

# Working at Height Equipment Selector

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The WAH equipment identified in this selector has been approved for use by BBES.

This selector is designed to assist operational site teams in identifying suitable WAH equipment for the task.

The selector follows the Work at Height Regulations 2005, hierarchy of control starting with MEWPs down to stepladders as a last resort.

You should also refer to manufacturers literature, websites, toolbox talks and safety alerts for further information and guidance.

## MEWP Multi users

These powered lifts are suitable for raising workers and materials to the desired working height and provides a safe working platform with guardrails from which to work from.

MEWP's come in a variety of sizes, chassis and traction methods.

Users must be competent (IPAF) to operate such equipment

### Star 10

Use	Indoor use only
Type	Battery powered 24v
Working height	10.0m
Platform height	8.0
Horizontal outreach	3.0m
Lift capacity	200kg
Platform size	0.9m x 0.7 m
Length	2.62m
Overall width	1.00m
Height (stowed)	1.99m
Turning radius - outside	1.88m
Weight	2760kg
Tyres	Non marking



### G60 articulated Boom

Use	Outdoor
Type	Diesel
Working height	20.3m
Working outreach	10.4m
Safe working load	227kg
Weight	10004kg
Basket rotation	Continuous
Working width	2.29m
Length	7.92m
Stowed width	2.29m
Height stowed	2.70m
Platform size	1.82m x 0.76m



### HR21/Nifty 21 Articulated Boom

Use	Outdoor 4x4 rough terrain
Type	Diesel
Working height	21.2m
Working outreach	13.1m
Safe working load	225kg
Weight	6100kg
Basket rotation	100 deg
Working width	2.25m
Length	6.25m
Stowed width	2.25m
Height stowed	2.15m
Platform size	1.8m x 0.7m



### 600AJ Boom

Use	Outdoor option 4x4
Type	Diesel
Working height	20.29m
Working outreach	12.12m
Safe working load	227kg
Weight	10,455kg
Basket rotation	Continuous
Working width	2.44m
Length	8.82m
Stowed width	2.44m
Height stowed	2.54m
Platform size	2.44m x 0.91m



### 800AJ Boom

Use	Outdoor option 4x4
Type	Diesel
Working height	20.29m
Working outreach	12.12m
Safe working load	227kg
Weight	10,455kg
Basket rotation	Continuous
Working width	2.44m
Length	8.82m
Stowed width	2.44m
Height stowed	2.54m
Platform size	2.44m x 0.91m



**2668RT and 3268RT Scissor**

2 models	2668	3268
Use	Outdoor use	Outdoor use
Type	Diesel	Diesel
Working reach	9.92m	11.75m
platform Height	7.92m	9.75m
Platform closed	2.51m	2.51m
Platform extended	2.96m	2.96m
Safe Working Load	567kg	454kg
Stowed Height with folded rails	1.70m	1.83m
Stowed Width	1.73m	1.73m
Stowed Length	2.67m	2.67m
Ground clearance	20cm	20cm
Weight	3798kg	4306kg
May have to add on weight of:		
non marking rough terrain tyres	323kg	323kg
Outriggers	483kg	483kg
Generator	48kg	48kg



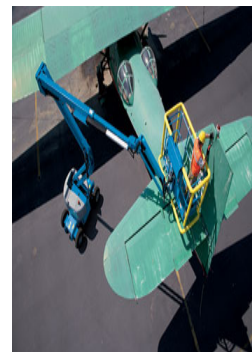
**Z-135/70 Articulating Boom**

Use	Outdoor use
Type	Diesel
Working reach height	43.15m
Working reach Horizontal riser extended	18.03m
Working reach Horizontal riser retracted	21.26m
Platform width 8ft basket	0.91m
Platform width 6ft basket	0.76m
Platform length 8ft basket	2.44m
Platform length 6ft basket	1.83m
SWL both models/baskets	272kg
Stowed Height	3.07m
Width axles extended	3.94m
Width axles retracted	2.64m
Stowed Length	12.93m
Ground clearance	51cm
Weight	20,693kg
Consider weight for ground loading, consult principal contractor/client.	



**Z-45/25 and Z-45/25JDC Bi-Energy Booms**

Two models	Z42/45RT	Z42/45JRT
Type	Diesel & Battery	Diesel & Battery
Working reach height	15.87m	15.94m
Working reach Horizontal	7.62m	7.65m
Platform width	0.76m	0.76m
Platform length	1.83m	1.83m
SWL	227kg	227kg
Stowed Height	2.0m	2.0m
Width	1.79m	1.79m
Stowed Length	5.56m	6.83m
Ground clearance	24cm	24cm
Foam filled tyres		
Weight	7537kg	7967kg



### Z 45/25RT Z-45/25JRT Articulating Boom

Two models-	Z42/45RT	Z42/45JRT
Use	Outdoor use	
Type	Diesel	
Working reach height	16m	16.07m
Working reach Horizontal	7.62m	7.65m
Platform width	0.76m	0.76m
Platform length	1.83m	1.83m
SWL	227kg	227kg
Stowed Height	2.11m	2.11m
Width	2.29m	2.29m
Stowed Length	5.56m	6.83m
Ground clearance	39cm	39cm
2 or 4 Wheel drive available		
Weight 2WD air tyres	6203kg	6486kg
Weight 4WD air tyres	6294kg	6577kg
Weight 2WD foam tyres	6550kg	6833kg
Weight 4WD foam tyres	6641kg	6924kg



### SJ8841/SJ9250 Rough Terrain Scissor Lift

Two models-	SJ 8841	SJ 9250
Use	Outdoor use	
Type	Diesel	
Working reach height	16m	17.2m
Platform width	1.7m	1.9m
Platform length	5.7m	7.2m
SWL	68kg	681kg
Stowed Height	2.2m	3.2m
Width	2.2m	2.3m
Stowed Length	3.5m	4.5m
Ground clearance	20cm	20cm
Weight	6173kg	7407kg



### 1532/1932 Scissor

Two models	1530/1532	1930/1932
Use	Outdoor use	Outdoor use
Type	Battery powered	Battery powered
Working reach	6.57m	7.79m
Platform Height	4.57m	5.79m
Platform closed	1.63m	1.63m
Platform extended	2.54m	2.54m
Safe Working Load	272kg	227kg
SWL of extended deck	113kg	113kg
Stowed Height	1.96m	2.0m
Stowed Width	0.76m/0.813m	0.76m/0.813m
Stowed Length	1.83m	1.83m
Ground clearance	6cm	6cm
Weight	1233kg	1498kg



### S80 and S85 Telescopic Boom

	S80	S85
Two models	S80	S85
Use	Outdoor use	Outdoor use
Type	Diesel	Diesel
Working reach height	26.38m	27.9m
Working reach Horizontal	24.38m	25.9m
Platform width 8ft basket	0.91m	0.91m
Platform width 6ft basket	0.76m	0.76m
Platform length 8ft basket	2.44m	2.44m
Platform length 6ft basket	1.83m	1.83m
SWL both models/baskets	227kg	227kg
Stowed Height	2.8m	2.8m
Width	2.49m	2.49m
Stowed Length	11.13m	12.19m
Ground clearance	33cm	33cm
2 or 4 Wheel drive available		
Weight 2WD	16,057kg	17,191kg
Weight 4WD	16,103kg	17,237kg



### 2032, 2646 and 3246 Scissor Lift

	2032	2646	3246
3 models	2032	2646	3246
Use	Indoor use	Indoor use	Indoor use
Type	Battery	Battery	Battery
Working reach	8.10m	9.92m	11.75m
Platform height	6.10m	7.92m	9.75m
Platform closed	2.26m	2.26m	2.26m
Platform extended	3.18m	3.18m	3.18m
Safe Working Load	544kg	450kg	318kg
Stowed Height with-			
-Folded rails	1.7m	1.68m	1.80m
Stowed Width	0.8m	1.17m	1.17m
Stowed Length	1.85m	1.85m	1.85m
Ground clearance	10cm	10cm	10cm
Weight	1594kg	2447kg	2812kg



### HR12

Working Height	12.2m
Platform Height	10.2m
Stowed Length	1.5m
Width	1.8m
Length	4.1m
Stowed Height	1.9m
Platform Size	1.1x 0.65m
Capacity	200kg
Weight	2630kg
Power	Bi-Energy (Electric and Diesel)

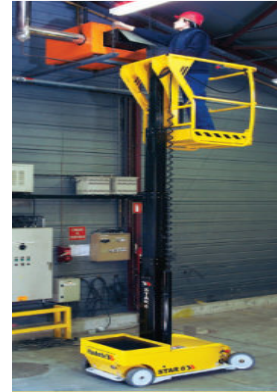


## MEWP Single users

This style of powered vertical lift is suitable for raising a sole worker only along with materials to the desired working height and provides a safe working platform with guardrails from which to work from. It can be self propelled or not, and come in various sizes.

### Star 6

Working Height	6m
Platform Height	4m
Stowed Length	1.5m
Width	0.76m
Stowed Height	1.65m passes through standard doors
Platform Size	0.8x0.68m
Capacity	180kg
Weight	800kg
Power	Electric - drive possible at full height 0.78m width, tight turning radius. Suits congested areas. 5 km/h maximum drive speed.



### Pop Up

Type	Battery push around scissor lift
Use	Indoor use only
SWL	240kg
Weight	235kg
Max platform height	1.6m
Working reach	3.6m
Length	1130mm
Width	700mm
Height	1640mm
Fits through standard doorway	
Auto voltage battery charger	90v 240v
Function speeds	Raises 8 seconds and lowers 8 seconds



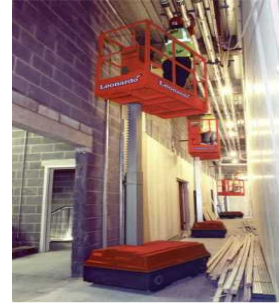
### Push 8

Type	Push around unit
Use	Indoor use only
SWL	240Kg
Weight	312Kg - lighter than - Pop up + equivalent
(343Kg)	
Working reach	4.5m
Length	1200mm
Width	700mm
Height	1800mm
Fits through standard doorway	
Multi voltage charger	90-240v
Function speeds	Raises 13 seconds and lowers 17 seconds
Auto lock brakes when elevating	
No outriggers or stabilisers required	



### Leonardo/Whizz

Self Propelled                      Drives  
Max Platform height            2.9m  
Working reach                      4.9 m  
Wheel steer allows ZERO turning radius  
Dimensions                        W 0.68m L 1.12m H 1.72m (lowered)  
Dual Roll Out Decks extend platform length to 1.71m  
Weight                                495 kg  
SWL                                    180 kg (1 Person)



### Pop Up plus

Type                                    Battery push around unit  
  
Auto lock brakes when elevating  
Weight                                343kg  
Safe working load                240kg  
Dimensions                        L 1.2m W 0.7m H 1.8m  
Multi voltage charger 90-240v  
Function speeds-                Raises 24 seconds and lowers 25 seconds



### Pop Up or Pop Up Plus with ceiling grid and handrail attachment

Please refer to the Pop Up and Pop Up plus sections for the specifications of the machine

Pop-Up Ceiling grid / restricted access Handrail  
Enables access into ceiling voids 580mm x 580mm  
Self-closing spring loaded gate  
Enables working height of approximately 2 metres above a standard ceiling grid  
Pop-Up Confined Space Handrail includes:  
2 x Side-Frames • 1 x End-Frame • 1 x Nuts and Bolt Pack  
Fitted by utilising location points from the existing handrail system



### Nano self propelled

Self propelled unit                Drives  
Weight                                270kg  
4.5m working height (reach)  
Auto lock wheels when elevating  
Dimensions- L-W- H-  
Safe working load- 480Kg  
Automatic 110-240v charger



### Nano push around

Type	Battery push around unit	
Working height (reach)	3.8m	4.5m
Weight	270kg	285kg
Auto lock wheels when elevating		
Dimensions	L-1.195m W-0.75m H-1.56m	
Safe working load	285kg	
Automatic	110-240v charger	



### Power Tower

Type	Electric
Working height (reach)	5.10m
Weight	315kg
Closed height	1.92m
Closed width	0.78m
Closed length	1.52m
Safe working load	250kg



## Mobile access Towers

Mobile access towers or mobile scaffold towers are manufactured from prefabricated components where the principal structural materials are aluminum alloys or fiberglass. Users must be competent (PASMA) in erection and dismantling of mobile access towers.

Users must follow the manufacturer's instruction manual and on no account attempt use the equipment beyond its limitations.

Wheels or feet of the tower must be in contact with a firm surface. Outriggers should be deployed as specified by the manufacturer.

### GRP (Fibreglass) industrial modular access tower

Boss Zone 1 GRP Tower  
Non conductive non-sparking

Integral ladders with 250mm rung spacing  
500mm frame rung spacing

Two widths – 850mm single width and 1450mm double width

Code	Height (platform)
Z18033	2.2m
Z18038	2.7m
Z18043	3.2m
Z18048	3.7m
Z18053	4.2m
Z18058	4.7m
Z18063	5.3m

Other heights available – Price on request  
Slip resistant platform lengths – 1.8 and 2.5m with self closing trapdoors and windlocks  
SWL 225kg  
Ease of brace identification:  
Red – horizontal Blue – diagonal  
No scrap value leading to increased security on site  
Not to be used in environments where chlorine is present



### Narrow Folding Tower Unit

Two Models	Minibase	Mini 37
Platform height	0.85m	1.65m
Working height	2.9m	3.7m

Platform dimensions 1.83m x 0.7m with trapdoor  
Max SWL 220kg per deck. 500 kg per tower  
Passes through standard doorway  
Lockable wheel brakes  
Do not use at wind speeds over 17mph.



### Omega 250 Deskspan Tower

Platform Heights 1.8m, 1.55m, 1.3m, 1.05m, 0.8m,  
0.55m and 0.3m  
Width 0.85m  
Platform Length 1.5m, 2.5m or 3.2m  
Safe Working Load 225kg

Please confirm the platform length of either 1.5m, 2.5m or 3.2m when ordering.



### Beta Guard integral advance Guardrail tower

Advance guardrail design - From the ground up, the tower erector is not exposed to the danger of falling.  
Only three main components. no horizontal or diagonal braces  
Structural safety -bracing integrated into the frame.  
Less parts to lose  
Narrow 1.8m and wide 2.5m versions  
Heights 2.2m to 8.2m  
Fully enclosed platform with trapdoor  
Adjustable platform height  
Lockable brakes  
Provides good wide base  
Large working platform, internal access ladder  
Do not use at wind speeds over 17mph.



Height (to platform)  
2.2m  
3.2m  
4.2m  
5.2m

Height (to platform)  
6.2m  
7.2m  
8.2m

Please confirm if you require a narrow tower (0.85 wide frame) or wide tower (1.45m frame) and the platform length of either 1.8m or 2.5m.

### Podiums

Podiums provide low-level height access offering a firm platform with adjustable height, and guardrail. Can be tubular self-erecting or folded prior to erection, so as to pass through standard doors and corridors.

### Sherpascopic Platform Steps

Ordering code 09/1384  
Fully enclosed platform with gate  
Adjustable height platform 1.77-2.33m  
Weight 37.9Kg  
Smaller version 1.06 – 1.52m  
Weight 30Kg  
Stabilisers attached  
Folds flat  
Wheels for moving  
Platform Dimensions-600mm x 400mm

09/1386



### **Deltadeck Platform**

Ordering code Deltadeck 250  
One complete unit, assembles and dismantles in less than a minute.  
No parts to lose.  
Easy transportation and storage.  
Weight 26.5kg  
Width 760mm  
Length 1120mm  
5 working heights, 450mm, 530mm, 600mm, 730mm, 870mm  
Suitable for working at heights of 3m and below.



### **Pak-Flat Podium**

Pak-Flat 950 -platform heights of 950mm & 750mm  
Ordering code 26/2995  
Working height 2.5-2.95m  
Width 725 mm  
Platform area 600mm x 600mm  
Weight 25kg SWL 150kg  
Pak-Flat 750 platform heights of 500mm & 750mm  
Working height 2.7-2.75m  
Width 725 mm  
Platform area 550mm x 550mm  
Weight 23kg SWL 150kg



### **RazaDeck 200**

Ordering code 26/2985  
Three working heights 0.55m, 1m and 2m  
Working reach up to 4.0m  
Platform area 1000mm x 700mm  
SWL 150kg  
Weight 82kg  
folded height 730mm length 1530mm width 740mm  
No removable parts, Integral ladder and toe boards  
Adjustable stabilisers



### **Adjusta Minit Podium Steps**

Fully enclosed platform with gate  
Four platform heights 0.41-0.8-1.03-1.25m  
Working heights 1.9-3.25m  
One piece construction  
Passes through standard doorway

Folds flat, Wheels for moving

SWL 150kg  
Weight 35kg



## Stepladders

On site control of stepladders will be via a permit system controlled by the Project Engineer/Supervisor.

Stepladders should only be used as a last resort after exhausting other options/methods of access available through risk assessment. Only to be used for low risk and short duration work.

### Wide base Platform Steps

Type	3 Tread	4 Tread	5 Tread
Ordering Code	09/1276	09/1277	09/1278
Platform Height	0.96m	1.44m	1.89m
Height to Handrail	1.91m	2.32m	2.81m
Max SWL	110kg	110kg	110kg
Weight	14kg	19kg	22kg

Working platform - 550ml x 400ml  
Enclosed platform on 3 sides for safety  
Glass fibre frame with aluminium treads  
Insulated and non-conductive whilst in use

HSE compliant to work two-handed for up to 30 minutes



### Fibreglass Stepladders

Type	6 Tread	8 Tread
Ordering Code	FS6	FS8
Step Height	1.5m	2.2m
Max SWL	110kg	110kg
Weight	7.70kg	10.45kg

Certified to BSEN131

Non-conductive in use so is ideal to use where electrical hazards exist

Only work on a stepladder for a maximum of 15 - 30 minutes at a time

