

The logo for Titan cradles, featuring the company name in a white sans-serif font on a dark blue background. The word 'Titan' is on the top line and 'cradles' is on the bottom line. To the right of the text is a white graphic element consisting of two vertical bars and a right-pointing chevron.

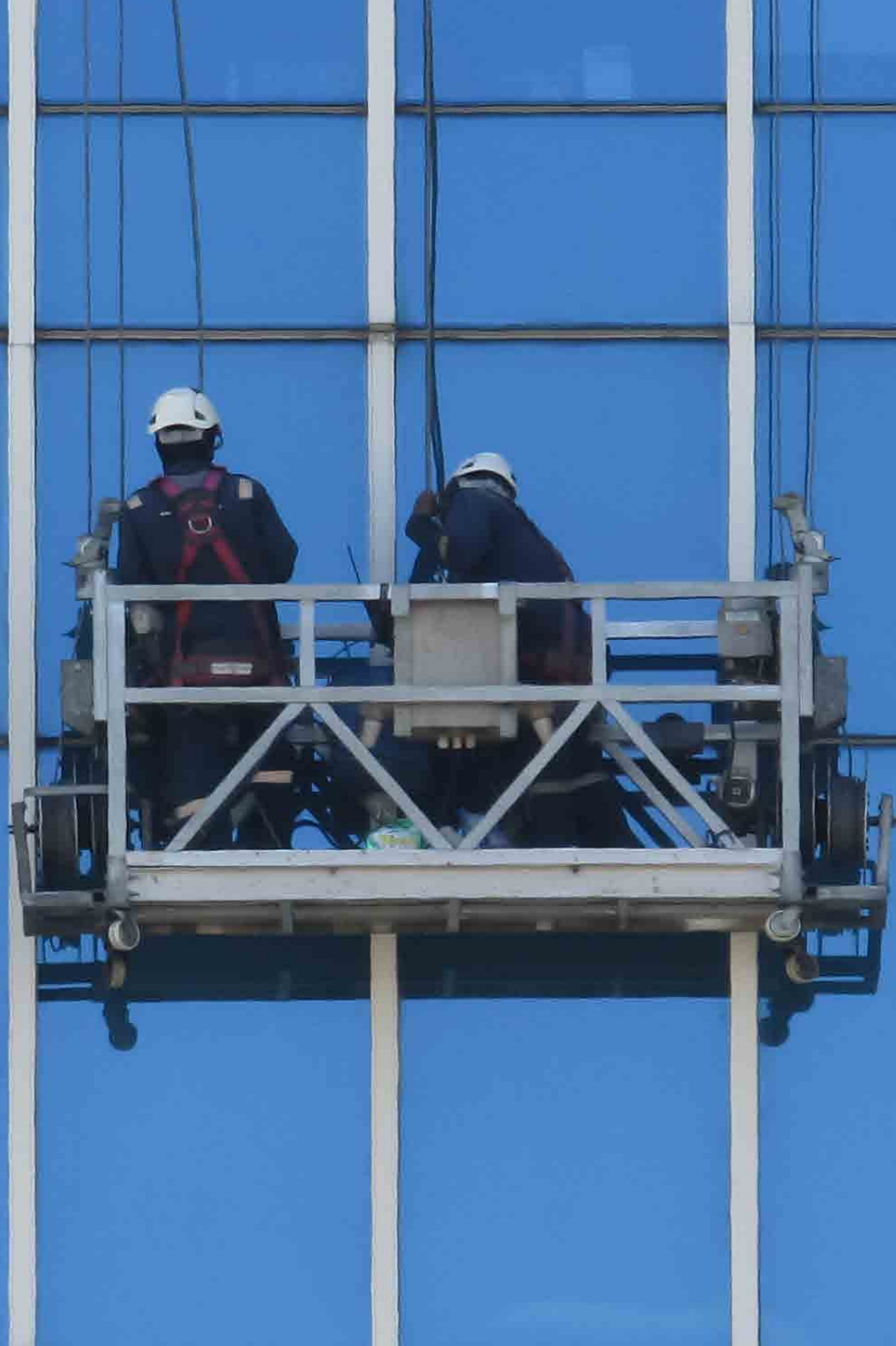
Titan
cradles

The background of the slide is a composite image. The top left shows a close-up of a building's exterior with a suspended access platform (cradle) attached. The rest of the image is a low-angle, upward-looking view of several modern skyscrapers in a city, with a bright sun and a faint rainbow visible in the sky between the buildings.

SPECIALISTS IN ACCESS SOLUTIONS

Rentals, Sales, Supply, Installation and Maintenance
of all types of suspended cradles, winches and other access solutions

ABOUT US



WHO ARE WE?

We are Titan Cradles

Titan Cradles are specialists in renting, sales, supplying, installing and maintenance of all types of suspended cradles nationwide throughout UAE.

Our suspended cradles are used throughout a number of industries from major building projects to repairs and maintenance of existing structures. We have over 350 units, 25+ electrical Winches, 30+ certified technicians and qualified site engineers all working together with one goal in mind- to deliver on our promises in a timely manner.

Furthermore, We do installation of temporary monorail with Heavy duty I beam system. These can be specially designed as single and double track for each- electric winches and for cradles with trolleys.



WHY CHOOSE US?

- Flexible Annual Maintenance Contract (AMC)
- Non AMC maintenance options
- Timely Delivery
- Free Survey
- Flexible On Call service
- We provide third party certification
- All kinds of spare parts
- Motorized Cradle Rental of varied size choices
- Outright sales of cradles
- Monorail with cradle erection

PERMANENT SYSTEMS



PERMANENT SYSTEMS

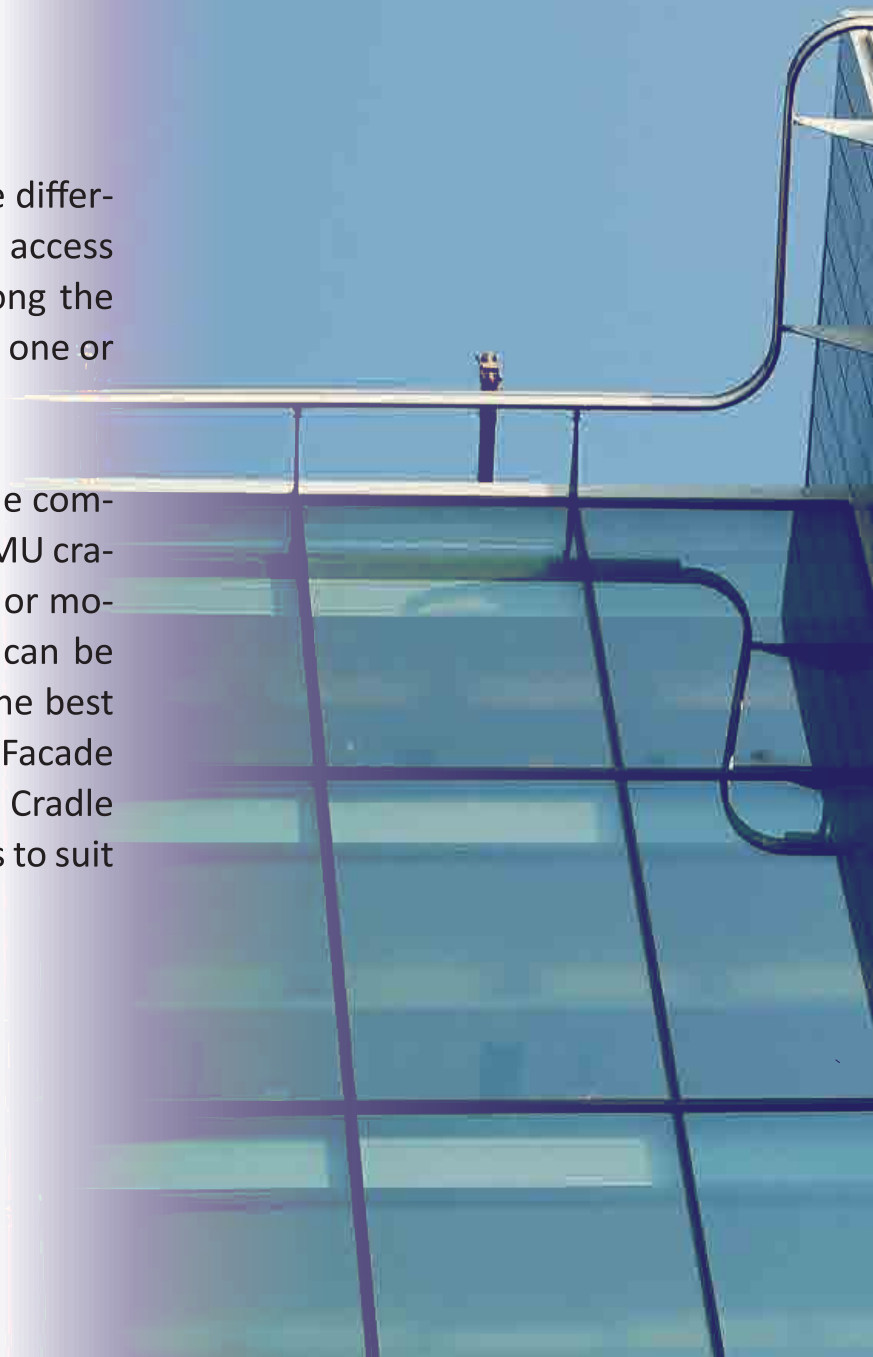
We offer a complete and varied range of permanent access solutions whether they are compact, hidden, or with extensions or even if they need to be stationary or mobile. Whatever the requirements, our team of highly experienced technicians along with certified quality materials are here to meet any and all of those needs.

We have a very wide range of monorail products and offer the best solutions on the market. No building is too complex or unconventional for Titan Cradles. The monorails can be mounted to the ceiling or the parapet of a building to conceal it or to promote the architectural design.

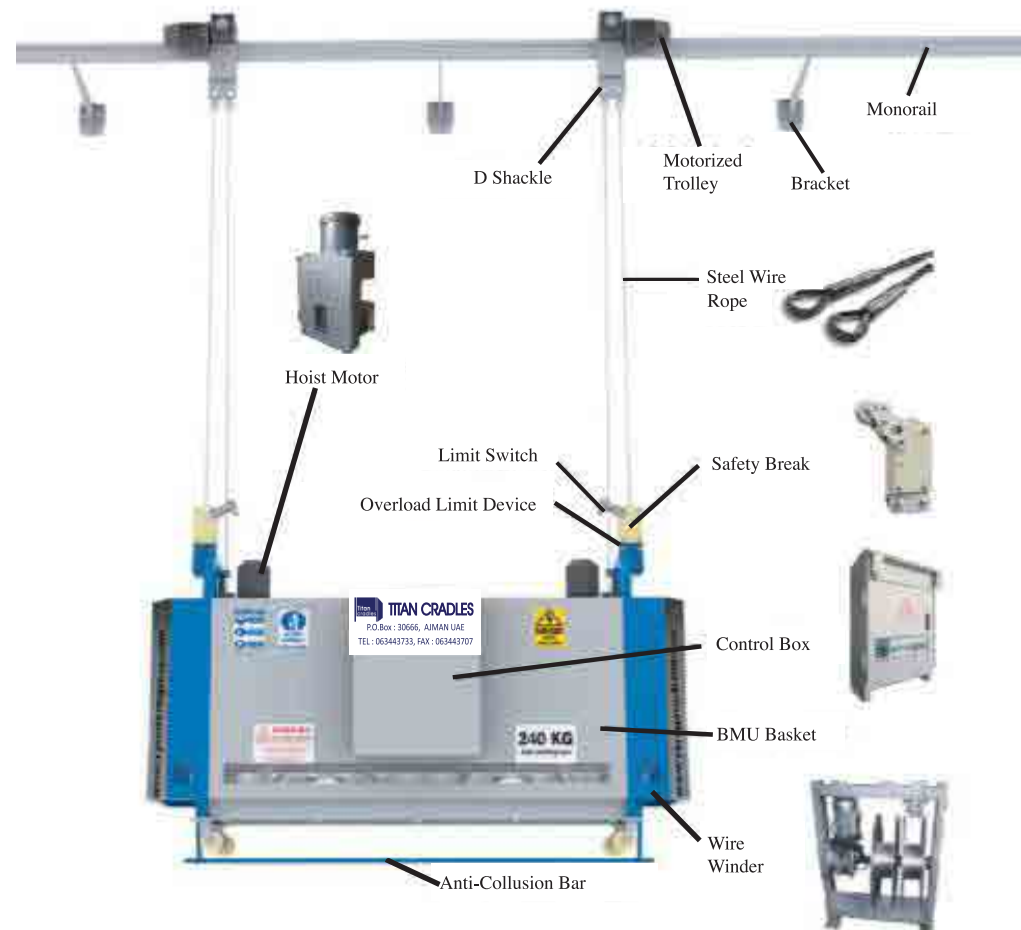
BMU Monorail Track System

Monorails are a very good solution for buildings where the roof have different elements that make impossible the installation of other façade access systems. A monorail normally needs the installation of brackets along the entire building and it always demands the use of powered cradles for one or two people

Titan Cradle Monorail systems comprises of an aluminum track profile complete with Suspended trolleys and are used in conjunction with the BMU cradles. Suspension trolleys travel along a monorail with either manual or motorized trolleys, usually at the top of the building and BMU cradle can be lowered to the required level for access to the façade. It is usually the best option when there is a limited roof space in the building. We offer Facade Access BMU Cradle Monorail systems such as externally fixed BMU Cradle Monorail systems & Internal concealed BMU Cradle Monorail systems to suit the architectural & structural requirements.



Main Parts



Weight :	6.27 kg/m
Dimension :	6000mm x 40mm x 127mm
UTS :	240 N/M2
Elongation % in 50mm :	11%
Material :	Aluminium

BMU Basket

Specially designed BMU cradles are meant to be extremely lightweight and stable. In combination with a safety device-mounted on a secondary wire rope these cradles ensure complete safety to the operator. Additionally, two adjustable rollers rest against the facade to prevent from swinging and excessive swinging. In case of any power failure, the centrifugal brakes can be used to lower the unit in a controlled manner to avoid any long delay in rescue.

Features

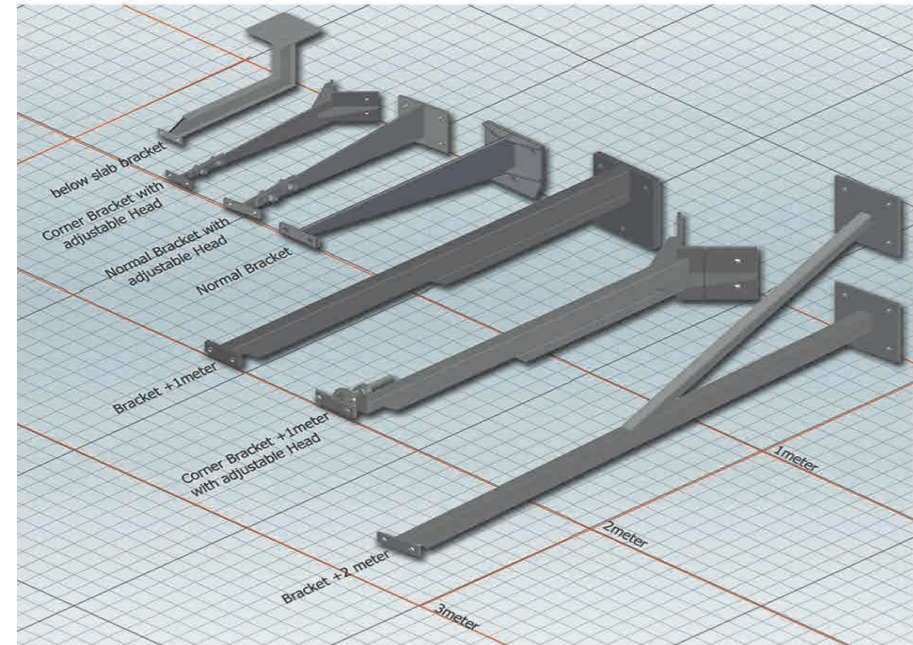
- Lower limit safety switch
- Cradle rotation safety switch
- Emergency stop switch
- Over-Speed Safety Switch
- Transmission chain detector control
- End of wire rope safety switch
- Upper limit safety switch
- Approach system safety switch
- Slack wire rope safety switch
- Overload control
- Power cable limit switch

Load Capacity :	240 KG
Weight :	300 KG
Vertical Speed :	9m/min
Translation Power :	Electrical Cable
Power Supply :	380v, 50/60hz, 4kw
Type of Control :	Electrical Circuit
Basket Dimensions :	2600 x 690 x 1500mm
Wire winder Capacity :	Upto 200mtr



Bracket Types

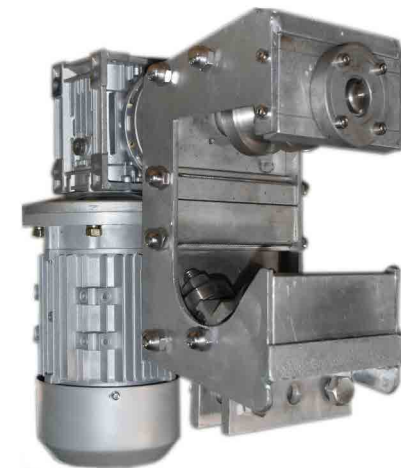
Depending on the height, architectural complications and duration, we are highly qualified to design different types of suspension frames for the window cleaning systems



Motorised Trolley

Trolleys are designed for single or double suspension systems, to move smoothly around the curves of buildings. The motorized trolley is used for high capacities and automated motions

Load Capacity :	240 KG
Weight :	14 KG
Vertical Speed :	9m/min
Translation Power :	Electrical Cable
Power Supply :	380v, 50/60hz, 4kw
Type of Control :	Electrical Circuit
Basket Dmiensions :	2600 x 690 x 1500mm
Wire winder Capacity :	Upto 200mtr

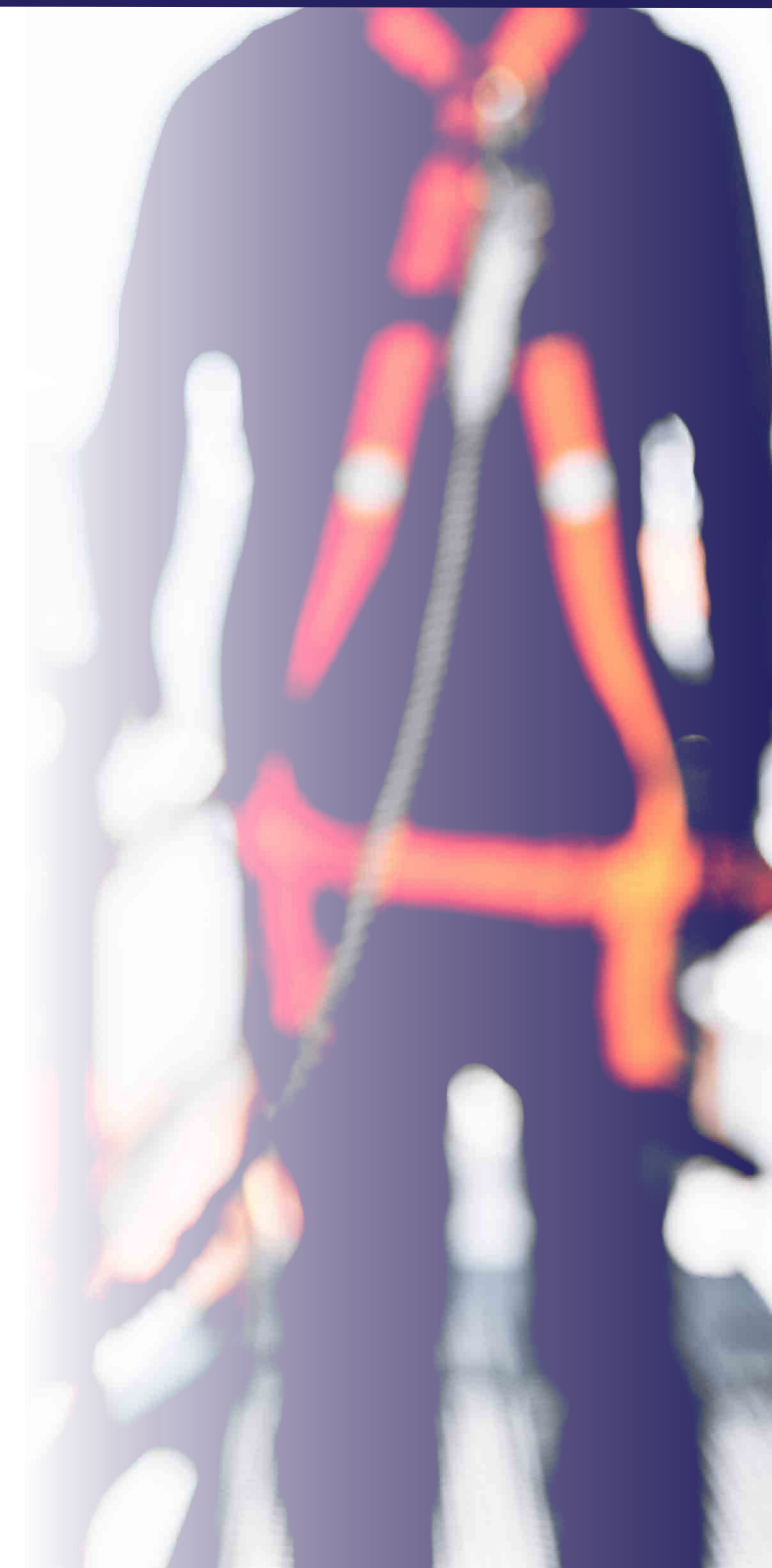


Lifeline System

Horizontal lifeline systems are designed to provide safe access to any area of a roof by allowing workers to be permanently attached to the line at all times. It also incorporates PAS or Progressive Absorbing System, if the user falls, the shock absorbers, brackets and support posts will deploy so that the loading applied to the building structure is below 10kn.

Features

- Personal fall protection system designed for roof installation and horizontal or overhead applications
- Tested on multiple roof types
- Traveler can pass through the whole length of the system without having to be detached at any point
- Specific membrane roof base plate and posts allow simple weathering installation
- Galvanized mild steel or stainless steel parts
- Base plate allow multiple fixing options
- Proven fall protection system meeting all legislative requirements
- Safety assurance that the system is fully functional on all approved surfaces
- Minimizes the number of post and roof fixing requirements
- In the event of a fall posts are designed to minimise the load applied to building to below 10Kw
- Saves installation time and reduces project costs
- Long term corrosion resistance



Rope Access System

Rope access systems are the ideal solution where the building design does not lend itself to installation of a full permanent access system or would be incapable of bearing the load of a large counter balanced machine.

The rope system allows access to building exteriors through industrial rope access-technology. We can advise on the design and installation of such systems to allow suitably trained operatives to use them correctly. Our range of rope access systems includes:

Rope Access Track Systems

- Suitable for buildings with large expanses of facade
- Monorail-based system for ease of movement along facade
- Suitable for facade or soffit mounting
- Eliminates needs for multiple rope rig and de-rig

Rope Access Eyebolt Anchor System

- For buildings with smaller areas of facade
- Suitable for face, roof or soffit mounting
- Suitable for fixing to concrete, masonry or steelwork
- Roof-mounted systems work in conjunction with parapet protection measures
- Eyebolts spaced to allow optimal ease of movement between each anchor



Vertical Lifeline System

Strand Polyester Rope

The classic 3 strand line is manufactured using the highest quality materials to produce a rope of the highest quality with the perfect flexibility and firmness. Polyester won't degrade in UV and remains supple and strong even when wet.

APPLICATIONS	Fall Arrest System
CONSTRUCTION	3 Strand Polyester
COLORS	White with Orange
PROPERTIES	No strength loss when wet Soft and flexible, very easily spliced Good abrasion resistance Manufactured to BS EN ISO1141
LENGTHS	Custom

Rope Specifications

- Raw Material : 16mm Polyester
- Weight : 19.4 kg / 100m
- Break Load : 4766 kg
- Breaking Strength : 39.83 KN
- Standard : EN365-2004



Item : XS-115

Description:

SteWallpaper

el carabiner with Screw Lock

Finishing : Steel Chrome Plated

MBS : 25KN

Opening : 18mm

Length : 110mm

Width : 58mm

CE Certification



Item : XS-116

Description:

Steel rope Grab

Finishing : Nickel Chromed

MBS : 15KN

Opening : 12 -16mm

Length : 66mm

Width : 98mm

CE Certification



Item : XS-117

Description:

Steel rope Grab

Finishing : Nickel Chromed

MBS : 15KN

Opening : 12 -16mm

Length : 66mm

Width : 98mm

CE Certification



TEMPORARY ACCESS



TEMPORARY SUSPENDED PLATFORMS

The platforms are made of lightweight aluminium but at the same time maintaining structural strength to the platform. The units are fast and easy to assemble. We at **Titan Cradles** provide reliable performance and value even in tough site conditions.

Our Hoist Motor is supplied with “3 phase AC Electromagnetic Brake” and designed for heavy duty cycles, quick breaking action and constant breaking time. The hoist motors that we provide are closed and externally ventilated, made up of die cast pressed aluminium frame. The platforms are designed to be economical, perfectly safe and easy to maintain and easy to use with a Hoist Motor with a load capacity of 700Kg.

- Stable and secure
- Easy to assemble, operate, maintain and disassemble
- Wide range of accessories
- Made of lightweight aluminium that is corrosion resistant
- Easy to transport
- Anti slipping aluminium platform base
- Soft non-marking facade rollers to protect facades
- IP54 Protection
- Equipped with anti-tilt and anti-arrest safety break devices
- Castor wheel for easy transport

Angular Platforms

- Fixed or adjustable corner sections
- Can be used with more than one corner and side
- Stable, strong and reliable
- From 20 to 90 degrees
- For every type of building



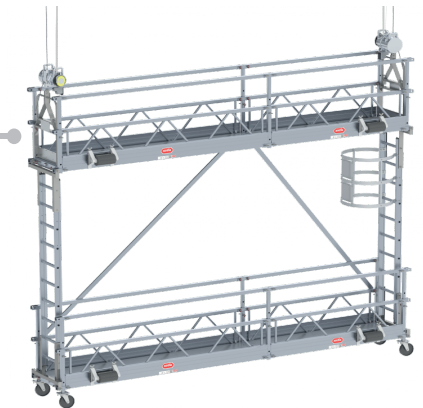
Circular Platforms

- Can be built using adjustable corner sections or specially manufactured as per customer demand
- Can be built using a variable length and sides depending on customer demand
- Stable, strong and reliable
- From 20 to 90 degrees



Double Deck Platform

- Stable, strong and reliable
- 2 working levels
- Upto 6 meters in length
- 2m minimum spacing between platforms



One-Man Cradle

- Stable, strong and reliable
- Ideal for use in narrow places
- Size of platform can be manufactured as required
- Single hosting machine



Single Platform

- Stable, strong and reliable
- Ideal for use in narrow places
- Size of platform can be manufactured as required
- Single hosting machine

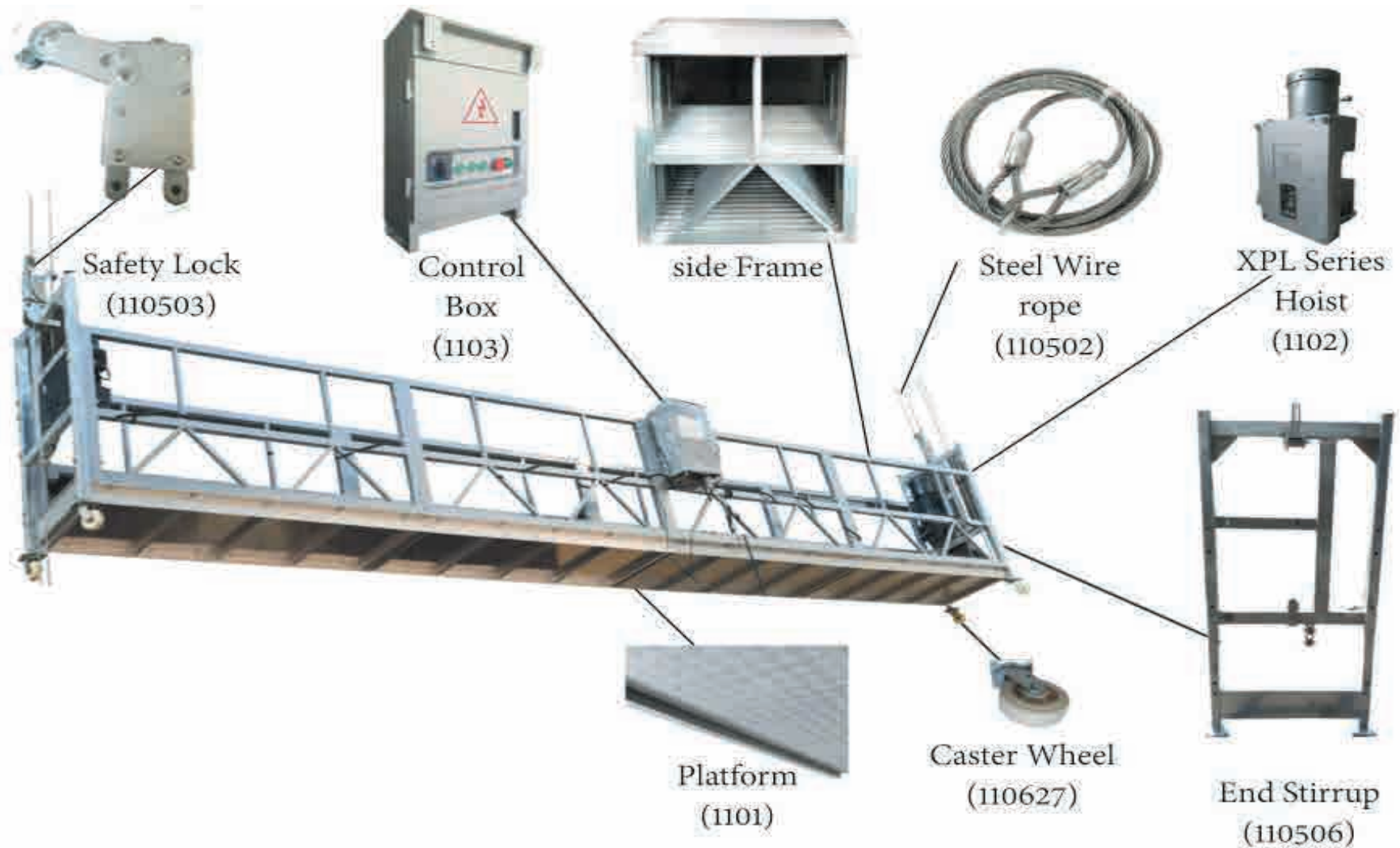


Specifications

National Length	Actual Length	Composition				Weight KG
1 M	1.1 M	1 M				69
2 M	2.1 M	2 M				91
3 M	3.1 M	3 M				118
4 M	4.1 M	2 M	2 M			150
		3 M	1 M			
5 M	5.1 M	3 M	2 M			169
		2 M	1 M		2 M	
6 M	6.1 M	3 M	3 M			200
		2 M	2 M	2 M		
7 M	7.1 M	3 M	3 M	1 M		224
		2 M	3 M	2 M		
		2 M	2 M	2 M	1 M	
8 M	8.1 M	3 M	3 M		2 M	248
		2 M	2 M	2 M	2 M	

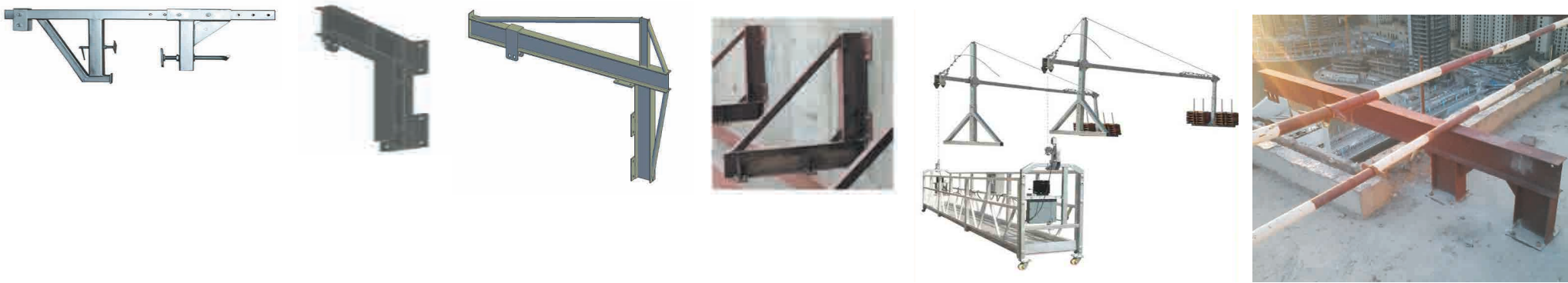
Main Parts

Limited impact design that is suitable to architects that come up with complex facades. The roof machine can maneuver in such a way that all the facades are accessible in a safe manner.



Top Supports

We provide common top support systems in addition to any special requirement or any other Special Application required for any site.



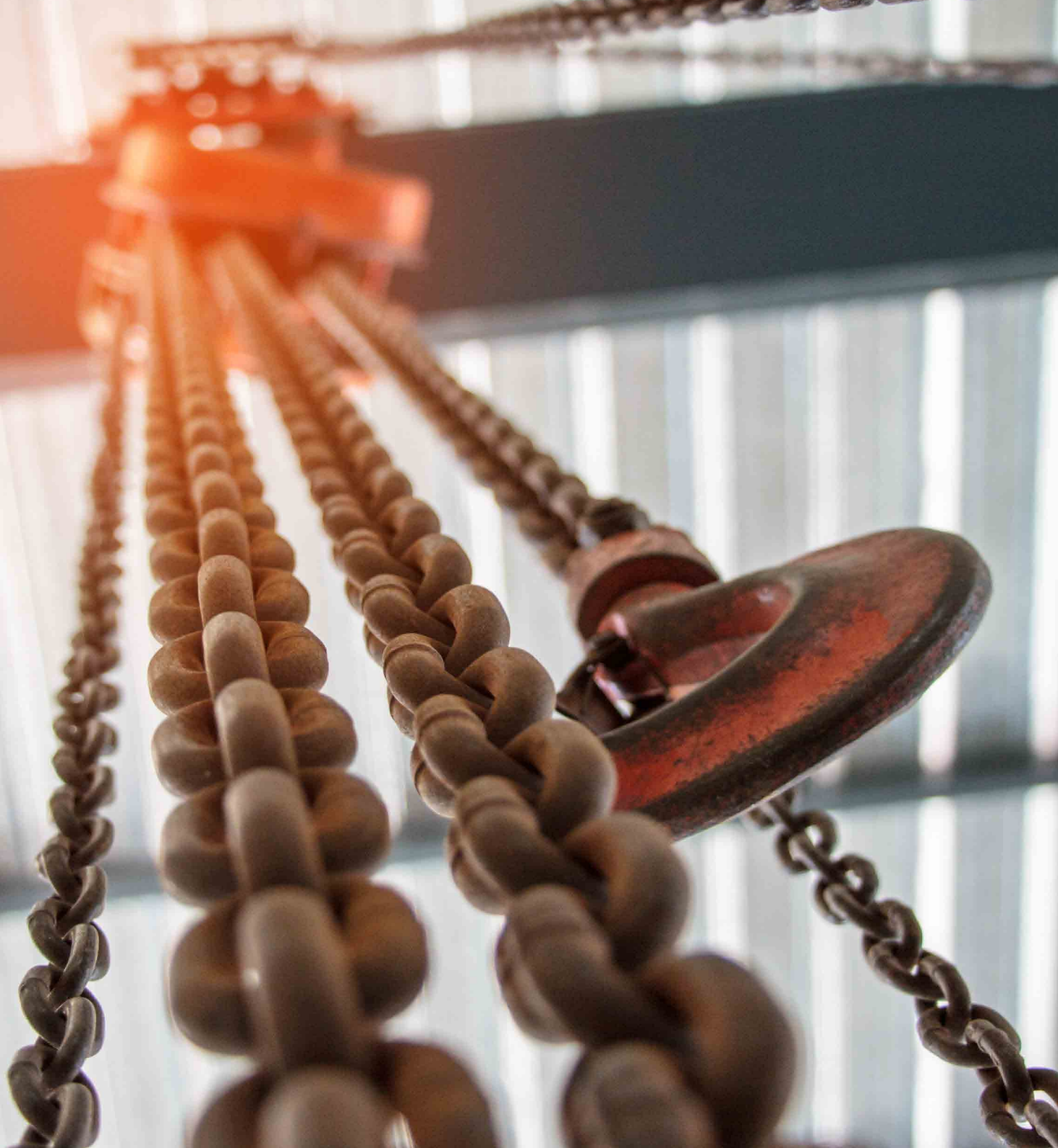
Top Support Devices

These devices are the heavy duty steel frame structures fixed on top of the buildings as the supporting equipment. It is mobile, adaptable and easy to erect or dismantle.

Features

- Easy to transport
- Capable of handling 1ton with the right amount of counter weight
- Modular System
- Disables to fit inside a standad elevator
- Cast iron counterweights fit into slots on frames for positive attachment
- Overhang length upto 3 M
- Height of beam upto 5M
- Weight 200Kg

WINCHES & TROLLIES





WBH - I

Capacity (Ton) :	0.2 - 0.3
Power (Kw) :	0.75 - 3.0
Speed Type :	Single / Dual / Adjusted / High
Lifting Speed :	2.2 - 8.9
Transferring Method :	Fixed / Manual / Electrical



WBH - II

Capacity (Ton) :	2.0 - 5.0
Power (Kw) :	0.6 - 3.0
Speed Type :	Single / Dual / Adjusted / High
Lifting Speed :	1.1 - 8.3
Transferring Method :	Fixed / Manual / Electrical



WBH - III

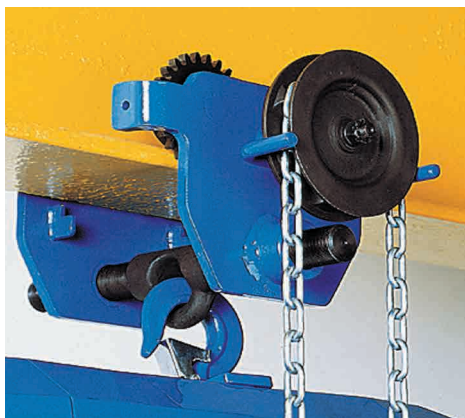
Capacity (Ton) :	3.0 - 7.5
Power (Kw) :	3.0 - 8.0
Speed Type :	Single / Dual / Adjusted / High
Lifting Speed :	0.2 - 6.0
Transferring Method :	Fixed / Manual / Electrical



Motorized Trolley

Model	WLL (tons)	I-Beam recommended A (mm)	I-Beam recommended B (mm)	Weight (kg)
TM 1	1.0	80 - 146	64 - 140	30
TM 2	2.0	80 - 148	76 - 165	38
TM 3	3.0	88 - 168	76 - 203	48
TM 4	5.0	100 - 170	88 - 203	70
TM 10	10.0	122 - 203	125 - 203	130

Manual Trolley



Model	WLL (tons)	I-Beam recommended A (mm)	I-Beam recommended B (mm)	Weight (kg)
TG 1	1.0	80 - 146	64 - 140	14
TG 2	2.0	80 - 148	76 - 165	16
TG 3	3.0	88 - 168	76 - 203	24
TG 5	5.0	100 - 170	88 - 203	36
TG 10	10.0	122 - 203	125 - 203	90

XPL 800 Winch Hoist

The XPL 800 electric hoist with the wire-rope passage is ideal for work at large heights. XPL800 winch hoist is used to supply the work sites with equipment or to be integrated into an industrial application. These can be used for lifting or traction of equipment, with lifting capacity : 800 kg

Technical Specifications

Type :	XPL WT 01
Rated Load (kg) :	800
Motorized Trolley (kg) :	1000
Motor Output (Kw) :	2.2
Lifting Speed (m/min) :	8.6 ± 0.5
Transferring Speed :	8.6 ± 0.5
Power (V) :	380/415
Frequency (Hz) :	50/60
Breaking Distance (mm) (rpm) :	≤ 100
Control Box :	IP66
Transferring Method :	Fixed / Manual / Electrical

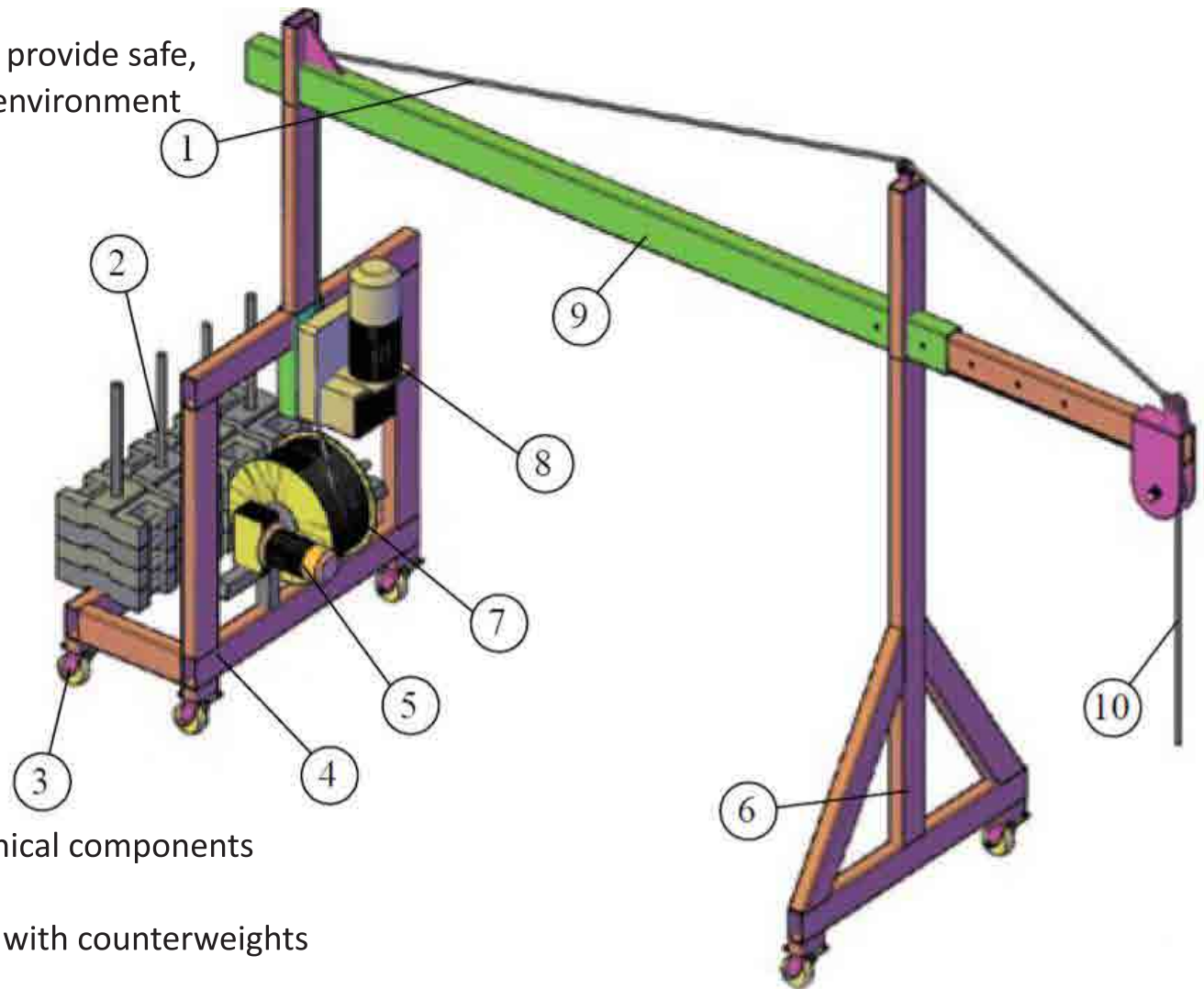
Mobile Counter Weights

Our ergonomically designed winches provide safe, efficient, fast and comfortable work environment

- 1 - Tight Back Set
- 2 - Counterweight
- 3 - Caster weight with brake
- 4 - Back support
- 5 - 0.25KW motor
- 6 - Front support
- 7 - Wire winder with motor
- 8 - Hoist Winch
- 9 - Middle Beam
- 10 - Steel wire rope

Features

- Capacity from 600kg to 1000kg
- Fast, Lightweight & Compact
- Unlimited working height
- Easy access to electrical and mechanical components
- Easy to transport and assemble
- Capable of handling 1 ton each unit with counterweights
- Dissamble to fit standard elevator
- Cast iron counterweights fir into slots on frames for security
- Change length from 1 to 1.8M height under the beam from 1.1 to 1.8M



Glass Vacum Lifter

It can handle larger size glass plates. The pads positions are adjustable on the beams matching the glass shapes & sizes. Extension arms also available for larger dimension and load up to 2 tons.



Technical Data

Type :	BPD-RHS	BPD-RHS	BPD-RHS	BPD-RHS	BPD-RHS
Load (kg) :	750 kg	1000 kg	1500 kg	2000 kg	2500 kg
Suction Pads Diameter :	290 mm	290 mm	290 mm	290 mm	290 mm
Suction Pads Numbers :	8	10	16	24	30
Tilt & Rotation Type :	Manual				
Tilt Angle :	from 0 degrees to 90 degree				
Rotation Angle :	from 0 degrees to 360 degree				
Suction and Release Control :	Manual side valve				
Optional Configuration :	-Vaccum switch by remote -Extension Arm				

CONTACT US

☎ +971 6 744 3733

📱 +971 52 626 2100, +971 52 999 2261

✉ titancradles@gmail.com

📧 P.O. Box 30666

📍 Ajman U.A.E.