

***BUILDING MAINTENANCE UNIT
(Facade Access Equipment)
Introduction & Planning Considerations***

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UNIQUE CARE

BUILDING MAINTENANCE SOLUTIONS



UNIQUE CARE

Shop No. 02, National Complex,
PLOT-B/11 B/12 SEC-6, New Panvel East
Tal : Panvel Dist : Raigad-410206
Cont. – 9321640906, 02227450906
Email : access@uniquecare.in

To,
Our Esteem Client,

Dear Sir/Madam,

Unique Care Company is one of the trusted name in the field of **Designing, Manufacturing and Supplying Complete Building Maintenance Solutions**. Where we as Unique Care look after design, Manufacturing, supply of equipment , Installation, Commissioning & maintenance of equipment, Facade cleaning, Silicon Filling, Housekeeping, Public area cleaning Which is termed as all services under one roof.

It has been always our focus to provide best technology , quality product , Services in terms of customer satisfaction at a competitive price.

Our Sales , engineering , design team has more than 10 years of experience in proposing , designing , supply and successful installation of Building Maintenance Units to very well known clients.

Where as the same time we have skilled manpower to provide AMC cleaning contract in which we do glass façade cleaning and building maintenance.

We are very glad to inform you that in very short span we have successfully established our self as one of the promising manufacturer and supplier when it comes to **“Façade Access and Cleaning Systems”**

Our very strong marketing network along with high end execution team has helped us to successfully install and provide a wide range of Façade Cleaning Systems in India.

We have a strong backup support by leading **European technical collaborators** in this field of providing Façade Access System.

As being one of the most quality and safety conscious organization we look after all the possible parameters to provide safe and quality equipment .Our system follows CE Regulation and International Standard BS EN-1808 for Safety requirements and suspended access equipment, design, calculation, stability criteria , construction tests.

Unique Care as being one of the most prompt and service oriented company is serving to some of the well known and reputed customers like Larsen & Toubro ,Sheth Developers, Intercontinental hotel ‘The Lalit’, TCS Gandhinagar, Le Meridian & Grand Hyatt Mumbai, Beaupride, Unimark Asian Kolkata, Golden Chariot, Wipro Kolkata,

In future we are very much sure that with our hard work and rigorous efforts we will be able to deliver our customers value product to meet their requirements and satisfaction.

We believe in a very strong relationship with our customers while providing them our best services.

We as Unique Care will be very glad to have your valued enquiry for proposing our best possible façade maintenance solutions.

Yours Truly !

Unique Care

Unique Care

SHOP NO.-02, NATIONAL COMPLEX
PLOT-B/11 B/12 SEC-6 NEW PNL-E (M CI)
Ta : PANVEL Di : RAIGARH-410206
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Email : access@uniquecare.in

HEALTH SAFETY AND ENVIRONMENT (HSE) POLICY

“Unique Care” affirms its commitment to provide a safe and healthy workplace to all its employees/ labourforce and ensures that its operations are carried out in a manner that protects the environment and community in general.

Our safety Philosophy.

- ☐ Safety first and execution must.
- ☐ All accidents are preventable.
- ☐ Our manpower is our assets.

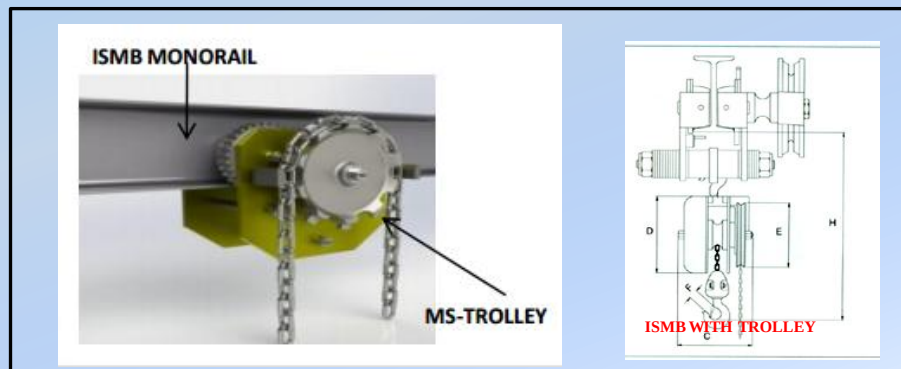
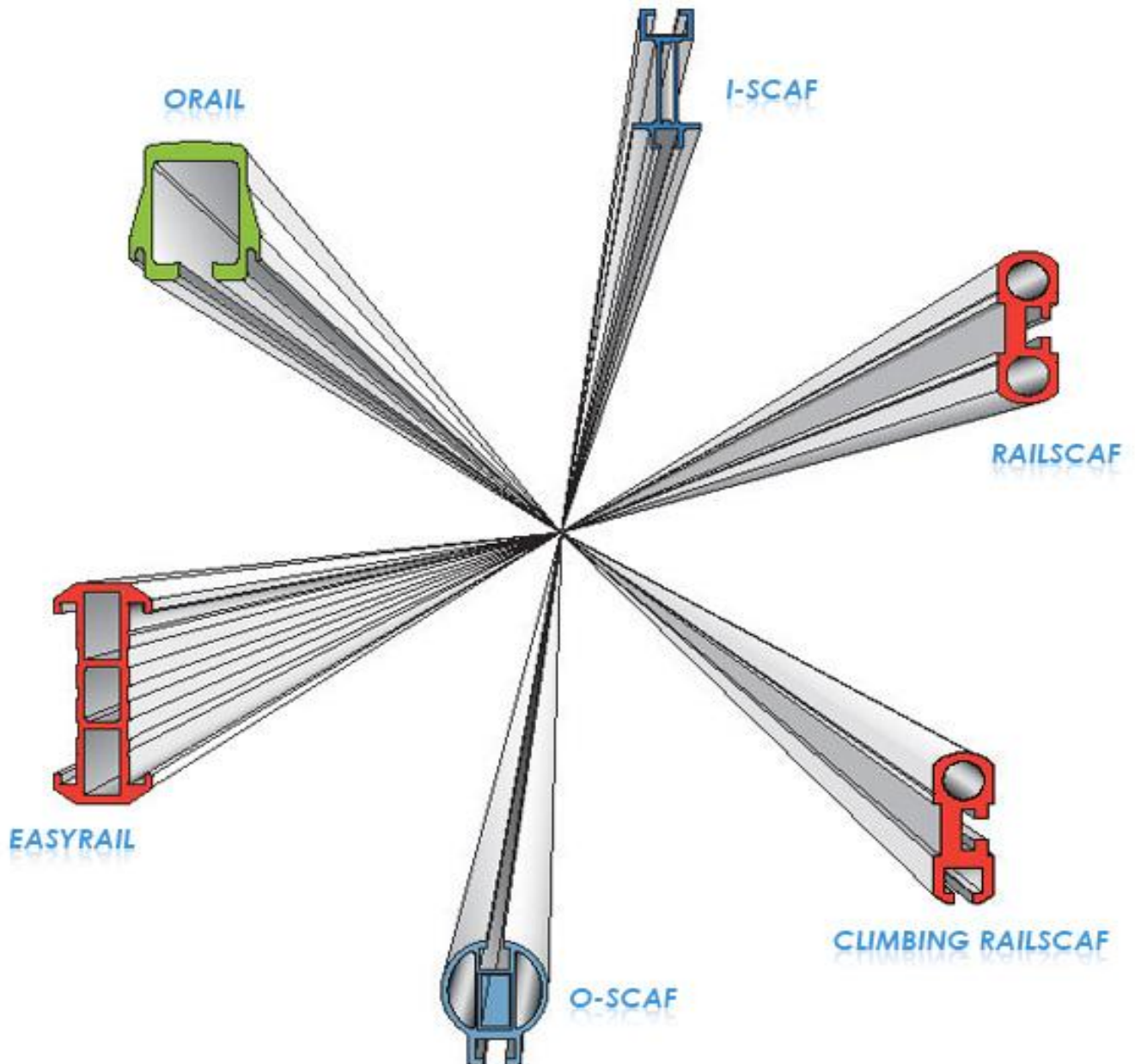
Unique Care believes in amelioration through commitment to community welfare and preservation of environment which are an integral part of its corporate vision”.

Tarun Hazra

Managing Director

Unique Care
Building Maintenance Solutions

TYPES OF MONORAIL

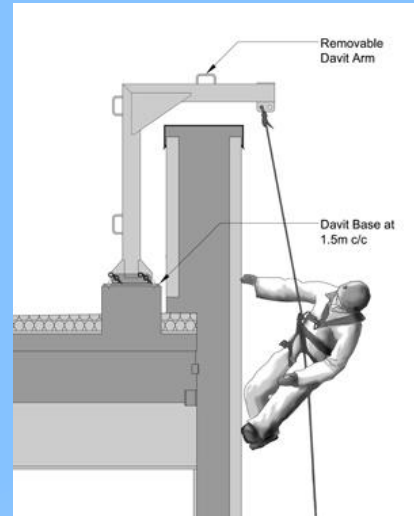


MS-MONORAIL

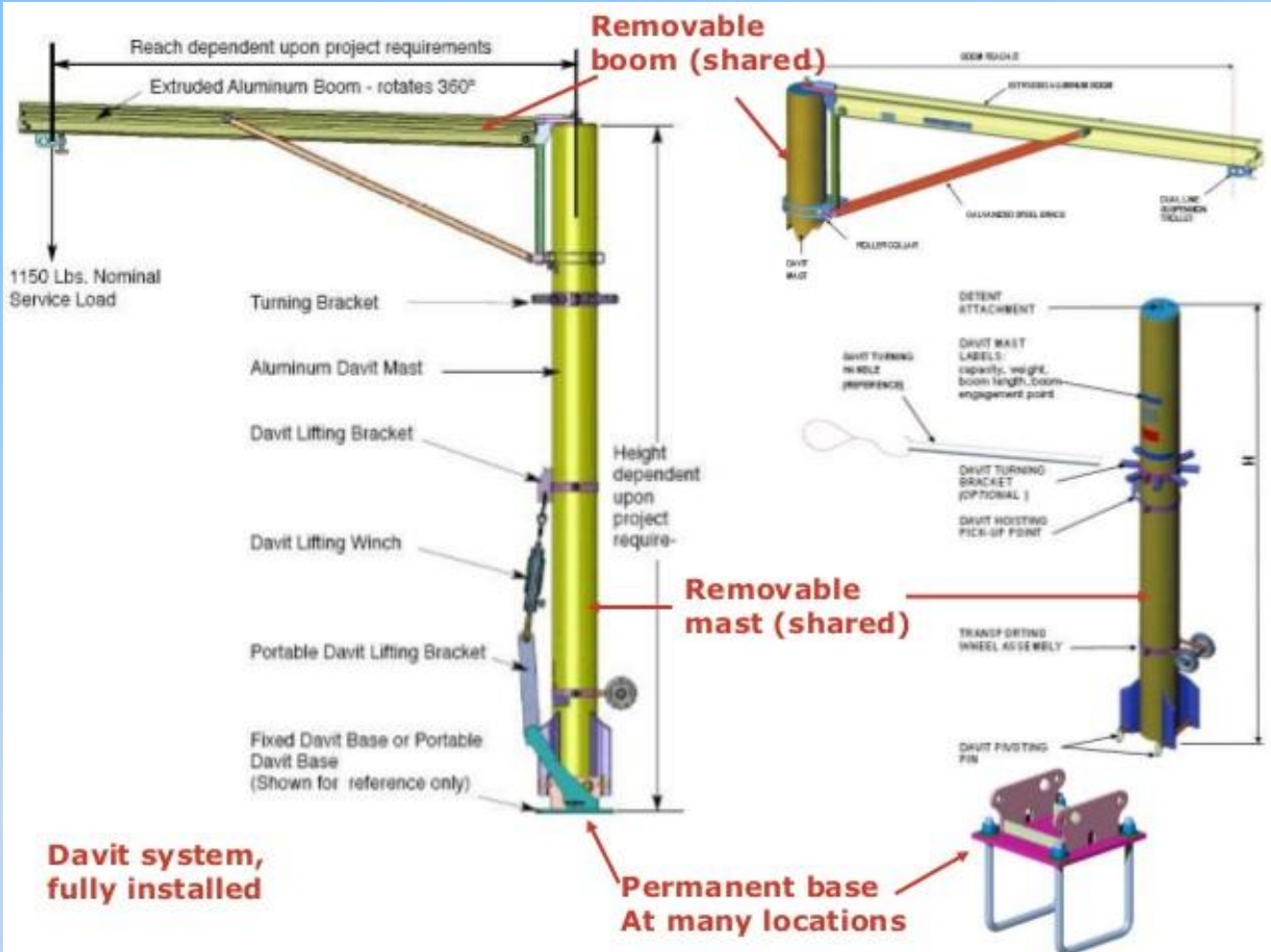
TYPES OF TEMPORARY INSTALLATION



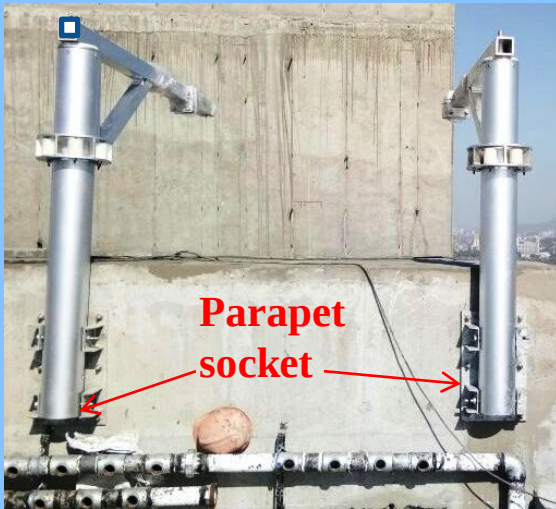
Davit
socket →



FLOOR MOUNTED DAVIT SYSTEM



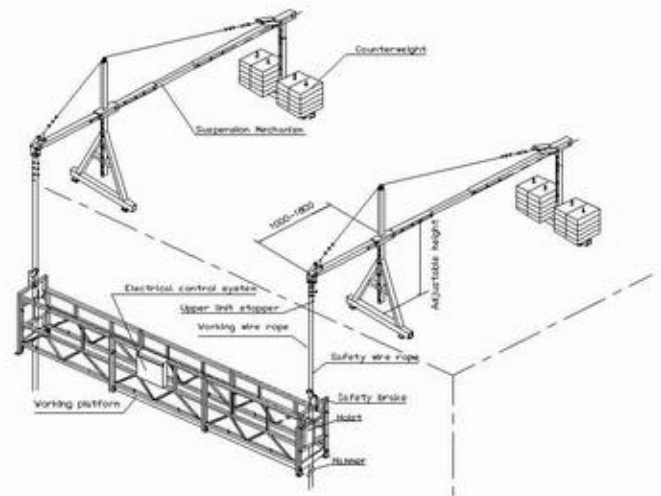
TYPES OF TEMPORARY INSTALLATION



PARAPET MOUNTED DAVIT SYSTEM



PARAPET TRAVERSING DAVIT



DELTA SYSTEM

TYPES OF CRADLES

Subject: Photo of Cradle.



2.0x1.1x0.7M CRADLE



1.25x1.1x0.7M CRADLE



ARTICULATED CRADLE



SUBITO



SOLSIT (POWER CHAIR)

TRAVELING LADDER & GANTRY SYSTEM



GANTRY

TRAVELING LADDER



MOTORIZED TRAVELLING LADDER
MATERIAL : ALUMINIUM
LENGTH : 3 - 12 M
WORKING HEIGHT : NO LIMIT
ECONOMIC SOLUTION FOR CRITICAL
SHAPE OF GLASS FACADE

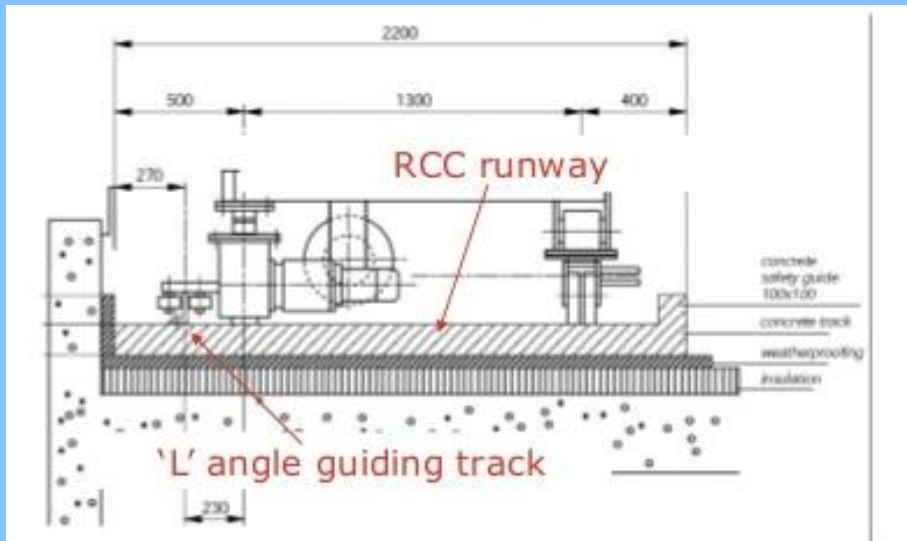


MOTORIZED TRAVELLING LADDER
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LENGTH : 3 - 12 M
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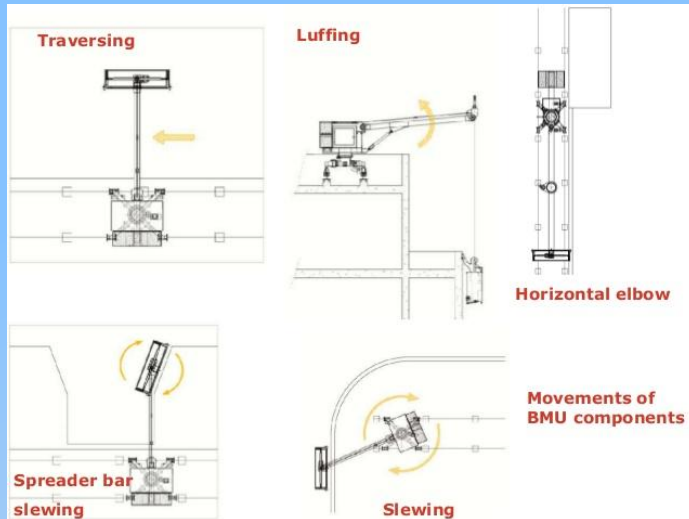


MOTORIZED TRAVELLING LADDER
MATERIAL : ALUMINIUM
LENGTH : 3 - 12 M
WORKING HEIGHT : NO LIMIT
ECONOMIC SOLUTION FOR CRITICAL
SHAPE OF GLASS FACADE

BUILDING MAINTENANCE UNIT



ANGLE GUIDE BMU



REQUIREMENTS OF BMU SYSTEMS:

Monorail systems:

- Floor mount (or) parapet mount
- Structurally sound roof slab & parapets (RCC or steel) – Verify loads!
- RCC pedestals – Verify height & waterproofing
- Advisable to use through-bolting or cast-in bolts inside concrete. (Drill in place or chemical bolts not recommended due to high pullout loads.)
- When sharing cradle with another monorail, need landing space directly below suspension point. Keep ground floor clear at the point of cradle transfer.
- Park at the rear of building (with ropes hanging) **Not recommended.**
- Provide access door at monorail level to remove ropes for clean storage & sharing cradle.
- In variety of finishes: natural aluminium, anodized, powdercoated to RAL color

Disadvantages:

- Cradle sharing is laborious & time-consuming.
- Platform stays at ground floor most of the time.
- Hooking & unhooking of ropes need extra care & access doors.



TWIN TRACK BMU

BUILDING MAINTENNACE UNIT



**FULLY MOTORISED BMU: JIB : 3 - 4 M / 3-8M, WORKING HEIGHT: 110 M/160M
SIZE OF CRADLE : 2X0.7M, SAFE WORKING LOAD : 240 Kg, WHEEL SPAN :
1300 - 1800MM, LIFTING SPEED : 9 M/MIN, TRAVEL SPEED : 8 M/MIN**

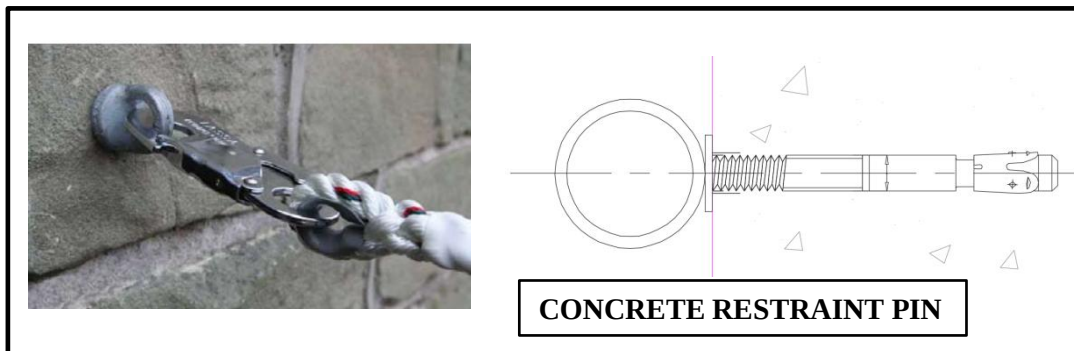
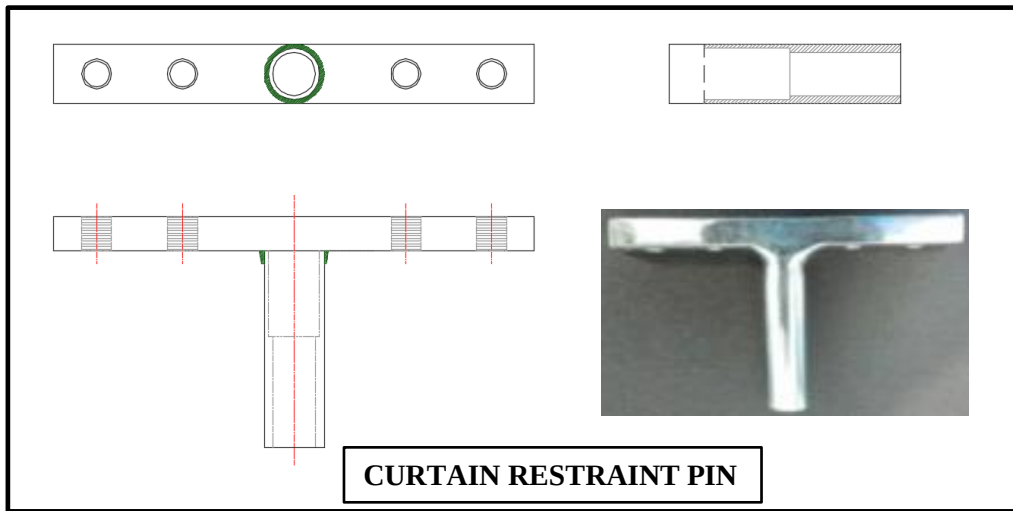


**FULLY MOTORISED BMU JIB: 3-8
WORKING HEIGHT : 160 M
SIZE OF CRADLE : 2X0.7M
SAFE WORKING LOAD : 240 Kg
WHEEL SPAN : 800 - 2000MM
LIFTING SPEED : 9 M/MIN
TRAVEL SPEED : 8 M/MIN**

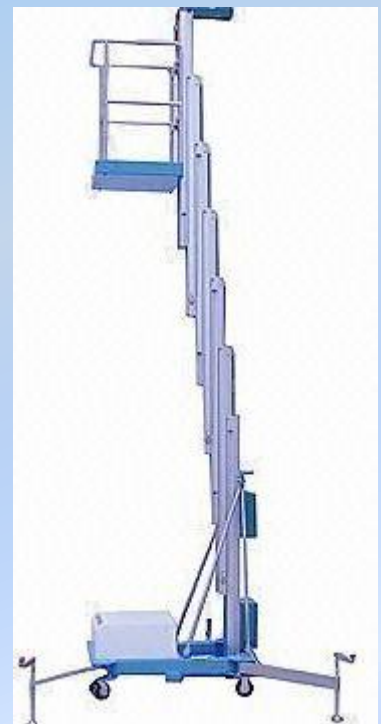
**PARAPET MOUNTED BMU JIB : 3 - 4 M
WORKING HEIGHT : 100 M
SIZE OF CRADLE : 2X0.7M
SAFE WORKING LOAD : 240 Kg
WHEEL SPAN : 800 - 2000MM
LIFTING SPEED : 9 M/MIN
TRAVEL SPEED : 8 M/MIN**



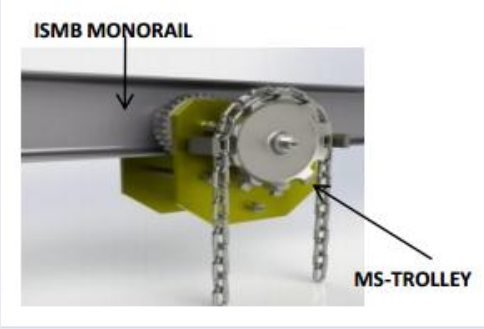
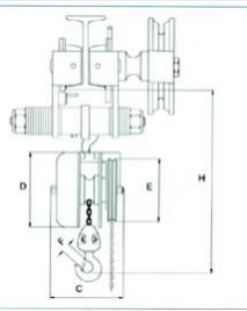
RESTRAIN PINT & AERIAL WORK PLATFORM



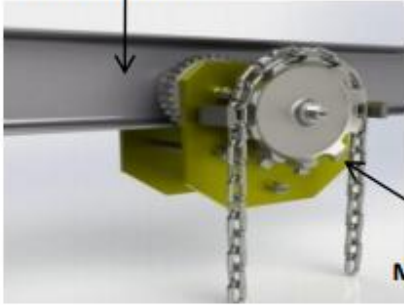
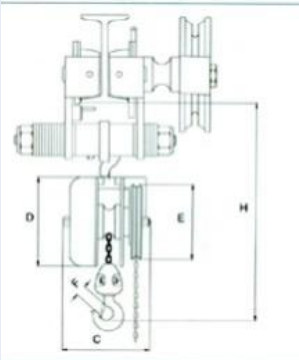
AERIAL WORK PLATFORM



UNIQUE CARE BMU PROJECTS

PROJECT NAME	FAÇADE CLEANING SYSTEM	SOURCE	PICTURES
L & T Knowledge city at Vadodara	Building Height 40m, MS- Monorail with 2000x700 mm Cradle.	As per EN-1808 & CE Régulations	
 			
Sheth Beupride at Bandra	Building Height 99 m, Parapet & Floor Mounted davit with 2000x700 mm Cradle.	As per EN-1808 & CE Régulations	
 			

UNIQUE CARE BMU PROJECTS

PROJECT NAME	FAÇADE CLEANING SYSTEM	SOURCE	PICTURES
Golden Chariot at Andheri, Mumbai	Building Height 62m, MS- Monorail with 2000x700 mm Cradle.	As per EN-1808 & CE Régulations	
 			
Unimark Asian at Kolkata	Building Height 75 m, Floor Mounted davit with 2000x700 mm Cradle.	As per EN-1808 & CE Régulations	
  			

SAFETY SYSTEMS

SYSTEM CONFORMS

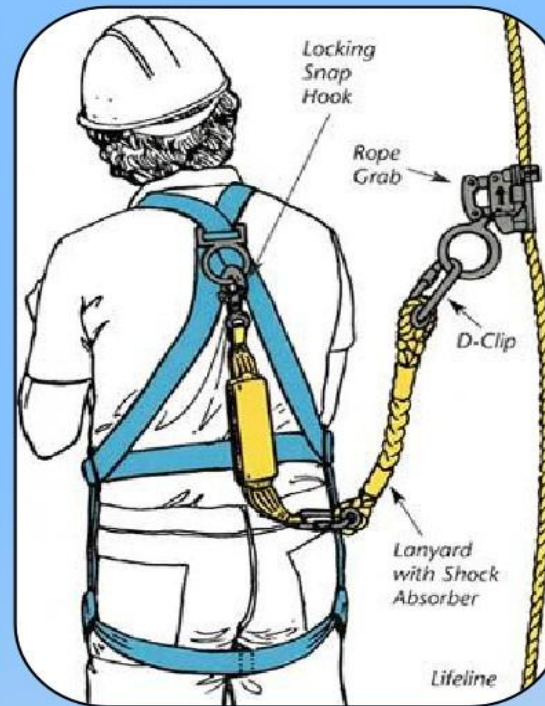


REGULATIONS

**EN
1808**

INTERNATIONAL STANDARD

FALL ARREST LANYARD



SAFETY HARNESS

SAFTY HELMET



SAFTY SHOES



SAFTY HARNESS



REFERENCE LIST

Sr. No.	PROJECT	AERA
1.	Marathon Icon (Lower Parel)	1,50,000 Sqft/Glass/ACP.
2.	Khupchandani (JVPD)	95,000 Sqft/Glass/ACP.
3.	Marathon Futurex (Lower Parel)	1,75,000 Sqft/Glass/ACP.
4.	Lokhandwala Business Park (Safed pool)	80,000 Sqft/Glass/ACP.
5.	L & T Knowledge city, Vadodara	Façade Cleaning & Public Area Cleaning
6.	Pinnacle Corporate Park (BKC)	1,00,000 Sqft/Glass/ACP.
7.	Glass Wall Systems	2,00,000 Sqft/Glass/ ACP
8.	The Lalit (Sahar Road)	Façade Cleaning & Public Area Cleaning
9.	Supreme Business Park (Powai)	5,00,000 Sqft Glass/ACP.
10.	Kamala Mills (Lower Parel)	3,00,000 Sqft Glass/ACP.
11.	Trade Star (J.B.Nagar)	1,00,000 Sqft Glass/ACP.
12.	Mayfair (Vile Parle East)	35,000 Sqft Glass/ACP.
13.	Mega Mall (Oshiwara)	1,00000 Sqft/Glass/ACP.
14.	Natraj Rustoomji	Supplied Spares for Façade cleaning system.
15.	Cnergy (Prabhadevi)	2,00,000 Sqft/Glass/ACP/Granite.
16.	ITC Maratha (Sahar Air Port Road)	400 Windows/Public Area.
17.	Laxmi Corporation (Vikroli East)	40,000 Sqft Glass/ACP.
18.	Lodha Supremus (Worli Naka)	85,000 Sqft/Glass/ACP.
19.	TCS Garima Park (Gandhinagr)	Supplied Façade Cleaning Equipments
20.	Baroda Knowledge City L & T Power	Supplied Façade Cleaning Equipments
21.	Natraj Rustoomji	Supplied Spares for Façade cleaning system.
22.	Marathon Icon Lower	Façade cleaning AMC.
23.	TGB Hotel (Surat)	Façade cleaning AMC.

