traversing roofcars (all telescopic)
- Max. horizontal outreach of 33,5 m (109.9 ft)
- Max. vertical stroke of 5,3 m (17.4 ft)
- Max. luffing angle of 10°
- Glass replacement units with a max. load of 600 kg (1322.8 lbs)
- 8 units with adjustable gondolas (max. length of 8,5 m/27.9 ft)

ROSEWOOD HOTEL

Right next to the Sowwah Square project, located on the Al Maryah Island in Abu Dhabi, the Rosewood Hotel chain is building a brand new 5-star hotel. The hotel has 34 storeys and is over 143 meters (496 feet) tall and will also feature Sense, a 1672 m² (18,000 ft²) beauty, wellness and fitness retreat.



LOCATION:

ABU DHABI,
UNITED ARAB
EMIRATES

Year: 2012

Number of units: 1 traversing roofcar, 2 ladders
and 1 monorail system

SPECIFICATIONS:

- Horizontal outreach of 13,5 m (44.3 ft)
- Vertical stroke of 2,4 m (7.9 ft)
- Moveable counterweight
- Glass replacement units with a max. load of 250 kg (551 lbs)
- Adjustable pantograph gondola (2,3 m/7.5 ft)



THE VENETIAN



The Venetian Macau is a hotel and casino resort owned by the Las Vegas Sands corporation. The Venetian is a 225 meters (738 feet), \$2.4 billion anchor for the 7 hotels on the Cotai Strip in Macau. The 980,000 m² (10,500,000 ft²) Venetian Macau is modeled on its sister casino resort — The Venetian in Las Vegas — and is the largest single structure hotel building in Asia, the sixth-largest building in the world by area and the largest casino in the world.



LOCATION:
MACAU

Year: 2006
Number of units: 3 traversing roofcars

SPECIFICATIONS:

- Fixed jib with outreach of 21,5 m (70.5 ft)
- Max. luffing angle of 14°
- Pantograph gondola with reach of 2 m (6.6 ft)

Year: 2011
Number of units: 2 traversing gantries

SPECIFICATIONS:

- 1 rotating gantry over a 25 m (82 ft) dome
- 1 traversing gantry with a length of 11,6 m (38 ft)

TORNADO TOWER



The Tornado Tower is a 52 storeys, 200 meters (656 ft) high, tornado shaped building in Doha, Qatar. At night, the tower displays a spectacular light show with up to 35,000 different combinations of lights. This makes it a beacon for the West Bay and the whole city of Doha.

LOCATION:

DOHA,
QATAR

Year: 2008

Number of units: 1 traversing roofcar

SPECIFICATIONS:

- Fixed jib with outreach 12,8 m (41.9 ft)
- Max. luffing angle of 31°
- Glass replacement unit with a max. load of 400 kg (881.8lbs)
- Pantograph gondola with reach of 2,3 m (7.5 ft)
- Softrope system to follow the facade with the gondola

OLAYA TOWERS



Between Olaya and King Fahd road, in Riyadh city, stand twin office towers named the Olaya Towers. The total height of the towers are 34 and 36 storeys with a maximum height of 180 meters (590 feet). The towers will include mezzanine, four basements and a parking.

LOCATION:
RIYADH,
SAUDI ARABIA

Year: 2012

Number of units: 4 traversing roofcars and 6 monorail systems

SPECIFICATIONS:

- 2 roof and 2 parapet mounted roofcars
- Fixed jib with a max. outreach of 8,5 m (27.8 ft)
- Max. luffing angle of 35°
- Pantograph gondola with reach of 1,5 m (4.9 ft)



CENTRAL PARK DISTRICT 08

LOCATION:

DUBAI,
UNITED ARAB
EMIRATES

Year: 2010

Number of units: 6 fixed and 6 trackless roofcars

SPECIFICATIONS:

- Telescopic and fixed jib roofcars
- Integrated into the buildings design
- Max. horizontal outreach of 28,3 m (92.8 ft)
- Max. vertical stroke of 12 m (39.4 ft)
- Max. luffing angle of 60°
- Glass replacement units with a max. load of 320 kg (705.5 lbs)



The Central Park office towers are a key landmark in Dubai's International Financial Center. The 2 towers - one residential and one office tower - are 294 meters (964 ft) high and each contain 49 storeys. The towers spread over an area of 28,825 m² (310,270 ft²).

EMIRATES PARK TOWERS

Just 26 meters (85.3 feet) shorter than the Empire State Building, the Emirates Park Towers are the tallest hotel buildings in the world. The hotel hosts a total of 1606 rooms, 9 restaurants and 5 lounges. With 77 storeys each, both towers have a total height of 355 meters (1165 feet).



LOCATION:

DUBAI,
UNITED ARAB
EMIRATES

Year: 2010

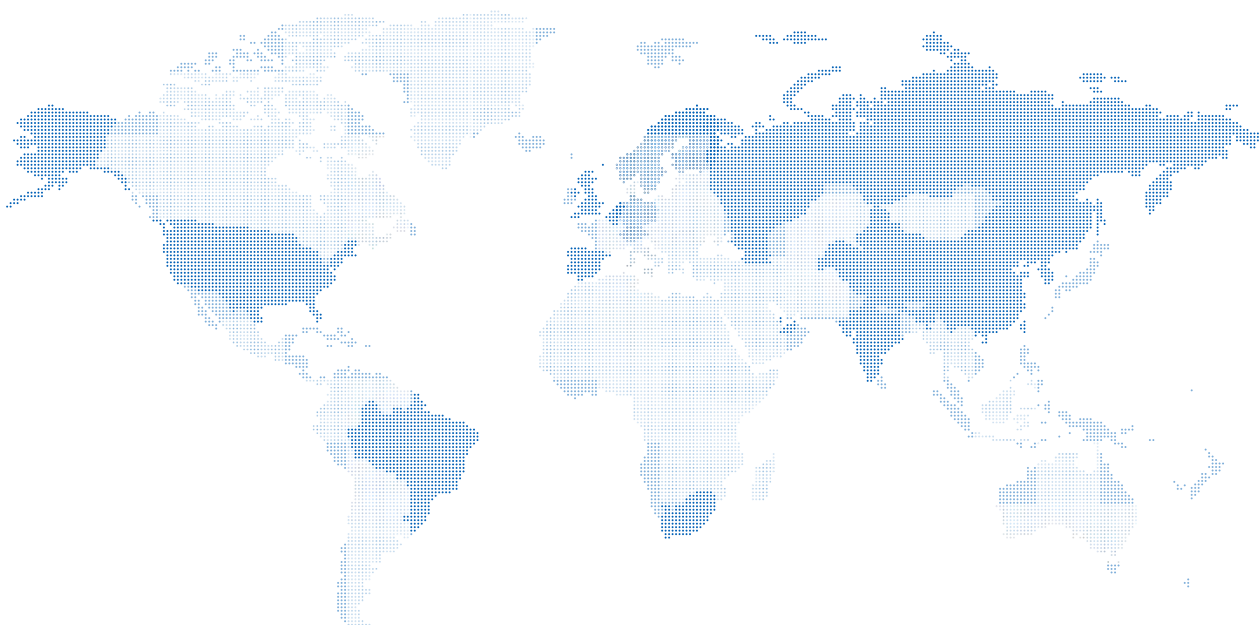
Number of units: 6 traversing roofcars and 1 monorail system

SPECIFICATIONS:

- Fixed jib with a max. outreach of 16,0 m (52.5 ft)
- Max. luffing angle of 27°
- Glass replacement units with a max. load of 1000 kg (2204.6 lbs)
- Standard and adjustable pantograph gondolas (4,2 m/13.7 ft)

About XSPlatforms

XSPlatforms develops revolutionary solutions for working at height safely and efficiently. From design and production, to installation, inspection and maintenance of systems for facade access. From its branches in Western Europe, Asia, the Middle East and North America, XSPlatforms also provides training for users, risk inventories and worldwide constancy services.



What sets XSPlatforms' solutions apart is their attractive, durable design, their high level of reliability, their unprecedented ease of use and their practical innovations. Our portfolio includes:

FALL PROTECTION

Maximum permanent protection is offered by our guardrails and lifeline systems. With minimum damage to roofs and rapid assembly our products for portable fall protection are amongst the finest systems in the world. All fall protection solutions are designed with the user in mind: practical, safe and intuitive.

FACADE ACCESS EQUIPMENT

Safety regulations get more strict everywhere. To ensure a minimum impact on the architectural value of a building, our durable building maintenance units are tailor made, adapted to a building's specific characteristics. With state-of-the-art technologic features, our gondolas and roofcars offer optimum protection to the user.

SUSPENDED PLATFORM SYSTEMS

The best yesterday, isn't good enough today. With that in mind our team of designers have come up with a new, patented design for scaffolding systems. Safer upon erection, during use and when dismantling. This revolutionary system offers users more freedom of movement, safer use and easier transport.

SCAFFOLDING SYSTEMS

Scaffolding systems that are easier and safer to erect than anyone thought possible. Systems that combine the advantages of scaffold towers and walk-through scaffolding, while providing users with optimum flexibility and safety.



The Netherlands (HQ) - Europe, Asia, Middle-East and North-America

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