

ELECTRIC & ROUGH TERRAIN SCISSOR LIFTS

Aetna



ELECTRIC, BATTERY OPERATED AND SELF-PROPELLED ROUGH TERRAIN SCISSOR LIFT UP TO 16 M

- Turning Radius – Outside 3.4 M
- Hydraulic Capacity – 60 L (15.8 gal)
- 4 Wheels Driven
- Maximum Working Height – 16 M
- Minimum Platform Height – 6 M
- Lift Capacity – 350 / 500 Kgs
- Ground Clearance – 200 MM
- Maximum Capacity – 350/500 Kgs.

Aetna

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Customers First Always

Our dedication to lifting you higher extends well beyond the physical reach of our AWP's. Since 2011, our customer centric business approach has enabled us to grow rapidly in a short span of time, allowing us to offer a wide range of products starting from our range of Self-Propelled Slab and Rough Terrain Scissor Lifts to Articulated Boom Lifts. Our commitment doesn't just end with on time delivery, but also extends to post delivery services like operator and maintenance trainings.

We design and manufacture AWP's to meet the requirement of professionals working at height. One can be certain that we deliver the best solution for our customers. We strive to maximise your up time so that you can achieve optimal productivity. Our team of product managers and technical experts use your inputs and enable you to choose the best AWP for your needs.

Safety Features

Our Aerial Work Platforms are incorporated with a number of safety features:

- *Angle sensors – Seizes the operation beyond a safety criteria.*
- *Flashing beacon and buzzer.*
- *Automatic balancing stabilizers.*
- *Weight sensors - Stops the machine on overload.*
- *Manual emergency lowering valve.*
- *Harness attachment point for fall protection.*
- *Variable speeds depending upon the height of the AWP.*
- *Anti skid platform surface.*



Productivity

- **Simple Access** – Designed to fit through any standard single or double size door.
- **Easy Servicing** – Slide out battery tray and large door opening allows the user to easily access the internal components for servicing and maintenance.
- **Functionality** – Electric Self-Propelled Slab Scissor lifts operate on smooth surfaces while the Rough Terrain Scissor lifts are operable on smooth as well firm rough surfaces.
- **Maneuverability** – Slab terrain lifts with front wheel drive and low turning radius are ideal to be maneuvered in compact spaces. Moreover, the RT series lifts with 4WD functionality are ideal for all outdoor worksite applications.
- **Convenient operation** – All operations can be easily executed using our multi-functional Joystick.
- **Applications** – AWP's are used in several applications in the field of Construction, Pre-Engineered Buildings, Factory maintenance, Facility Management, Aviation and any application involving working at height.



Maximize Your Productivity

Extension Deck

Extension decks can be extended from the front of the platforms to increase work area and allowing the person to extend his reach efficiently. It can be used inside and outside; to work on areas that are difficult to reach.

Electric Line to Platform

Electric line to platform provides power allowing the worker to use electrically operated power tools; increasing the scope of work that can be performed using our machines.

Inbuilt Smart Battery Charger

Equipped with an inbuilt smart battery charger; the machine can be charged literally at any place with electrical supply. The smart charger also helps in protecting and improving the battery life.

Solid non-marking tyres

These solid tyres prevent scuffing of floors and picking up debris which might damage the surface; making them the ideal choice for all indoor applications and uses.

Spring applied Hydraulic Release Brakes

With the need for stability and safety; our machines are equipped with spring applied hydraulic release brakes. These brakes arrest all the unwanted movements while working at height.

Gradeability

With enhanced drive speed and higher gradeability; our machines help you to perform work at various jobsites more effectively and efficiently.



Self-Propelled Scissor Lift

Models : DS-608, DS-808, DS-1010

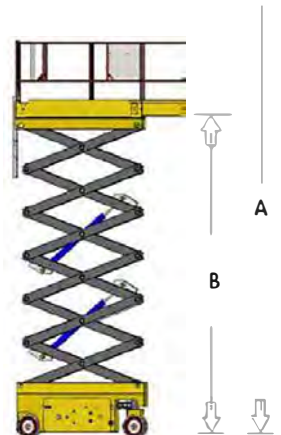


Fig. 1



Fig. 2

Specifications

Models		DS-608		DS-808		DS-1010	
		Feet	Metric	Feet	Metric	Feet	Metric
Measurements							
Maximum Working Height*		A	19 ft 6 m	26 ft 8 m	32 ft 10 m		
Maximum Platform Height		B	13 ft 4 m	19 ft 6 m	26 ft 8 m		
Lowered Platform Height		C	3.9 ft 1.2 m	4.2 ft 1.3 m	4.9 ft 1.5 m		
Platform Length		D	Without Extension	6.8 ft 2.1 m	6.8 ft 2.1 m	6.8 ft 2.1 m	
			With Extension	E	9.8 ft 3.0 m	9.8 ft 3.0 m	9.8 ft 3.0 m
Extension Deck		F	2.9 ft 0.9 m	2.9 ft 0.9 m	2.9 ft 0.9 m		
Platform Width		G	2.6 ft 0.8 m	2.6 ft 0.8 m	3.2 ft 1.0 m		
Guardrail Height		H	3.2 ft 1.0 m	3.2 ft 1.0 m	3.2 ft 1.0 m		
Vehicle Dimensions		I	Height	7.2 ft 2.2 m	7.5 ft 2.3 m	8.2 ft 2.5 m	
			Length	J	7 ft 2.15 m	7 ft 2.15 m	7 ft 2.15 m
			Width	K	2.8 ft 0.85 m	2.8 ft 0.85 m	3.4 ft 1.05 m
Ground Clearance			0.3 ft 90 mm	0.3 ft 90 mm	0.3 ft 90 mm		

Productivity

Maximum Occupancy**	2 People		
Lift Capacity	350 Kgs		
Extension Deck Capacity	125 Kgs		
Drive Speed	2.5 Kmph		
Turning Radius - Outside	2.2 m		
Raise / Lower Height	30 / 35	40 / 45	50 / 55
Control Drive	Proportional Control Dual Front Wheel Hydraulic Drive		
Brakes	Rear Spring Applied Hydraulic Release Brake		
Tyres (Solid Non-Marking)	323 X 100	323 X 100	323 X 100

Power

Power Source	24V DC (Four 6V 225Ah Batteries)		
Hydraulic Capacity	20L (5.2 gal)		
Weight***	1600 Kgs.	1850 Kgs.	2200 Kgs.

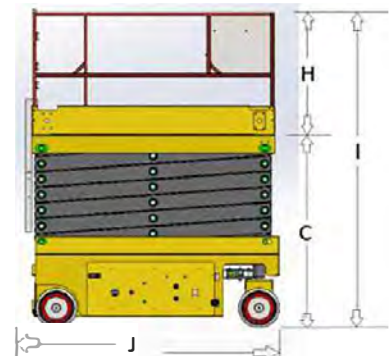


Fig. 3

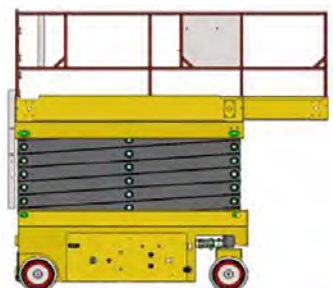


Fig. 4

Self-Propelled Scissor Lift

Models : DS-1212 1.9V, DS-1212, DS-1412

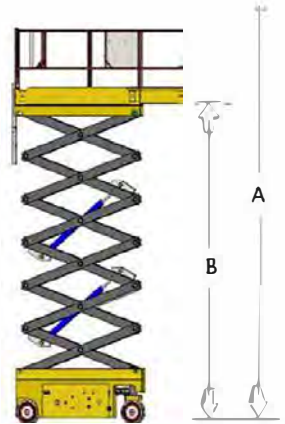


Fig. 1



Fig. 2

Specifications

Models		DS-1212 1.9V		DS-1212		DS-1412	
Measurements		Feet	Metric	Feet	Metric	Feet	Metric
Maximum Working Height*		A	39 ft 12 m	39 ft 12 m	39 ft 12 m	45 ft 14 m	14 m
Maximum Platform Height		B	32 ft 10 m	32 ft 10 m	32 ft 10 m	39 ft 12 m	12 m
Lowered Platform Height		C	5.2 ft 1.6 m	5.0 ft 1.55 m	5.6 ft 1.7 m	5.6 ft 1.7 m	1.7 m
Platform Length -	Without Extension	D	6.4 ft 1.9 m	7.9 ft 2.4 m	7.9 ft 2.4 m	7.9 ft 2.4 m	2.4 m
	With Extension	E	8.9 ft 2.8m	10.8 ft 3.3 m	10.8 ft 3.3 m	10.8 ft 3.3 m	3.3 m
Extension Deck		F	2.6 ft 0.8 m	2.9 ft 0.9 m	2.9 ft 0.9 m	2.9 ft 0.9 m	0.9 m
Platform Width		G	3.9 ft 1.2 m	3.9 ft 1.2 m	3.9 ft 1.2 m	3.9 ft 1.2 m	1.2 m
Guardrail Height		H	3.2 ft 1.0 m	3.2 ft 1.0 m	3.2 ft 1.0 m	3.2 ft 1.0 m	1.0 m
Vehicle Dimensions	Height	I	8.5 ft 2.6 m	8.5 ft 2.6 m	8.9 ft 2.7 m	8.9 ft 2.7 m	2.7 m
	Length	J	6.6 ft 2.0 m	8.2 ft 2.5 m	8.2 ft 2.5 m	8.2 ft 2.5 m	2.5 m
	Width	K	4.1 ft 1.25 m	4.1 ft 1.25 m	4.1 ft 1.25 m	4.1 ft 1.25 m	1.25 m
Ground Clearance			0.3 ft 90 mm	0.3 ft 90 mm	0.3 ft 90 mm	0.3 ft 90 mm	90 mm

Productivity

Maximum Occupancy**	2 People
Lift Capacity	350 Kgs
Extension Deck Capacity	125 Kgs
Drive Speed	2.5 Kmph
Turning Radius - Outside	2.6 m
Raise / Lower Height	60 / 65 60 / 65 70 / 75
Control	Proportional Control
Drive	Dual Front Wheel Hydraulic Drive
Brakes	Rear Spring Applied Hydraulic Release Brake
Tyres (Solid Non-Marking)	323 X 100 323 X 100 323 X 100

Power

Power Source	24V DC (Four 6V 225Ah Batteries)
Hydraulic Capacity	20L (5.2 gal)
Weight***	2250 Kas. 2400 Kas. 2750 Kas.

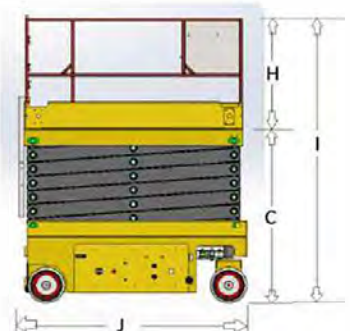


Fig. 3

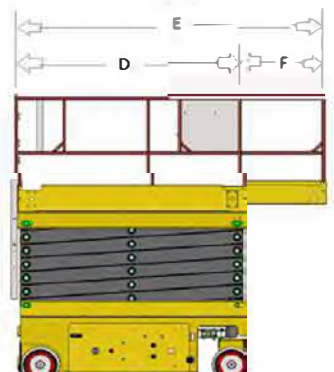


Fig. 4

Rough Terrain Scissor Lift

Models : DS-1218 RT, DS-1418 RT, DS-1618 RT

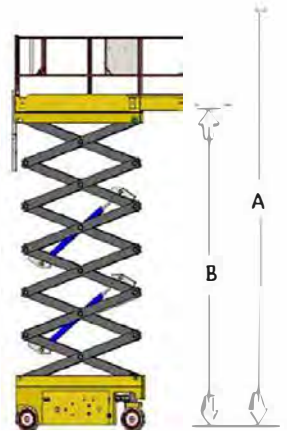


Fig. 1



Fig. 2

Specifications

Models		DS-1218 RT		DS-1418 RT		DS-1618 RT	
Measurements		Feet	Metric	Feet	Metric	Feet	Metric
Maximum Working Height*		A	39 ft 12 m	45 ft 14 m	52 ft 16 m		
Maximum Platform Height		B	32 ft 10 m	39 ft 12 m	45 ft 14 m		
Lowered Platform Height		C	5.2 ft 1.6 m	5.5 ft 1.7 m	5.9 ft 1.8 m		
Platform Length *	Without Extension	D	10.4 ft 3.0 m	10.4 ft 3.0 m	10.4 ft 3.0 m		
	With Extension	E	13.4 ft 4.1 m	13.4 ft 4.1 m	13.4 ft 4.1 m		
Extension Deck		F	2.9 ft 0.9 m	2.9 ft 0.9 m	2.9 ft 0.9 m		
Platform Width		G	5.5 ft 1.7 m	5.5 ft 1.7 m	5.5 ft 1.7 m		
Guardrail Height		H	3.2 ft 1.0 m	3.2 ft 1.0 m	3.2 ft 1.0 m		
Vehicle Dimensions	Height	I	8.5 ft 2.6 m	8.8 ft 2.7 m	9.1 ft 2.8 m		
	Length	J	10.1 ft 3.1 m	10.1 ft 3.1 m	10.1 ft 3.1 m		
	Width	K	5.9 ft 1.8 m	5.9 ft 1.8 m	5.9 ft 1.8 m		
Ground Clearance			0.65 ft 200 mm	0.65 ft 200 mm	0.65 ft 200 mm		

Productivity

Maximum Occupancy**	2/3 People
Lift Capacity	500 Kgs
Extension Deck Capacity	125 Kgs
Drive Speed	4 Kmph
Turning Radius - Outside	3.4 m
Raise / Lower Height	50 sec / 55 sec 60 sec / 65 sec 70 sec / 75 sec
Control	Proportional Control
Drive	4WD (Hydraulic Drive)
Brakes	Hydraulic Release Brake
Tyres (Solid Non-Marking)	23" X 10"

Power

Power Source	24V / 48V DC (Eight 6V 225Ah)
Hydraulic Capacity	60L (15.8 gal)
Weight***	4400 Kgs. 4700 Kgs. 5000 Kgs.

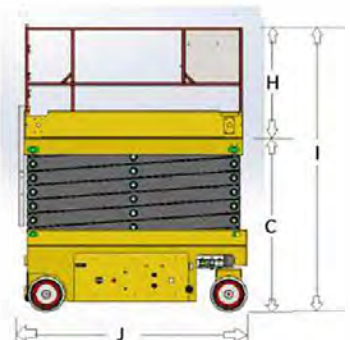


Fig. 3

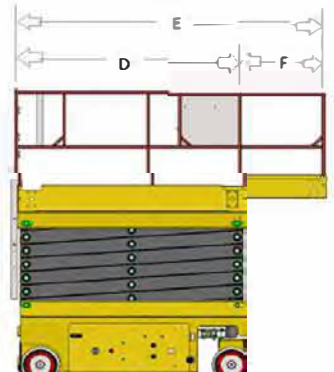


Fig. 4

Articulated Boom Lift

Model : DBA-12 / 6, DBA-16 / 7, DBA-20 / 10



Specifications

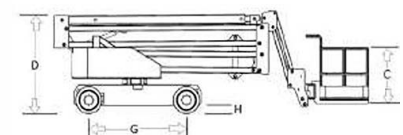
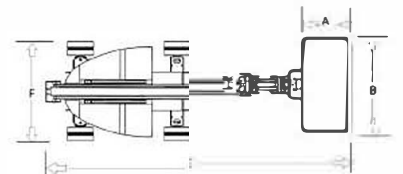
Models		DBA-12 / 6		DBA-16 / 7		DBA- 20 / 10	
Measurements		Feet	Metric	Feet	Metric	Feet	Metric
Maximum Working Height*		39 ft	12 m	52 ft	16 m	65 ft	20 m
Maximum Platform Height		32 ft	10 m	45 ft	14 m	59 ft	18 m
Maximum Horizontal Outreach**		18 ft	5.6 m	26 ft	8.0 m	30 ft	9.2 m
Platform Length	A	2.9 ft	0.9 m	2.9 ft	0.9 m	2.9 ft	0.9 m
Platform Width	B	5.9 ft	1.80 m	6.5 ft	2.0 m	7.5 ft	2.3 m
Guardrail Height	C	3.6 ft	1.1 m	3.6 ft	1.1 m	3.6 ft	1.1 m
Height	Stowed D	7.5 ft	2.3 m	7.5 ft	2.3 m	8.5 ft	2.6m
Vehicle Dimensions	Height D	7.5 ft	2.3 m	7.5 ft	2.3 m	8.5 ft	2.6m
	Length E	19 ft	5.9 m	24 ft	7.4 m	28 ft	8.5 m
	Width F	6.5 ft	2.0 m	7.2 ft	2.2 m	8.2 ft	2.5 m
Wheelbase	G	6.5 ft	2.0 m	7.2 ft	2.2 m	8.2 ft	2.5 m
Ground Clearance	H	0.7 ft	0.24 m	0.7 ft	0.24 m	0.7 ft	0.24 m

Productivity

Maximum Occupancy***		2 People	
Lift Capacity		225 Kqs.	
Platform Rotation		140 Degree	
Vertical Jib Rotation		130 Degree	
Turntable Rotation		340 Degree Non-Continuous	
Gradeability****		30%	
Drive		4 WL	
Drive Speed	Slowed	4.8 Kmph	
	Raised	1 Kmph	
Turning Radius	Outside	3.3m	3.4m
Control		24 V DC	
Tyres (Solid Tyres)		23" X 10"	

Power

Power Source*****	8 X 6V 225 Ah Batteries		
Auxiliary Power Unit	24 V DC		
Hydraulic tank Capacity	60 Ltr.	60 Ltr.	60 Ltr.
Weight*****	7000 Kqs.	7500 Kqs.	8500 Kqs.





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