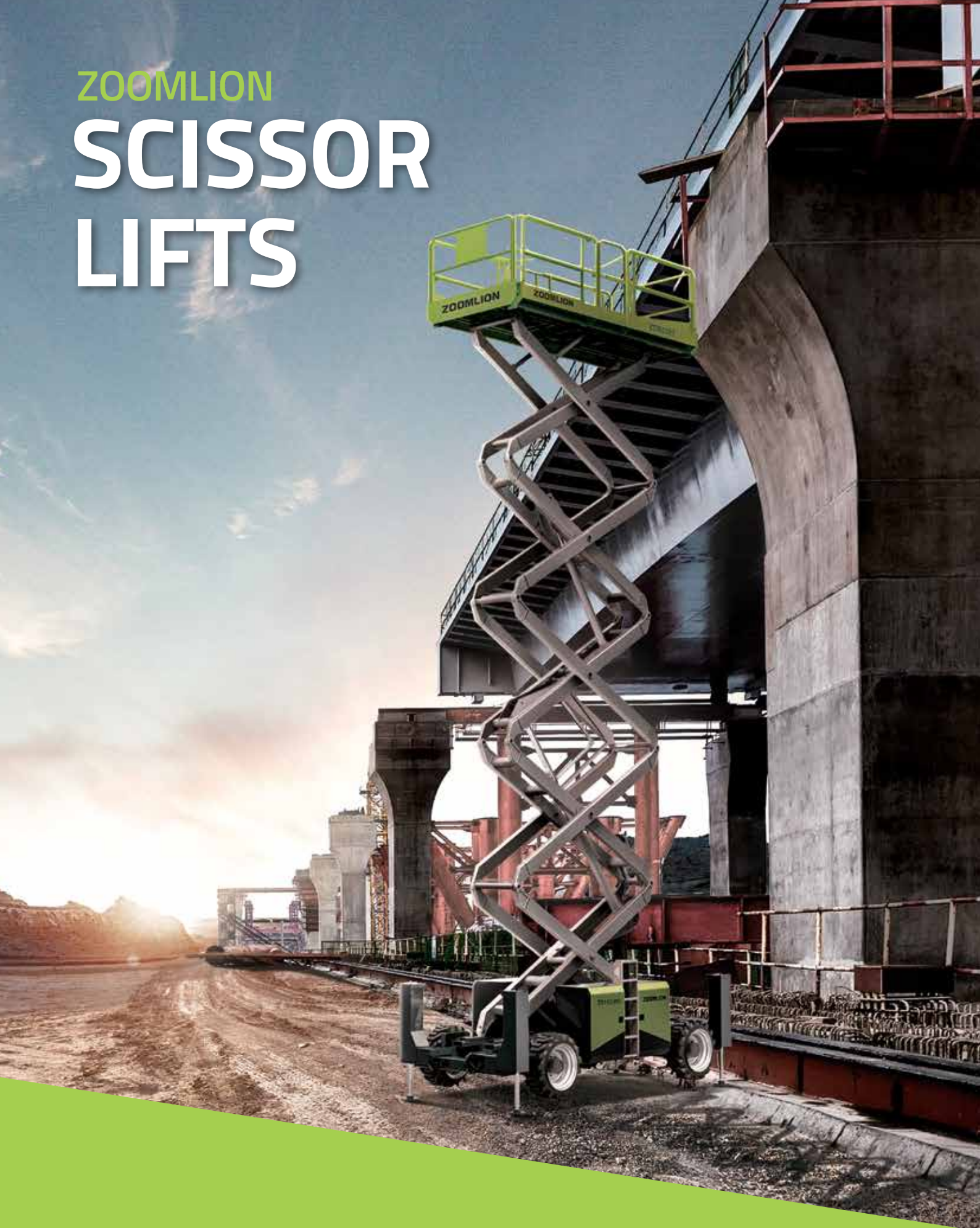


ZOOMLION SCISSOR LIFTS



ZOOMLION
ITALIA

CE



SCISSOR LIFTS

ZOOMLION History

ZOOMLION Group based in Changsha China, has more than 50 years of history of innovation. One of the major milestone in the history of the Group is the foundation of the CICM, lately ZOOMLION, the **Changsha Institute of Construction Machinery**. The institute did concentrate all its activity in research and development of technologies applied to construction and in particular to concrete transportation, pumping, lifting machines and tower cranes.

ZOOMLION Italy

In 2021 we inaugurated the production facility in Solferino (MN) in order to meet the needs of European logistics and concrete companies, and support them with direct assistance. **Our solutions**, consisting of a wide range of aerial working platforms, tower cranes, mobile cranes and truck mounted pumps, **are therefore designed specifically for the European market.**

9+

Countries R&D Center
overseas Bases

10+

Countries
Service platform

10+

Countries
Subsidiaries

200+

Dealers



Construction
Machinery



Agriculture
Industry



Financial
Service



ZValley

1956

Foundation of CICM
in Beijing, China

1969

CICM in Changde,
China

1978

CICM in Changsha,
China

1992

Establishment of
ZOOMLION in Changsha

1997

Establishment of
ZOOMLION Lifting
Machinery Co. Ltd. in China

2004

Started exploring the
international market

2008

Acquisition of CIFA
in Italy

2009

Changde factory
put into production

2011

Purchase of the JOST
Flat-top Technology
in Germany

2013

Set up a joint-venture and
started production in India

2014

Acquisition of RAXTAR
in Netherland

2018

Establishment of Zoomlion
CIFA Europe

2019

Changde Intelligent Factory
Phase 1 put into operation

2020

Jiangyin factory started
production

2021

Solferino (MN) plant
inaugurated in Italy.
Changde Intelligent Factory
Phase 2 completed

2023

Zoomlion CIFA Europe
becomes Zoomlion Italia

Zoomlion Vision

To be a World-class Enterprise in Equipment Manufacturing



**Scientific
& Technological
Industrialization**



**Development
Globalization**



**Industry
Technologization**

SCISSOR LIFTS

Electric models

Micro Scissor lifts



» Highlights

- Industry-leading work height of 6.5m with high working efficiency
- 30% gradeability provides strong adaptability
- Full electric driving system features energy saving, environmental protection and no noise, suitable for indoor operation
- Light weight and compact dimension ideal for space restricted applications
- Knuckles lubrication-free and maintenance-free
- Drawer-type tray easy to service
- Battery Management System (BMS) + Machine control system provide dual protection

» Models

- ZS0407DC
- ZS0407DC-Li

Full Electric



» Highlights

- 100% electric drive with a longer lifespan
- No leak, zero emission, greener, adapt to working conditions with strict environmental requirement
- Easy to maintain and with a drawer type tray easy to service
- Energy recovery device that improves working time by 15%
- Load weighing system and real-time lifting height display with high accuracy

» Models

- ZS0407E
- ZS0607E



Electric models

AC Series



» Highlights

- High Performance
- The efficiency of direct electric-driven almost doubles hydraulic pump-driven
- Greater platform capacity with better performance on-the-job
- Front-wheel drive and brake offer mobility and versatility
- Easy Maintenance & Service
- Common components and modular design, easy to maintenance
- Bilateral swing-out trays (battery & hydraulic), simple to service
- Robust & build to last, reliable and safe

» Models

- | | |
|------------|------------|
| ▪ ZS0607AC | ▪ ZS1012AC |
| ▪ ZS0808AC | ▪ ZS1212AC |
| ▪ ZS0812AC | ▪ ZS1414AC |

AC-Li Series



» Highlights

- 5-year warranty for Li-ion battery
- Maintenance-free and durable Li-ion battery with a triple longer lifetime than traditional
- Quick-charge technology save time
- Preheating function built-in for cold weather regions
- Smart Battery Management System (BMS) guarantees safety power

» Models

- | | |
|----------------|---------------|
| ▪ ZS0607ACW-Li | ▪ ZS1012AC-Li |
| ▪ ZS0607AC-Li | ▪ ZS1212AC-Li |
| ▪ ZS0808AC-Li | ▪ ZS1414AC-Li |
| ▪ ZS0812AC-Li | |



Electric models

Crawler Series



» Highlights

- Rubber crawler provides small ground pressure and great obstacle crossing ability
- Pivot steering with good maneuverability
- Simple single handle control for steering and walking
- Work height of 8.8m with high working efficiency (ZS0610C only)
- Knuckles lubrication-free and maintenance-free
- AC motor full lifecycle maintenance-free

» Models

- ZS0508C
- ZS1216C
- ZS0610C



Rough terrain Scissor lifts



» Highlights

- Divable at full height, high working efficiency
- AC motor drive and oscillating axle, great off-road performance
- Click-to-level function
- 40% gradeability, good adaptability
- Large ground clearance, easy to travel across
- Light weight and compact for flexible application
- Knuckles lubrication-free and maintenance-free, swing-out tray easy to service

» Models

- ZS1218ERT



Diesel models

Rough terrain Scissor lifts



» Highlights

- Strong capacity of 680kg with high working efficiency
- 4WD and axle oscillation provide great off-road capability
- One-Click leveling function
- Bilateral power system effective to lower noise
- Knuckles lubrication-free and maintenance-free
- Swing-out tray easy to service

» Models

- ZS1023RT ▪ ZS1323RT ▪ ZS1623RT



SCISSOR LIFTS

Micro Scissor lifts

Comply with CE/ANSI/GB Standard



Model	ZS0407DC	ZS0407DC-Li
Size		
Work Height	6.5 m	6.5 m
Platform Height-Elevated	4.5 m	4.5 m
Platform Height-Stowed	0.95 m	0.95 m
Platform Length	1.29 m	1.29 m
Platform Width	0.7 m	0.7 m
Platform Extension	0.6 m	0.6 m
Overall Height (Rails Up)	2.05 m	2.05 m
Overall Height (Rails Down)	1.7 m	1.7 m
Overall Length	1.44 m	1.44 m
Overall Width	0.76 m	0.76 m
Wheelbase	1.05 m	1.05 m
Ground Clearance (Stowed)	0.06 m	0.06 m
Ground Clearance (Raised)	0.017 m	0.017 m
Performance		
Platform Capacity	240 kg	240 kg
Capacity on Deck Extension	100 kg	100 kg
Max. Number of Workers	2	2
Drive Speed (Stowed)	4 km/h	4 km/h
Drive Speed (Raised)	0.8 km/h	0.8 km/h
Turning Radius (Inside)	0.4 m	0.4 m
Turning Radius (Outside)	1.6 m	1.6 m
Lifting Motor	24V / 1.2kW	24V / 1.2kW
Drive Motor	24V / 2x0.45kW	24V / 2x0.45kW
Up/Down Time	23s / 25s	23s / 25s
Gradeability	30% (17°)	30% (17°)
Max. Working Slope (Lateral/Vertical)	1.5° / 3°	1.5° / 3°
Control	Proportional control	Proportional control
Drive	Rear wheels	Rear wheels
Brake	Rear wheels	Rear wheels
Tire	Ø230mm x 80mm	Ø230mm x 80mm
Power		
Battery	2x12V / 85Ah	80Ah Li-ion battery
Charger	24V / 15A	24V / 15A
Weight		
Gross	895 kg	895 kg



SCISSOR LIFTS

Full Electric

Comply with CE/ANSI/GB Standard

Model	ZS0407E	ZS0607E
Size		
Work Height	6.2 m / 5.6 m	7.8m / 6.4m
Platform Height-Elevated	4.2 m / 3.6 m	5.8m / 4.4m
Platform Height-Stowed	0.95 m	1.05 m
Platform Length	1.29 m	1.65 m
Platform Width	0.7 m	0.74 m
Platform Extension	0.6 m	0.91 m
Overall Height (Rails Up)	2.05 m	2.20 m
Overall Height (Rails Down)	1.7 m	1.79 m
Overall Length	1.44 m	1.85 m
Overall Width	0.76 m	0.76 m
Wheelbase	1.05 m	1.37 m
Ground Clearance (Stowed)	0.06 m	0.06 m
Ground Clearance (Raised)	0.017 m	0.016 m
Performance		
Platform Capacity	240 kg	230 kg
Capacity on Deck Extension	100 kg	113 kg
Max. Number of Workers	2 / 1	2 / 1
Drive Speed (Stowed)	4 km/h	4 km/h
Drive Speed (Raised)	0.8 km/h	0.8 km/h
Turning Radius (Inside)	0.4 m	0.1 m
Turning Radius (Outside)	1.6 m	1.6 m
Lifting Motor	24V / 1.2kW	24V / 1.8kW
Drive Motor	2x0.45 kW	2x0.65 kW
Up/Down Time	25s / 25s	25s / 25s
Gradeability	30% (17°)	25% (14°)
Max. Working Slope (Lateral/Vertical)	1.5° / 3°	1.5° / 3°
Drive	Rear Wheels	Front Wheels
Brake	Rear Wheels	Front Wheels
Tire	Ø230mm × 80mm	Ø323mm × 100mm
Power		
Battery	2×12V / 85Ah	4×6V / 170Ah
Charger	24V / 15A	24V / 30A
Weight		
Gross	920 kg	1455 kg

SCISSOR LIFTS

AC Series

Comply with CE/ANSI/GB Standard



Model	ZS0607AC	ZS0808AC	ZS0812AC	ZS1012AC	ZS1212AC	ZS1414AC
Size						
Work Height	7.8m / 6.4m	10.00m / 7.8m	10.00 m	11.80 m	13.80m / 10m	15.7m / 10.5m
Platform Height-Elevated	5.8m / 4.4m	8.00m / 5.8m	8.00 m	9.80 m	11.80m / 8m	13.7m / 8.5m
Platform Height-Stowed	1.05 m	1.26 m	1.26 m	1.39 m	1.52 m	1.54 m
Platform Length	1.65 m	2.30 m	2.30 m	2.30 m	2.30 m	2.67 m
Platform Width	0.74 m	0.81 m	1.20 m	1.12 m	1.12 m	1.40 m
Platform Extension	0.91 m	0.91 m	0.91 m	0.91 m	0.91 m	0.91 m
Overall Height (Rails Up)	2.20 m	2.4 m	2.4 m	2.53 m	2.66 m	2.68 m
Overall Height (Rails Down)	1.79 m	1.9 m	1.87 m	2 m	2.13 m	2.15 m
Overall Length	1.85 m	2.49 m	2.49 m	2.49 m	2.49 m	2.87 m
Overall Width	0.76 m	0.81 m	1.20 m	1.15 m	1.15 m	1.40 m
Wheelbase	1.37 m	1.85 m	1.85 m	1.85 m	1.85 m	2.22 m
Ground Clearance (Stowed)	0.06 m	0.11 m	0.11 m	0.11 m	0.11 m	0.11 m
Ground Clearance (Raised)	0.016 m	0.02 m	0.02 m	0.02 m	0.02 m	0.02 m
Performance						
Platform Capacity	230 kg	230 kg	450 kg	350 kg	350 kg	350 kg
Capacity on Deck Extension	113 kg	113 kg	113 kg	113 kg	113 kg	113 kg
Max. Number of Workers	Indoor: 2 Outdoor: 1	Indoor: 2 Outdoor: 1	Indoor: 2 Outdoor: 1	2/1	3/1 (CE) 2/1 (ANSI)	2/1
Drive Speed (Stowed)	4 km/h	4 km/h	4 km/h	4 km/h	4 km/h	4 km/h
Drive Speed (Raised)	0.8 km/h	0.8 km/h	0.8 km/h	0.8 km/h	0.8 km/h	0.8 km/h
Turning Radius (Inside)	0.1 m	0.1 m	0.1 m	0.1 m	0.1 m	0.1 m
Turning Radius (Outside)	1.6 m	2.1 m	2.2 m	2.2 m	2.2 m	2.6 m
Lifting Motor	24V / 3.3kW	24V/3.3 kW	24V / 3.3kW	24V/3.3 kW	24V / 3.3kW	24V/3.3 kW
Drive Motor	2 x 0.65 kW	2x0.75 kW	2x0.75 kW	2x0.75 kW	2x0.75 kW	2x0.75 kW
Up/Down Time	20s / 24s	31s / 40s	31s / 40s	60s / 35s	62s / 42s	88 / 60s
Gradeability	25% (14°)	25% (14°)	25% (14°)	25% (14°)	25% (14°)	25%
Max. Working Slope (Lateral/Vertical)	1.5° / 3°	1.5° / 3°	2° / 3°	1.5° / 3°	1.5° / 3°	1.5° / 3°
Control	Proportional Control	Proportional Control	Proportional Control	Proportional Control	Proportional Control	Proportional Control
Drive	Front Wheels	Front Wheels	Front Wheels	Front Wheels	Front Wheels	Front Wheels
Brake	Front Wheels	Front Wheels	Front Wheels	Front Wheels	Front Wheels	Front Wheels
Tire	Ø323mm×100mm	Ø381mm×127mm	Ø381mm×127mm	Ø381mm×127mm	Ø381mm×127mm	Ø381mmX127mm
Power						
Battery	4x6V / 170Ah 4x6V / 180Ah	4x6V / 170Ah 4x6V / 190Ah	4x6V/170Ah 4x6V/190Ah	4x6V / 220Ah 4x6V / 210Ah	4x6V / 220Ah 4x12V / 270Ah	4x6V / 220Ah 4x12V / 270Ah
Charger	24V / 30A	24V / 30A	24V / 30A	24V / 30A	24V / 30A	24V / 30A
Charger (Option)	-	-	24V / 60A	-	-	-
Weight						
Gross	1455 kg	2090 kg	2550 kg	2930 kg	3000 kg	3310 kg



SCISSOR LIFTS

AC-Li Series

Comply with CE/ANSI/GB Standard

Model	ZS0607ACW-Li	ZS0607AC-Li	ZS0808AC-Li	ZS0812AC-Li	ZS1012AC-Li	ZS1212AC-Li	ZS1414AC-Li
Size							
Work Height	7.8m	7.8m / 6.4m	10.00m / 7.8m	10.00 m	11.80 m	13.8m / 10m	15.7m / 10.5m
Platform Height-Elevated	5.8m	5.8m / 4.4m	8.00m / 5.8m	8.00 m	9.80 m	11.8m / 8m	13.7m / 8.5m
Platform Height-Stowed	1.05 m	1.05 m	1.26 m	1.26 m	1.39 m	1.52 m	1.54 m
Platform Length	1.65 m	1.65 m	2.30 m	2.30 m	2.30 m	2.30 m	2.67 m
Platform Width	0.74 m	0.74 m	0.81 m	1.20 m	1.12 m	1.12 m	1.40 m
Platform Extension	0.91 m	0.91 m	0.91 m	0.91 m	0.91 m	0.91 m	0.91 m
Overall Height (Rails up)	2.2 m	2.2 m	2.4 m	2.4 m	2.53 m	2.66 m	2.68 m
Overall Height (Rails down)	1.79 m	1.79 m	1.9 m	1.87 m	2 m	2.13 m	2.15 m
Overall Length	1.85 m	1.85 m	2.49 m	2.49 m	2.49 m	2.49 m	2.87 m
Overall Width	0.76 m	0.76 m	0.81 m	1.20 m	1.15 m	1.15 m	1.40 m
Wheelbase	1.37 m	1.37 m	1.85 m	1.85 m	1.85 m	1.85 m	2.22 m
Ground Clearance (Stowed)	0.06 m	0.06 m	0.11 m	0.11 m	0.11 m	0.11 m	0.11 m
Ground Clearance (Raised)	0.016 m	0.016 m	0.02 m	0.02 m	0.02 m	0.02 m	0.02 m
Performance							
Platform Capacity	230 kg	230 kg	230 kg	450 kg	350 kg	350 kg	350 kg
Capacity on Deck Extension	113 kg	113 kg	113 kg	113 kg	113 kg	113 kg	113 kg
Max. Number of Workers	2	2	2	Indoor: 2 Outdoor: 1	2/1	3/1 (CE) 2/1 (ANSI)	2/1
Drive Speed (Stowed)	4 km/h	4 km/h	4 km/h	4 km/h	4 km/h	4 km/h	4 km/h
Drive Speed (Raised)	0.8 km/h	0.8 km/h	0.8 km/h	0.8 km/h	0.8 km/h	0.8 km/h	0.8 km/h
Turning Radius (Inside)	0.1 m	0.1 m	0.1 m	0.1 m	0.1 m	0.1 m	0.1 m
Turning Radius (Outside)	1.6 m	1.6 m	2.1 m	2.2 m	2.2 m	2.2 m	2.6 m
Lifting Motor	24V / 3.3 kW	24V / 3.3 kW	24V / 3.3 kW	24V / 3.3 kW	24V / 3.3 kW	24V / 4.5 kW	24V / 3.3 kW
Drive Motor	2 × 0.65 kW	2 × 0.65 kW	2 × 0.75 kW	2 × 0.75 kW	2 × 0.75 kW	2 × 0.75 kW	2 × 0.75 kW
Up/Down Time	20s / 24s	20s / 24s	31s / 40s	31s / 40s	60s / 35s	62s / 42s	88 / 60s
Gradeability	25% (14°)	25% (14°)	25% (14°)	25% (14°)	25% (14°)	25% (14°)	25%
Max. Working Slope (Lateral/Vertical)	1.5° / 3°	1.5° / 3°	1.5° / 3°	2° / 3°	1.5° / 3°	1.5° / 3°	1.5° / 3°
Control	Proportional Control	Proportional Control	Proportional Control	Proportional Control	Proportional Control	Proportional Control	Proportional Control
Drive	Front Wheels	Front Wheels	Front Wheels	Front Wheels	Front Wheels	Front Wheels	Front Wheels
Brake	Front Wheels	Front Wheels	Front Wheels	Front Wheels	Front Wheels	Front Wheels	Front Wheels
Tire	Ø323mm- x100mm	Ø323mm- x100mm	Ø381mm- x127mm	Ø381mm- x127mm	Ø381mm- x127mm	Ø381mm- x127mm	Ø381mm- x127mm
Power							
Battery	160Ah Li-ion	160Ah Li-ion	160Ah Li-ion	230Ah Li-ion	230Ah Li-ion	230Ah Li-ion	230Ah Li-ion
Charger	24V / 30A	24V / 30A	24V / 30A	24V / 30A	24V / 30A	24V / 30A	24V / 30A
Charger (Option)	-	-	24V / 60A	24V / 60A	24V / 60A	24V / 60A	24V / 60A
Weight							
Gross	1620 kg	1455 kg	2090 kg	2550 kg	2930 kg	3000 kg	3310 kg

SCISSOR LIFTS

Crawler

Comply with CE/ANSI/GB Standard



Model	ZS0508C	ZS0610C	ZS1216C
Size			
Work Height	6.5 m	8.8 m	13.8m
Platform Height-Elevated	4.5 m	6.8 m	11.8 m
Platform Height-Stowed	0.99 m	1.12 m	1.62 m
Platform Length	1.29 m	1.94 m	2.3 m
Platform Width	0.7 m	0.95 m	1.12 m
Platform Extension	0.6 m	0.91 m	0.91 m
Overall Height (Rails up)	2.1 m	2.26 m	2.76 m
Overall Height (Rails down)	1.74 m	1.77 m	2.23 m
Overall Length	1.46 m	2.1 m	2.75 m
Overall Width	0.81 m	1.05 m	1.6 m
Ground Clearance	0.07 m	0.127 m	0.15 m
Performance			
Platform Capacity	240 kg	250 kg	350 kg
Capacity on Deck Extension	100 kg	113 kg	113 kg
Max. Number of Workers	1	2	2
Drive Speed (Stowed)	2 km/h	2 km/h	2 km/h
Drive Speed (Raised)	0 km/h	0 km/h	0 km/h
Turning Radius	0 m	0 m	0 m
Drive Motor	24V / 2x0.77kW	24V / 2x1.8kW	2x4kW
Up/Down Time	23s / 25s	34s / 30s	62s / 42s
Gradeability	25% (14°)	30% (17°)	30% (17°)
Max. Working Slope (Lateral/Vertical)	1.7° / 1.7°	2° / 2°	2° / 3°
Drive	Rear wheels	Rear wheels	Rear Wheels
Brake	Rear wheels	Rear wheels	Rear Wheels
Power			
Battery	2x12V/115Ah	4x6V/220Ah 4x12V/300Ah (US)	8x6V / 170Ah 8x6V / 180Ah
Charger	24V / 30A	24V / 30A	48V / 35A
Weight			
Gross	895 kg	1700 kg	3750 kg



SCISSOR LIFTS

Rough terrain

Comply with CE/ANSI/GB Standard

Model	ZS1218ERT
Dimensions	
Work Height	13.8 m
Platform Height-Elevated	11.8 m
Platform Height-Stowed	1.65 m
Platform Length (With/Without Outriggers)	2.75 m
Platform Width	1.52 m
Platform Extension	1.2 m
Overall Height (Rails Up)	2.74 m
Overall Height (Rails Down)	2.05 m
Overall Length (With/Without Outriggers)	3.5 m
Overall Width	1.75 m
Wheelbase	1.95 m
Ground Clearance	0.24 m
Performance	
Platform Capacity	350 kg
Capacity on Deck Extension	113 kg
Drive Height	full height
Max. Number of Workers	3 / 2
Drive Speed (Stowed)	6 km/h
Drive Speed (Raised)	0.5 km/h
Turning Radius (Inside)	2 m
Turning Radius (Outside)	4.2 m
Lifting Motor	48V / 5.0kW
Drive Motor	2×32VAC / 3.3kW
Up/Down Time	55s / 50s
Gradeability	40%
Max. Working Slope (Lateral/Vertical)	2° / 3°
Control	Proportional Control
Drive	Rear Wheels
Brake	Rear Wheels
Tire	Ø675mm x 280mm
Power	
Battery	8×6V/220Ah (DISCOVER)
Charger	8×6V/230Ah (QUIMO)
	48V / 35A
Weight	
Gross	4900 kg

SCISSOR LIFTS

Rough terrain

Comply with CE/ANSI/GB Standard



Model	ZS1023RT	ZS1323RT	ZS1623RT
Size			
Work Height	12 m	15 m	18 m
Platform Height-Elevated	10 m	13 m	16 m
Platform Height-Stowed	1.63 m	1.83 m	2.03 m
Platform Length	3.98 m	3.98 m	3.98 m
Platform Width	1.83 m	1.83 m	1.83 m
Platform Extension	1.3 m	1.3 m	1.3 m
Overall Height (Rails up)	2.74 m	2.95 m	3.16 m
Overall Height (Rails down)	2.05 m	2.26 m	2.47 m
Overall Length (With Legs)	4.88 m	4.88 m	4.88 m
Overall Length (Without Legs)	3.98 m	3.98 m	3.98 m
Overall Width	2.3 m	2.3 m	2.3 m
Wheelbase	2.9 m	2.9 m	2.9 m
Ground Clearance	0.275 m	0.275 m	0.275 m
Performance			
Platform Capacity	1150 kg	680 kg	680 kg
Capacity on Deck Extension	230 kg	230 kg	230 kg
Drive Height	10 m	13 m	9 m
Max. Number of Workers	7	7	4
Drive Speed (Stowed)	6.5 km/h	6.5 km/h	6.5 km/h
Drive Speed (Raised)	0.5 km/h	0.5 km/h	0.5 km/h
Turning Radius (Inside)	2.75 m	2.75 m	2.75 m
Turning Radius (Outside)	5.8 m	5.8 m	5.8 m
Up/Down Time	45s / 52s	48s / 52s	60s / 65s
Gradeability	50% (28°)	50% (28°)	40% (22°)
Max. Working Slope (Lateral/Vertical)	2° / 3°	2° / 3°	2° / 3°
Drive	4WD	4WD	4WD
Tire	33×12-20/8 Solid Tire	33×12-20/8 Solid Tire	33×12-20/8 Solid Tire
Power			
Engine	V2403-CR-E5B-ZML-2	V2403-CR-E5B-ZML-2	Kubota v2403-M-DI
Engine Power	36.8kw/2700rpm	36.8kw/2700rpm	36kw / 2600rpm
Fuel Tank Capacity	105 l	105 l	105 l
Diesel Tank	100 l	100 l	100 l
Weight			
Gross	7350 kg	7850 kg	8650 kg



VISION CREATES FUTURE

ZOOMLION
ITALIA

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