

# Specialists in Suspended Access Cradles



South West Cradles (UK) Limited





# Specialists in Suspended Access Cradles

## Powered cradle access services for the construction industry with nationwide coverage throughout the

South West Cradles are the specialists in suspended access cradles in the London area. We provide cost effective, reliable and safe access solutions throughout the UK, offering clear advantages over alternative means of access.



Our projects span multiple sectors from construction and industrial, our flexible approach offers solutions to a range of applications from concrete repair to maintenance.

The company has over 30 years experience providing access equipment, with a good reputation in all aspects of its field including safety, safety training, equipment servicing, on-site training and has a 24/7 call out facility.

### Why Use Us?

- We have over 30 years experience
- Good safety record, safety training, equipment, servicing
- 24/7 call out facility
- Free site surveys and quotations
- Site packs - everything you need to know + contacts

### Areas we Cover



Our Access Services Include:-



**SUSPENDED LIGHTWEIGHT  
PLATFORMS**



**RAPID ROOF-RIG SYSTEM**

# Extensive range of Suspended Access Solutions

## Our flexible access systems

South West Cradles suspended access platforms also known as cradles, raise and lower personnel and materials to their working position using cables and powered winches.

### We provide suspended access platforms, using powered cables and winches

Ideal for installation, inspection and maintenance work for construction or industrial projects, suspended access platforms are popular with contractors due to their speed and convenience.

### Installation, inspection and maintenance work

Suspended either from existing roof rails or from a specially fabricated support structure, we can design and install the entire assembly

#### What we provide

- **Access Cradles from 1 metre to 16 metres**
- **Work Cages**
- **Corner Cradles**
- **Balcony Cradles**
- **Bosuns Chair**
- **Nifty Lift**

#### Our Equipment

- |                   |   |
|-------------------|---|
| <b>Hoists</b>     | Alpha 240v & 110 v,<br>Compact 240v, Scafor |
| <b>Brakes</b>     | 8mm Skylocks, 9mm Skylocks                  |
| <b>Decks</b>      | Skystage Light Weight Heavy Deck            |
| <b>Wire Ropes</b> | From 1 metre to 120 metres                  |

#### What we offer

- Free site survey and quotation service
- Competitive pricing
- Method statements and Health & Safety Risk assessments, Hand over sheets
- Site liaison and personal service
- Free full onsite Induction for your operatives in correct and safe use of equipment
- Site packs - Includes - User manual, check sheets, emergency evacuation, contact details
- Pro-active safe working, Tool box talks and on going site audits
- Equipment complies with BS5974 safety standards, LOLER & PUWER
- Contract hire of manual and power operated access solutions
- Equipment includes powered cradles, work cages, and bosuns chairs
- Experienced mobile rigging team and service engineers
- Free survey and quotation services available
- Design services at hand with full technical back-up
- 24/7 call out facility

#### Typical uses include:-

- *Commercial buildings (Offices, Shopping centres Warehouses)*
- *Industrial structures (Storage Tanks, Factories, Dock Yards)*
- *Offshore Installations (Light Houses, Oil Rigs, Sea Walls and Jetties)*
- *Stadium and Entertainment Venues*
- *Energy Installations (Power Stations, Turbines, Gas Installations and Petrochemical)*
- *Infrastructure (Bridges and Via Ducts)*
- *Residential Building (Apartment Blocks)*
- *Monument, Heritage and Historical Restoration*



# Rapid Roof Systems

## Suspension Rig Systems

Overall, South West Cradles Ltd Suspended Access Service aim to provide a fast, reliable and fully comprehensive range of top quality equipment and supporting services.

Quotations and technical advice are freely available on both power and manually operated installation requirements. Most equipment within the South West Cradles Ltd range is available for both sale and hire. Installations of equipment hired from South West Cradles Ltd will normally be carried out from South West Cradles (UK) Ltd, Suspended Access Services.

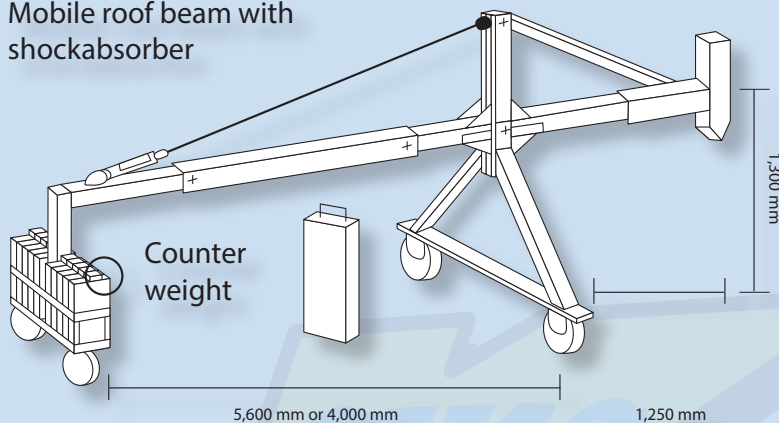
Installations of purchased equipment can also be undertaken by South West Cradles Ltd if required.

Complete spares, repairs, regular maintenance and statutory testing facilities, for both hired and purchased equipment, are also available through each of the Suspended Access Service Centres.



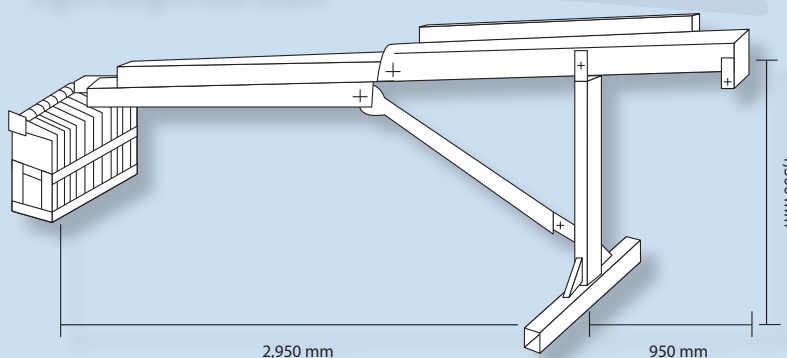
### Roof Systems

Mobile roof beam with shockabsorber



*Note 1: Independent tests indicate that the sheave will start to lose traction when rope loading is between 750kg – 1000kg.*

Light weight roof beam



*Note 2: Sky Lock safety device automatically activated when 'No Power'. Emergency Lowering speed is exceeded*





## ALPHA HOIST RANGE

Standard Model

MOTOR OPTIONS	GROSS LIFTING CAPACITY (Kg)	CLIMBING SPEED AT FULL LOAD (m/min)	RUNNING CURRENT AT FULL LOAD (amps)	“NO POWER” EMERGENCY LOWERING SPEED (m/min)
220 Volt, 50 Cycle Single phase	500kg	8.5	5.5	6
240 Volt, 50 Cycle, Single phase	500kg	8.6	5.5	6
220 Volt, 60 Cycle Single phase	500kg	6	7	
220/380 Volt, 50 Cycle Threephase	500kg	8.5	3.8/2.2	6
220/400 Volt, 50 Cycle Threephase	500kg	8.5	3.8/2.2	6
220/380 Volt, 60 Cycle Threephase	800kg	10	4/2.5	7
110 Volt, D.C	500kg	8.5	60	10
Pneumatic	500kg	8	Requires 2cu/m At 6 ATA	6
Manual machines are optional	400kg			

## SYSTAGE PLATFORMS

*Safe Working Loads for use with Alpha Hoist*

LENGTH OF SKYSTAGE	MAXIMUM EVENLY DISTRIBUTED LOAD(Kg)	EQUIVALENT NUMBER OF PERSONS
2m	400	3
3m	400	3
4m	400	3
5m	400	3
6m	400	3
7m	400	3
8m	400	3
9m	400	3
10m	400	3
11m	400	3
12m	400	3

*All Skystage Platforms have options of 1m and 2m extensions added*

*Note 1: Operative with handtools only, assumed to weigh 80 kg*

# Suspended Lightweight Platforms

## Lightweight Skystage Systems

Maximum benefit from the 500kg lifting capacity of the Alpha hoist is gained when used with the lightweight, modular aluminium Sky Stage platforms also available for sale and hire from South West Cradles (UK) Ltd, Suspended Access Services.

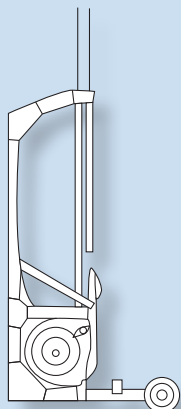
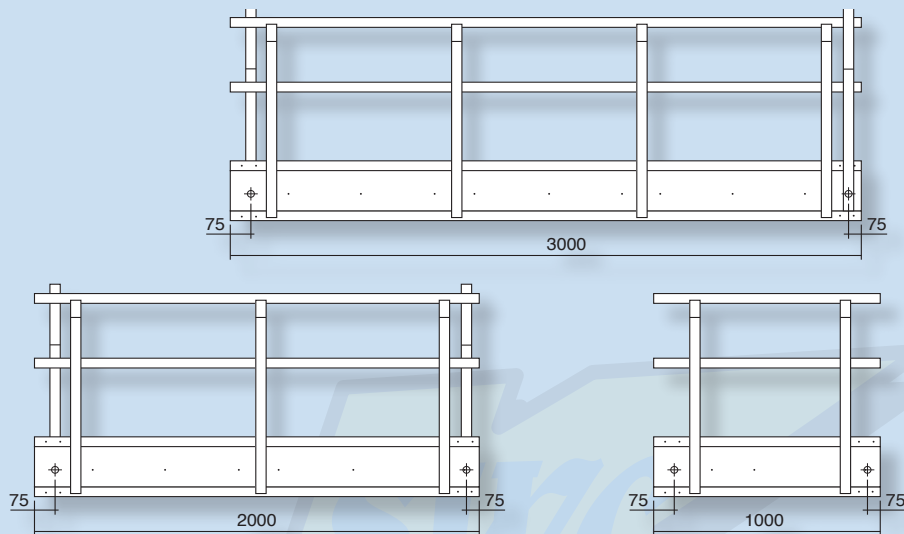
### STANDARDISED PLATFORM SECTIONS

Platform sections come in standard lengths of 2m and 3m which can be combined to form the required length.

For ease and economy of transportation, storage and handling, each section is fully demountable but can be quickly assembled –including the attachment of the Alpha hoist – using only two 19mm AF spanners and a screwdriver.

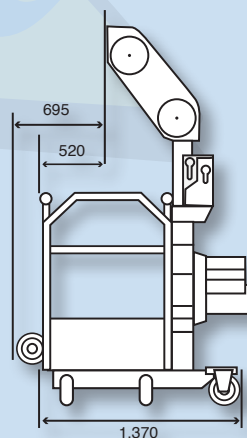


## Heavyweight Skystage Platforms



### Bosun Seat Platform System

*The Bosun seat is a manual or motorised unit.  
Access to confined spaces*



### 1 Metre Platform System

*Motorised workcage  
Access to confined spaces*



## Lightweight Skystage Platforms

### SKYSTAGE STANDARD PLATFORM


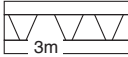



Net weight of components (kg)

Deck section 1 m	19,0	Pair steel stirrups	36
Pair guardrails 1m	8,0	Pair wall rollers	11
Deck section 2m	39,0	Pair double wheel supports	20
Pair guardrails 2m	13,5	Set connection blocks	7
Deck section 3m	58.0	Pair connection tubes	0,3
Pair guardrails 3m	19,5		


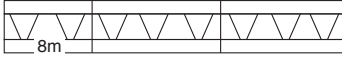
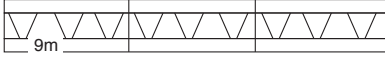
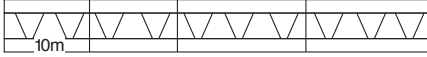
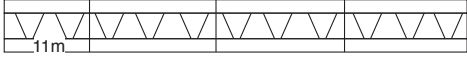

Note 1 : All weights include fasteners where required

### SKYSTAGE

(Inc. 2 Alpha hoists, 2 Sky Lock safety devices, 50m trailing supply and controlbox)

Selfweight (Kg)	Selfweight (Kg)	
119/125	285/291	
144/152	310/318	
172/184	310/318	
204/218	370/384	
229/245	395/400	

(Inc. 2 Alpha hoists, 2 Sky Lock safety devices, 50m trailing supply and controlbox)

Selfweight (Kg)	Selfweight (Kg)	
263/283	429/449	
288/310	454/476	
329/353	494/518	
363/391	529/557	
388/418	554/584	
413/445	579/611	



# Health & Safety Management System

## On-going Health & Safety Management

### Conformance to all regulations

South West Cradles on-going Health and Safety management system ensures conformance to all regulations when using lifting equipment and working at height. We are proud to hold a Certificate of Accreditation to CHAS-The Contractors Health & Safety Scheme.

Knowing the importance of keeping in line with legislation we engage third party health and safety experts to assist us and carry out safety audits across our business.

We are also members of LASC - London Association of Access Contractors.

Our employees embrace our safe working systems. South West Cradles understand the importance of safety when working at height and are committed to meeting health and safety requirements for its employees and customers.



### Legislation

#### **Health and Safety at Work Act 1974 -**

Primary legislation was introduced in the form of the Health and Safety at Work Act 1974 and offers a general guide to health and safety duties in the workplace.

#### **The Work at Height Regulations 2005 -**

The Work at Height Regulations 2005 came into force on 6 April 2005. The Regulations apply to all work at height where there is a risk of a fall liable to cause personal injury.

**Provision and Use of Work Equipment Regulations 1998 (PUWER) -PUWER covers any equipment that is used by an employee at work. This includes man riding and non-man riding lifting equipment.**

#### **Lifting Operations and Lifting Equipment 1998 (LOLER) -**

LOLER covers the legal requirements in relation to lifting equipment.

#### **BS 5974:2010**

Code of practice for the planning, design, setting up and use of temporary suspended access equipment -Temporarily suspended access equipment (TSAE) support or contain workers working at height on engineering and construction sites. BS 5974 gives guidance and recommendations on installing (erecting, altering and dismantling), maintaining, examining and using TSAE in a safe manner. It also sets out the responsibilities of all staff involved in working with TSAE.

#### **BS EN 1808:1999+A1:2010-**

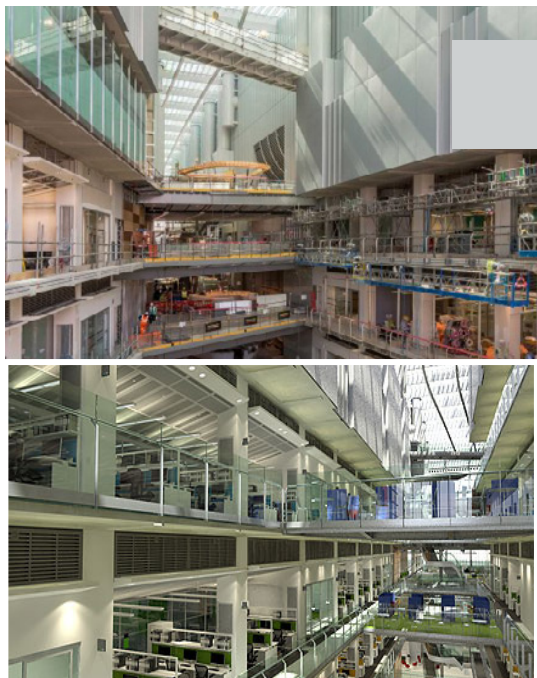
European Standard which specifies the safety requirements on suspended access equipment. Design calculations, stability criteria, construction. Tests It is applicable to both permanent and temporary equipment which may be powered or hand operated

BS 6037-1:2003 - Code of practice for the planning, design, installation and use of permanently installed access equipment. Suspended access equipment

Should you require a more comprehensive explanation, do not hesitate to call.

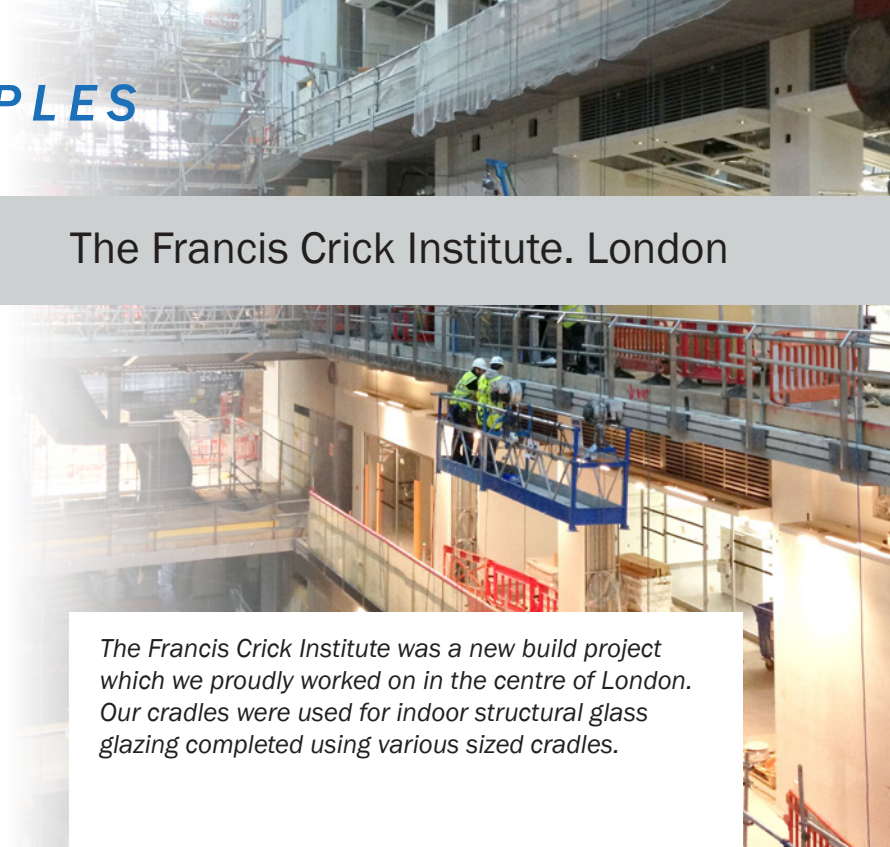


# CASE STUDY EXAMPLES



## The Francis Crick Institute. London

*The Francis Crick Institute was a new build project which we proudly worked on in the centre of London. Our cradles were used for indoor structural glass glazing completed using various sized cradles.*



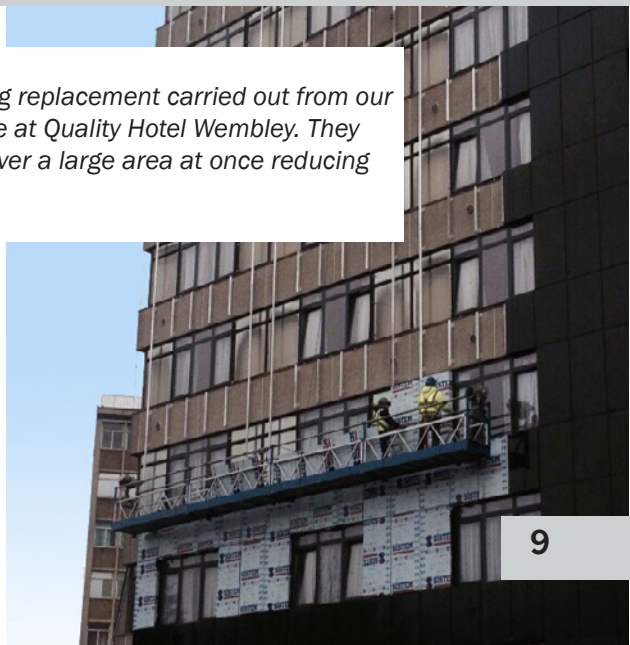
## Motel One, London

*The use of multiple cradles means that they become time saving as you can work on both sides of the building at the same time.*



## Quality Hotel Wembley. London

*Facade cladding replacement carried out from our 12 metre cradle at Quality Hotel Wembley. They were able to cover a large area at once reducing the costs.*





# Maintenance

- Our comprehensive range of services includes:-
- major overhauls
- refurbishments
- upgrades to meet current BS standards
- preventative maintenance
- full maintenance contracts to suit the client's individual needs

We also offer a wide range of professional standby and assistance maintenance services to support insurance inspectors during their annual equipment checks.



*Uk coverage, responding to your needs*



*We have  
response units  
all over the uk!*



**South West Cradles (UK) Limited**



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