

APOLLO CRADLES LIMITED

EXPERT CRADLE HIRE, SUPPLY AND INSTALLATION



Tel: 01226 700 079

Fax: 01226 727 108

Web: www.apollocradles.com

Email: info@apollocradles.com

Email: cradle@apollocradles.com

View our range of brochures on-line:

www.apollocradles.com/accessplatforms

www.apollocradles.com/cradles

www.apollocradles.com/mastclimbers

www.apollocradles.com/scaffoldservices



nsc



We can offer a range of solutions...



Beetham Tower



Acton Grange Viaduct

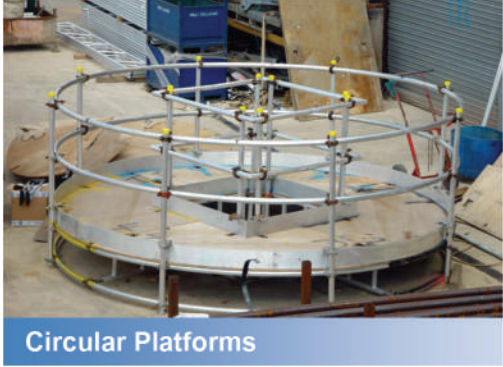
...for all your access requirements



Sweden



Ratcliffe Cooling Towers



Circular Platforms



Hammersmith Bridge

We can also supply & install Bosuns seats



Humber Bridge



Xscape Castleford



John Rideal House



Battersea Gas Holder



Belvedere Chimney



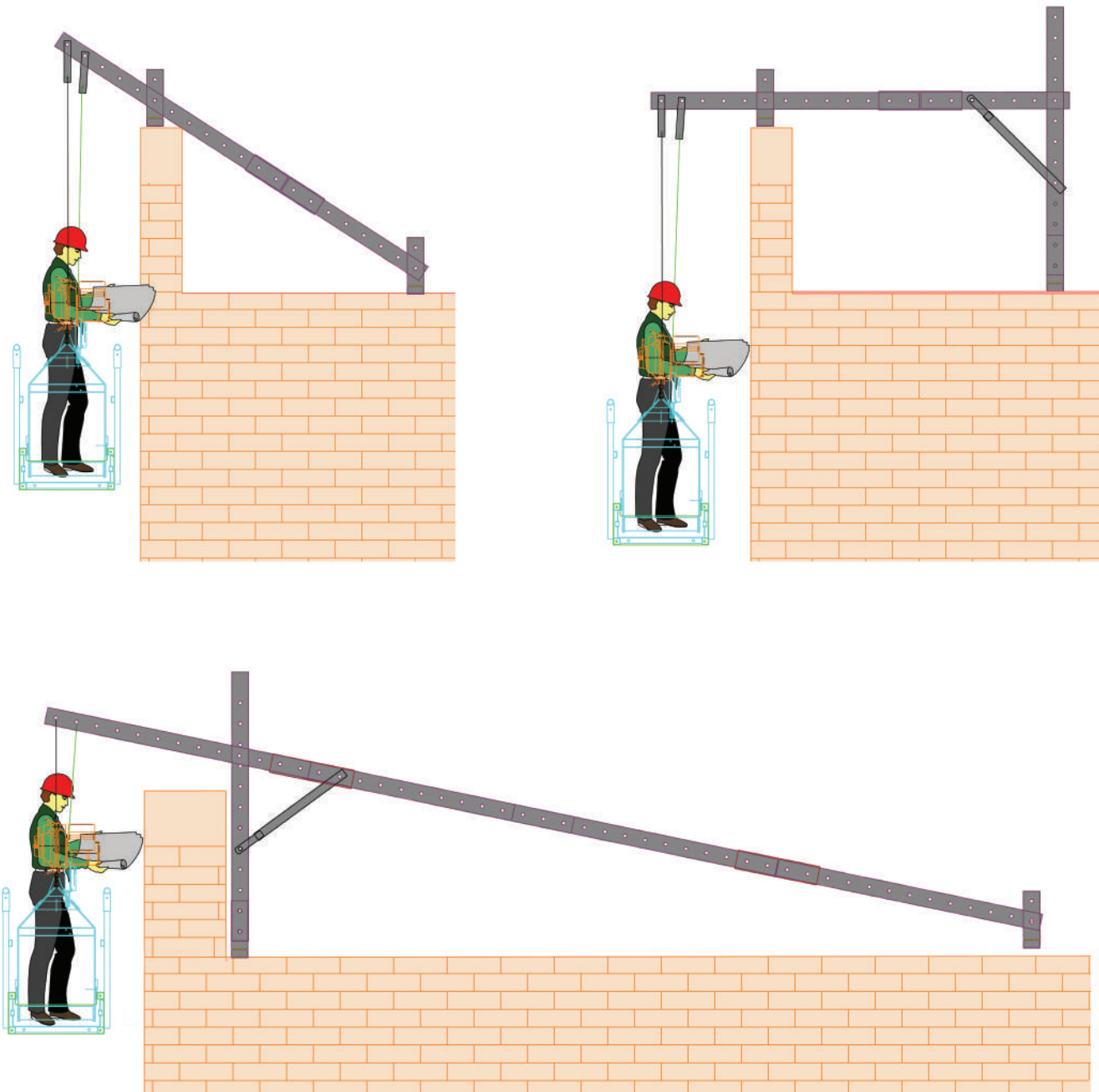
Belvedere Chimney



Ratcliffe Cooling Towers

Rapid Assembly Roof Rig System

Apollo choose to use the GKN Kwikform rapid-assembly modular roof-rig system which will adapt readily to most roof layouts.



With only six basic components, roof-rig detailing is easier, initial assembly and subsequent repositioning are faster because of the system's basic simplicity

Many more configurations are possible

Secondary Rope Safety Device

**SKY LOCK OVERSPEED
SAFETY DEVICE**



500kg



800kg



1000kg

One of the important safety features of the Sky Climber hoist is the Sky Lock, a dynamic safety device which senses rope speed as it passes through the mechanism.

If the hoist exceeds the factory pre-set speed for the device, the Sky Lock will automatically lock onto a secondary safety wire rope and support the load.

By activating the manual trip mechanism, it is possible for any sub-assembly of the hoist to be removed safely, while the platform is suspended from the Sky Lock.

Apollo provide full inductions to your operatives for the correct use of cradles and the equipment we supply.

Applications

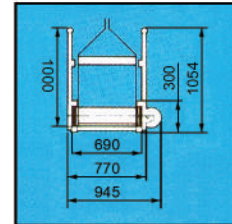
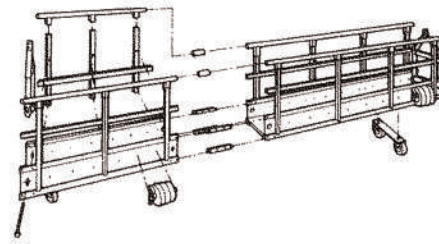
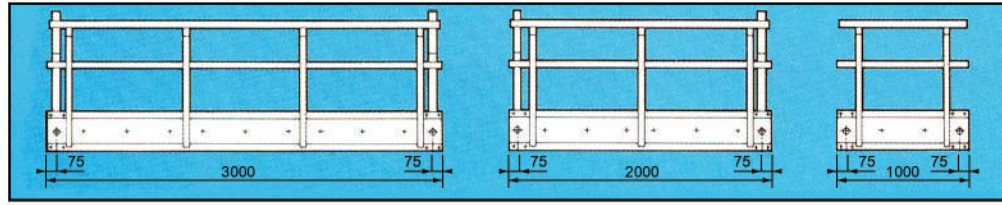
- Cladding installations
- Bridge works
- Confined spaces
- Shafts & chimneys
- Access for dams
- Bosuns seats
- Mobile access
- Railway bridges
- Viaducts
- Windows & glazing
- Double tier cradles
- Power stations
- Painting works
- Single man cradles
- Over water
- False work
- Off-shore work
- Flood barriers

Standard Modular Platforms

SKY STAGE 505 STANDARD PLATFORM

Net weight of components (kg)

Deck section 1m	19
Pair guardrails 1m	8
Deck section 2m	39
Pair guardrails 2m	13.5
Deck section 3m	58
Pair guardrails 3m	19.5
Pair steel stirrups	36
Pair wall rollers	11
Pair double wheel supports	20
Set connection blocks	7
Pair connection tubes	0.3

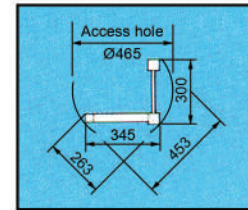
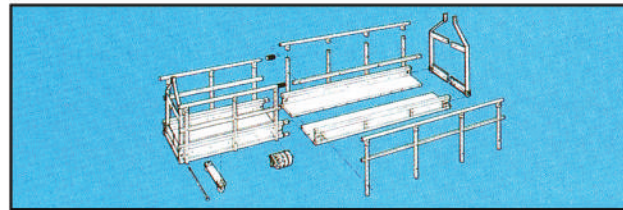


NOTE: All weights include fasteners where required

SKY STAGE 505 BOILER PLATFORM

Net weight of deck sections (kg)

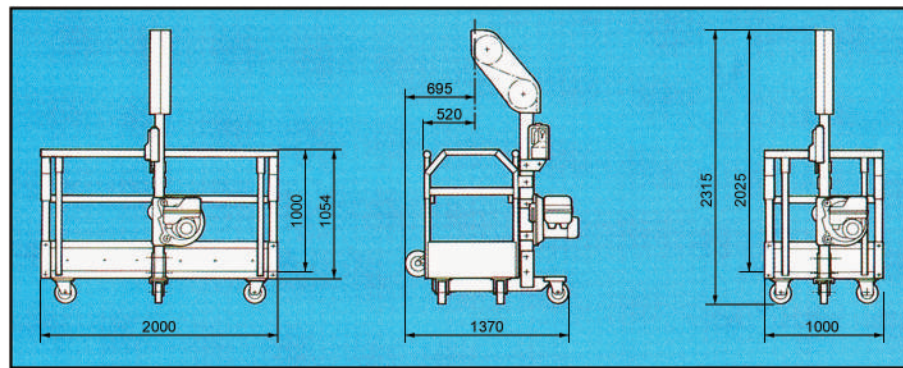
Deck section 1m	24
Deck section 2m	45
Deck section 3m	66



SINGLE HOIST STAGE 500 1M-2M WITH WALK THROUGH STIRRUP

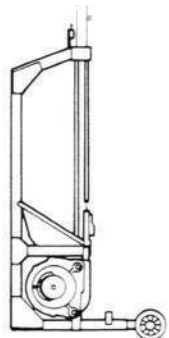
Net weight of components (kg)

Deck section 1m (Type 500)	19
Deck section 1m (Type 505)	24
Pair guardrails 1m	8
Deck section 2m (Type 500)	39
Deck section 2m (Type 505)	45
Pair guardrails 2m	13.5
Pair end guardrails	11
Walk through stirrup	60
Pair double wheel supports	20
Wall roller	4.5

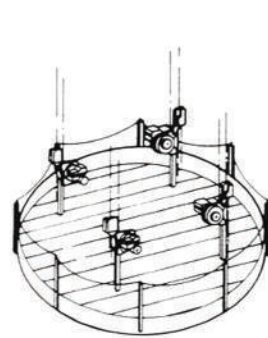


NOTE: All weights are subject to local safety approval

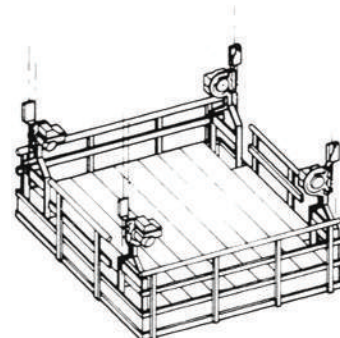
ALTERNATIVE PLATFORM SYSTEMS



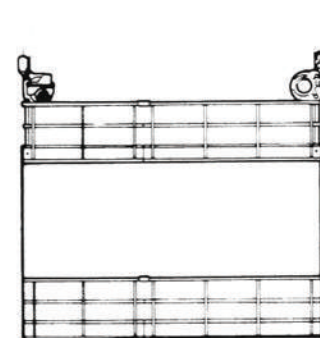
"BOSUN"
SEAT



ROUND
PLATFORM



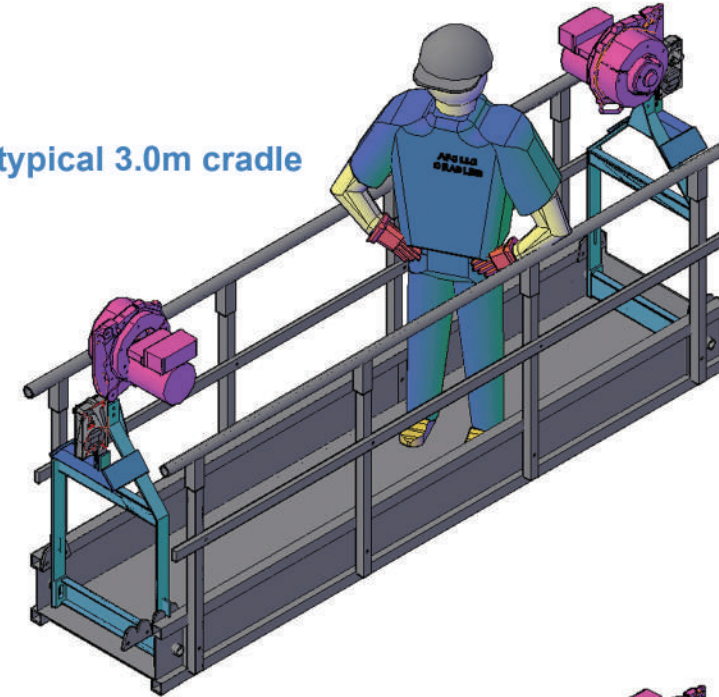
RECTANGULAR
PLATFORM



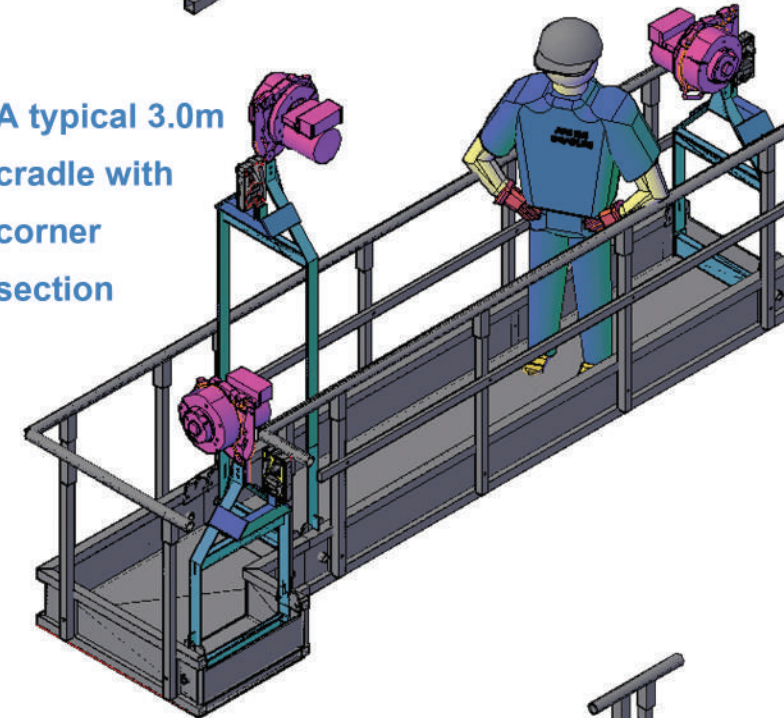
MULTI DECK PLAT-
FORM

The system "Sky Stage 500"

A typical 3.0m cradle



A typical 3.0m cradle with corner section

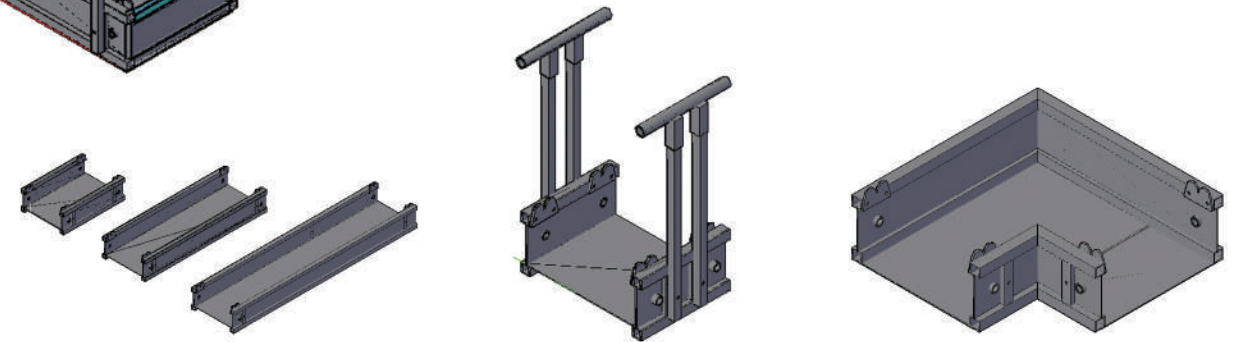


The Apollo modular platform system is fabricated from aluminium in standard lengths of 1.0m, 2.0m and 3.0m and can be connected to form a single length platform up to 12m between two hoists.

With articulated connections, multi-length linked stages can be assembled to provide continuous working platforms to suit particular requirements including climbing to any heights.

Designed for ease of transportation and rapid assembly, the platform sections are of welded construction incorporating a structural toeboard and are supplied with bolt on modular guard rails for operator protection.

Each platform assembly is fitted with stirrup units (standard or walk-through type) to facilitate winch mounting and vertical alignment of the suspended platform.

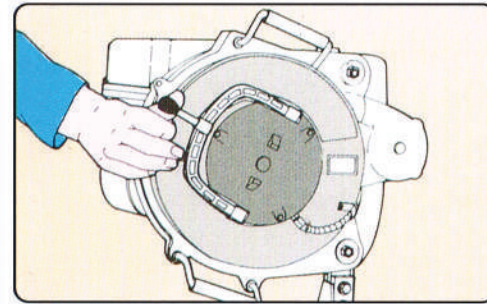
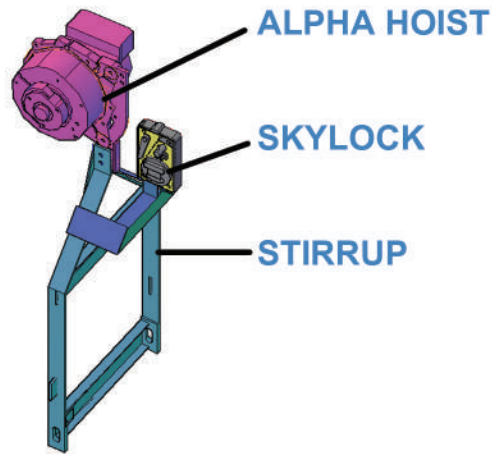


Using all our components we have the ability to provide access in the most awkward areas. Ask us!

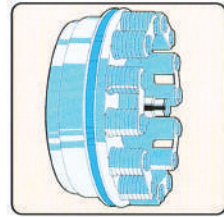
Alpha Hoist

The "ALPHA" Sky Climber Hoist

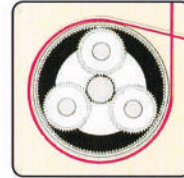
- ❑ Self-Reeving
- ❑ High capacity
- ❑ Fast speed
- ❑ Low current draw
- ❑ Modular construction
- ❑ "No power" emergency descent system
- ❑ Low rope wear factor
- ❑ Three hoist control options
- ❑ Overspeed safety device
- ❑ Different motor options
- ❑ Standard safety features
- ❑ Optional safety features
- ❑ Unique traction sheave design
- ❑ High sheave rope diameter ratio



NO POWER EMERGENCY DESCENT
The fail-safe brake can be manually released to allow the platform to descend at a controlled speed whilst maintaining full braking capability.



THE UNIQUE PATENTED ALPHA TRACTION SHEAVE
Due to the design of the patented traction sheave an equal pressure on the steel wire rope over the working circumference is assured. This gives low wear characteristics, longer rope life for greater safety and continuous reliable operation.



HI EFFICIENT GEARBOX
At 220 V single phase, the hoist is rated 500kg for continuous running at 6 amps.

	Motor Options	Safe Working Load	Climbing Speed	Running Current at full load	Self-Weight	Recommended steel wire rope Ø
ALPHA 500*	single phase 220 - 240V/50Hz			6 Amps		9 mm 4 x 36WS polypropylene core (Calculated breaking strength 6900kg)
	Three phase 220 - 380V/50Hz 380 - 415V/50Hz	500Kg	8,5M/Min.	2,3 Amps	50Kg	
	Dual Voltage 110 - 220V50Hz			6 Amps		
	Pneumatic			2CU/M@ 6ATA		
ALPHA 800	Three phase 220 - 380V/50Hz	800Kg	8,5 M/Min.	2,6 Amps	63 Kg	9mm 4 x 36WS polypropylene core (Calculated breaking strength 8400kg)
	Three phase 380 - 415V50Hz			3,3 Amps		

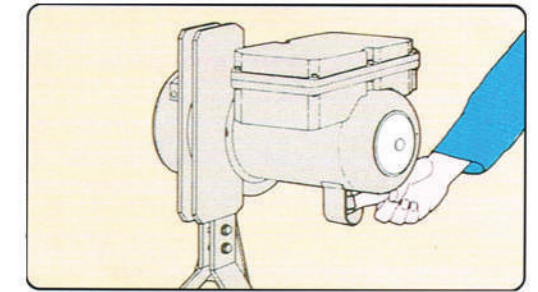
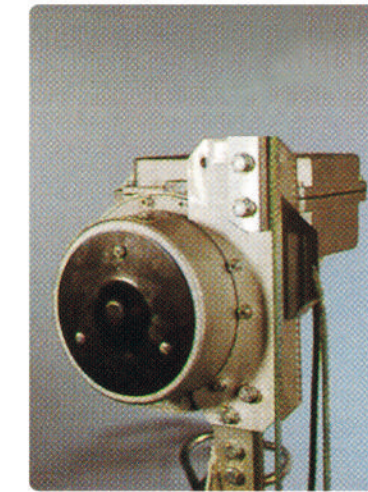
HOIST CONTROL OPTIONS

1. Hoistmounted directional control
2. Pendant control with 3m lead
3. Central control box for two hoists.

Compact Hoist

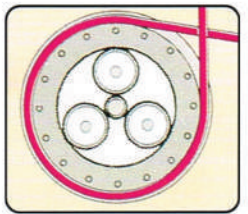
The "COMPACT" Sky Climber Hoist

- ❑ Self-Reeving
 - ❑ Fast speed
 - ❑ Traction system design
 - ❑ Light self-weight
 - ❑ Modular design
 - ❑ "No power" emergency descent system
 - ❑ Reduction gearbox
 - ❑ Overspeed safety device
 - ❑ Standard controls
- & optional controls possible (see below)



EMERGENCY DESCENT
In case of site power failure brake is released manually. Platform then descends at controlled speed.

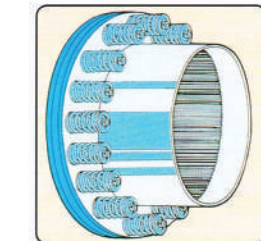
PLANETARY GEARBOX
Efficient gearbox incorporating into hoist design.



24 Vdc motor option, with batteries, can be provided upon request.

HOIST CONTROL OPTIONS

- 1) Hoistmounted directional control control.
- 2) Pendant control with 3m lead.
- 3) Central control box for two hoists.



PATENTED TRACTION SYSTEM
Ensures equal pressure on steel wire rope around the circumference of the sheave and gives unlimited working height at constant speed and capacity.

	Motor Options	Safe Working Load	Climbing Speed	Running Current at full load	Self-Weight	Recommended steel wire rope Ø
COMPACT	220-240V/50Hz	400Kg	8,5M/Min.	3.6 Amps	35Kg	8.2 mm 6 x 19 - IWRC steel core (Calculated breaking strength 5800kg)
	Pneumatic	400Kg	8,5M/Min.	1,7 CU/M @ 5ATA	30Kg	8.2 mm 6 x 19 - IWRC steel core (Calculated breaking strength 5800 kg)

HOIST CONTROL OPTIONS

Standard control, hoistmounted. Pendant and central control options possible.

Introducing the FallArrescue

FallArrescue Fall Arrest and Rescue

The “FallArrescue” is a system developed exclusively for Apollo Cradles Ltd by Getmie Safe Ltd, specialists in rescue from height.

Should the user experience a fall, the device will automatically arrest the fall by locking onto the safety rope.

The second element “rescue” is fully automatic and requires no intervention from additional persons or independent rescue teams.

Watch the FallArrescue in action: www.apollocradles.com



Bespoke Systems Available

Working from the standard Sky Stage modular platform, Apollo can design and manufacture systems to suit most requirements:

- ❑ Multi-Deck Cradles
- ❑ Telescopic Platforms
- ❑ Circular Platforms
- ❑ Mobile Dance Floors

Simply contact us for a survey of the project and we will provide a fully costed plan for the solution...

