adaptalift GROUP

Dingli

E-Tech S1412 ACE

AC POWERED SCISSOR LIFT



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Dingli E-Tech S1412 ACE

AC Powered Scissor Lift

The new E-TECH ACE range of electric scissor lifts from Dingli cater to customers looking for a more environmentally friendly lifting solution.

The new range features a fully sealed AC driving and lifting system, replacing traditional DC systems whilst providing advantages including:

- Maintenance free
- Increased IP67 protection against dust and liquids
- Increased efficiency
- Increased safety

All units are manufacturer guaranteed for two years.

Updated Control System

All scissor lifts are fitted with a built-in black box that automatically records and stores all operational data.

Spare Parts

Single parts such as the emergency stop button, key switch and display can be individually replaced.

Increased Safety

All ACE range scissor lifts are equipped with leading safety features including:

- Angle sensor
- In-built horizontal sensor
- Real-time height detection
- Tilt change

Drive Update

Traditional DC drive and lifting motors have been replaced with modern AC drive and lifting motors.

The new AC systems have lower energy consumption, long service life and offer up to 8% - 10% energy savings compared to DC systems.

The fully sealed system has lower failure rates and requires less maintenance.

Upgraded Charging System

The unit charger has been upgraded to IP67 protection for better water resistance.

Units are fitted with built-in audible battery low power warning systems.

Increased Optional Extra Features

Dingli have expanded the range of available optional extra features available on all ACE scissor lifts to include:

- Maintenance free lithium-ion battery
- Automatic anti-collision protection system
- Intelligent monitoring sound and light warning systems within 4m of the unit
- Built-in foot switch
- Built-in remote monitoring module, compatible with wide variety of platforms
- Battery protection system (audible warning, smart cut & recovery)



Maintenance free



Increased IP67 protection against dust and liquids



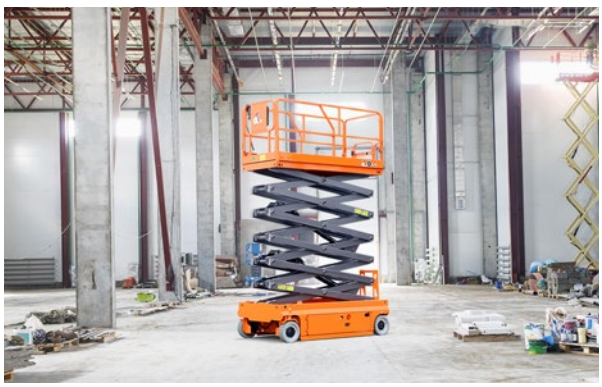
Increased efficiency



Increased safety



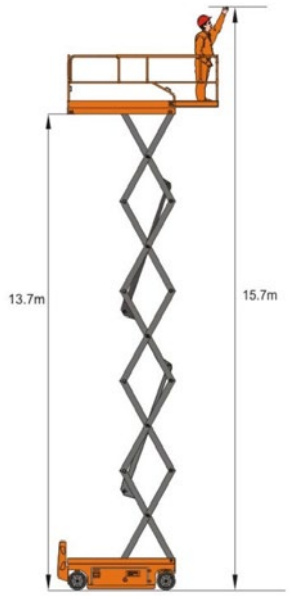


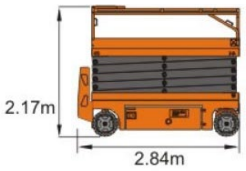


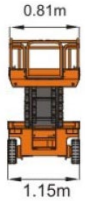
Model	E-Tech S1412 ACE
Size	
Max. Working Height	15.7 m
Max. Platform Height	13.7 m
Overall Length	2.84 m
Overall Width	1.25 m
Overall Height (Rails Up)	2.62 m
Overall Height (Rails Down)	2.09 m
Platform Size (LengthxWidth)	2.64 x 1.12 m
Platform Extension Size	0.9 m
Ground Clearance (Raised/Stowed)	0.10 m / 0.019 m
Wheelbase	2.22 m
Turning Radius (Inside/Outside)	0 m / 2.65 m
Tyres	ø 381 x 127 m
Performance	
S.W.L	250 kg
S.W.L on Extension	113 kg
Max. Occupants	2
Gradeability	25 %
Max. Working Slope	1.5 ° / 3°
Travel Speed (Raised)	0.8 km/h
Travel Speed (Stowed)	5 km/h
Up/Down Speed	63 / 71 sec
Overall Weight	
Lead Acid Battery Type	3,360 kg
Lithium Battery Type	3,270 kg
Power	
Battery	24 V / 220 Ah
Charger	24 V / 30 A
Driving Motor	2 x 24 VAC / 0.87 kW
Lifting Motor	24 VAC / 3.5 kW

Option Configurations

- Overload sensor
- AC Power to platform
- Platform work light
- Airline to platform
- Ultrasonic anti-collision sensor
- IoT Module
- High-power charger for lithium battery
- Lithium battery
- Foot switch
- Anti-collision Rod







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