

ZOOMLION ARTICULATED BOOM LIFTS



ZOOMLION
ITALIA

CE



ARTICULATED BOOM 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**

ARTICULATED BOOM LIFTS

Electric models

ZA10RJE



» Highlights

- Layout with central boom, balanced and sturdy design
- Efficient dual control system: valve and pump
- Powerful AC motor: precise control and reliable performance
- $\pm 90^\circ$ Jib rotation offers great up and over height
- Compact dimension of 1.2 m stowed width, ideal for working in narrow spaces
- Tubular batteries made for long working sessions, great lifespan and easy to maintain

ZA14JE / ZA14JE-Li



» Highlights

- Layout with central boom, balanced and sturdy design
- Efficient dual control system: valve and pump
- Powerful AC motor and drive system with on board control: precise, reliable and maintenance free
- Independent auxiliary power system for more secure application
- Maintenance free lithium battery up to 2500 cycles and 5-year warranty (ZA14JE-Li only)
- IStandard fast charger for short charging time of 7 hours (ZA14JE-Li Only)



Electric models

ZA14NJE / ZA14NJE-Li



» Highlights

- Layout with central boom, balanced and sturdy design
- Efficient dual control system: valve and pump
- Powerful AC motor and drive system with on board control: precise, reliable and maintenance free
- Independent auxiliary power system for more secure application
- Maintenance free lithium battery up to 2500 cycles and 5-year warranty (ZA14NJE-Li only)
- IStandard fast charger for short charging time of 7 hours (ZA14NJE-Li only)



ZA16JERT / ZA16JERT-Li



» Highlights

- Layout with central boom, balanced and sturdy design
- Powerful AC motor and drive system: precise control, reliable and maintenance free
- First electrical off-road articulated boom lift reaches up to 16 m height suitable to all work conditions (ZA16JERT only)
- 4WD ideal for off-road applications (ZA16JERT-Li only)
- Efficient dual control system: valve and pump
- Maintenance free lithium battery up to 2500 cycles and 5-year warranty (ZA16JERT-Li only)



ARTICULATED BOOM LIFTS

Electric models

ZA20JE



» Highlights

- Powerful AC motor and drive system with on board control: precise, reliable and maintenance free
- Independent auxiliary power system for more secure application
- Best in class work height, 21.45 m, and lift capacity, up to 250 Kg

ZA20JERT-Li



» Highlights

- Great work height up to 21.8 m and outstanding lift capacity 250/360 Kg
- Fast lift function: boom can be lowered to ground level from the highest position without folding the boom sections
- Powerful AC motor and drive system: precise, reliable and maintenance free
- Independent auxiliary power system for more secure application
- Maintenance free lithium battery up to 2500 cycles and 5-year warranty



Diesel models

ZA14J



» Highlights

- Outstanding platform capacity up to 300 Kg
- Built-in multiple pressure control leveling system to enhance stability
- Precise load sensing system to prevent overload operations
- Integrated rotary reducer for improved stability
- Dust protection kit for tough working environment
- Deadweight Lowering System for smooth operation

ZA20J



» Highlights

- Light weight design yet great platform capacity up to 250 Kg
- Built-in multiple pressure control leveling system to enhance stability
- Precise load sensing system to prevent overload operations
- Integrated rotary reducer for improved stability
- Dust protection kit for tough working environment
- Deadweight Lowering System for smooth operation
- Fast lifting function: boom lowering without boom folding operations



ARTICULATED BOOM LIFTS

Diesel models

ZA24J



» Highlights

- Platform capacity up to 250 Kg
- Built-in multiple pressure control leveling system to enhance stability
- Precise load sensing system to prevent overload operations
- Fast lifting function: boom lowering without boom folding operations
- Great negative reach up to 5.1 m
- Maximum working height up to 26.5 m

ZA32J



» Highlights

- Increased lift capacity up to 250 Kg, 28% improved efficiency
- Built-in multiple pressure control leveling system to enhance stability
- Precise load sensing system to prevent overload operations
- Deadweight Lowering System for smooth operation
- Great negative reach up to 5.7 m





ZOOMLION

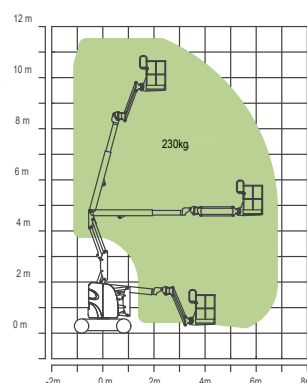
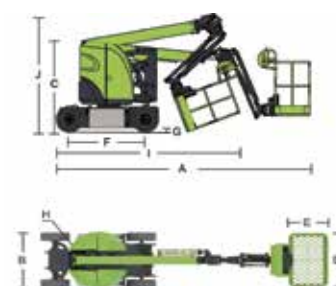
ARTICULATED BOOM LIFTS

ZA10RJE

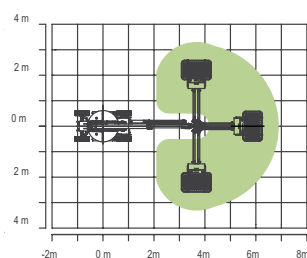
Comply with CE/ANSI/GB Standard



Model	ZA10RJE
Size	
Work Height	11.55 m
Platform Height	9.55 m
Horizontal Outreach	6.85 m
Up and Over Height	4.6 m
A - Stowed Length	5.5 m
B - Stowed Width	1.19 m
C - Stowed Height	1.98 m
D - Basket Length	1.17 m
D - Basket Length	0.76 m
Jib Height	1.24 m
F - Wheelbase	1.65 m
G - Ground Clearance	0.1 m
I - Transport Length (Jib tucked under)	3.95 m
J - Transport Height (Jib tucked under)	2.45 m
Performance	
Platform Capacity	230 kg
Drive Speed	5 km/h
Gradeability	35% (19°)
Axles Oscillation	-
Turning Radius (Inside)	1.7 m
Turning Radius (Outside)	3.25 m
Jib Swing	355° non-continuous
Turntable Swing	±90°
Platform Rotation	±90°
H-Tail Swing	0m
Max. Working Slope	-
Max. Wind Speed	12.5 m/s
Power	
Battery	24×2V / 330Ah
Charger	48V / 35A
Drive Motor	AC 32V / 3.3kW
Lift Motor	DC 48V / 4.5kW
Auxiliary Power	Electric pump DC
Hydraulic Tank Capacity	15 l
Tire	
Type	22x7x17.75 seamless tire
Weight	
Gross	6550 kg



Range of Motion ZA10RJE



Range of Jib Swing Motion ZA10RJE

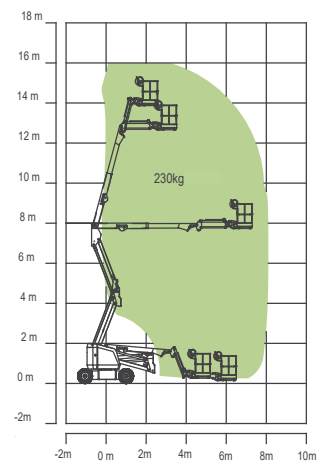


ARTICULATED BOOM LIFTS

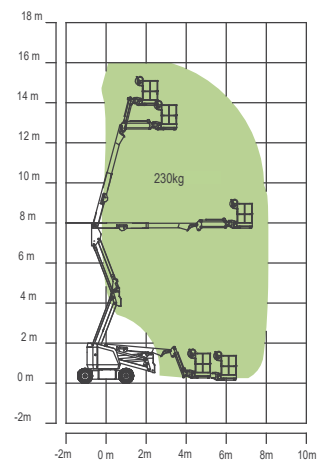
ZA14JE / ZA14JE-Li

Comply with CE/ANSI/GB Standard

Model	ZA14JE	ZA14JE-Li
Size		
Work Height	16 m	16 m
Platform Height	14 m	14 m
Horizontal Outreach	8.1 m	8.1 m
Up and Over Height	7.74 m	7.74 m
A - Stowed Length	6.6 m	6.6 m
B - Stowed Width	1.75 m	1.75 m
C - Stowed Height	2 m	2 m
D - Platform Length	1.52 m	1.52 m
E - Platform Width	0.76 m	0.76 m
F - Wheelbase	2.05 m	2.05 m
G - Ground Clearance	0.2 m	0.2 m
Performance		
Platform Capacity	230 kg	230 kg
Drive Speed	6.1km/h	5.4km/h
Gradeability	30% (17°)	30% (17°)
Axles Oscillation	/	/
Turning Radius (Inside)	0.79 m	0.79 m
Turning Radius (Outside)	3.15 m	3.15 m
Turntable Swing	360° non-continuous	360° continuous
Platform Rotation	±90°	±90°
H-Tail Swing	0m	0m
Max. Working Slope	3° / 4°	3° / 4°
Max. Wind Speed	12.5 m/s	12.5 m/s
Power		
Battery	24×2V / 320Ah (C5)	48V / 315Ah Li-ion
Charger	48V/35A 48V/60A	48V / 60A
Drive Motor	AC 32V	AC 32V
Lift Motor	DC 48V	DC 48V
Auxiliary Power	Manual Pump	Electric Pump
Hydraulic Tank Capacity	30 l	30 l
Tire		
Type	250/15 Solid Tires	240/55D17.5 Foam-filled Tires
Weight		
Gross	6800 kg	6800 kg



Range of Motion ZA14JE



Range of Motion ZA14JE-Li

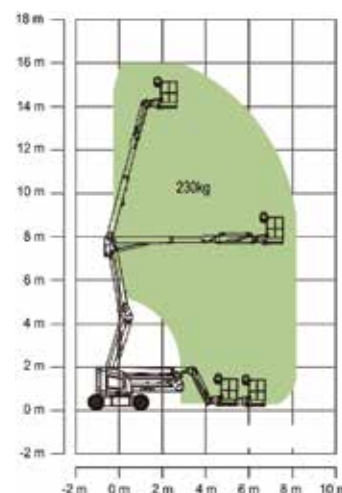
ARTICULATED BOOM LIFTS

ZA14NJE / ZA14NJE-Li

Comply with CE/ANSI/GB Standard



Model	ZA14NJE	ZA14NJE-Li
Size		
Work Height	16 m	16 m
Platform Height	14 m	14 m
Horizontal Outreach	8.14 m	8.14 m
Up and Over Height	7.74 m	7.74 m
A - Stowed Length	6.6 m	6.6 m
B - Stowed Width	1.75 m	1.75 m
C - Stowed Height	2 m	2 m
D - Platform Length	1.52 m	1.52 m
E - Platform Width	0.76 m	0.76 m
F - Wheelbase	2.05 m	2.05 m
G - Ground Clearance	0.2 m	0.2 m
Performance		
Platform Capacity	230 kg	230 kg
Drive Speed	6.1 km/h	5.4 km/h
Gradeability	30% (17°)	30% (17°)
Axles Oscillation	/	/
Turning Radius (Inside)	0.79 m	0.79 m
Turning Radius (Outside)	3.15 m	3.15 m
Turntable Swing	360° non-continuous	360° continuous
Platform Rotation	±90°	±90°
H-Tail Swing	0.2 m	0.2 m
Max. Working Slope	3° / 4°	3° / 4°
Max. Wind Speed	12.5 m/s	12.5 m/s
Power		
Battery	2x24V/320Ah (C5)	48V/315Ah Li-ion
Charger	48V/35A 48V/60A	48V / 60A
Drive Motor	AC 32V	AC 32V
Lift Motor	DC 48V	DC 48V
Auxiliary Power	Manual Pump	Electric Pump
Hydraulic Tank Capacity	30 l	30 l
Tire		
Type	250-15 Solid tire 240/55D17.5 Foam-filled tire	250-15 Solid tire 240/55D17.5 Foam-filled tire
Weight		
Gross	6700 kg	6700 kg



Range of Motion ZA14NJE/ZA14NJE-Li

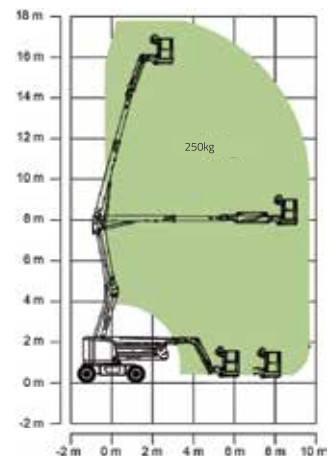
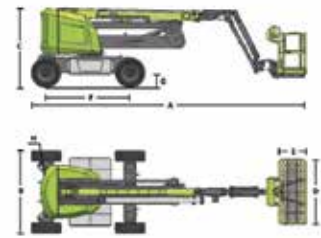


ARTICULATED BOOM LIFTS

ZA16JERT / ZA16JERT-Li

Comply with CE/ANSI/GB Standard

Model	ZA16JERT	ZA16JERT-Li
Size		
Work Height	17.8 m	17.8 m
Platform Height	15.8 m	15.8 m
Horizontal Outreach	9.72 m	9.72 m
Up and Over Height	8 m	8 m
A - Stowed Length	7.7 m	7.7 m
B - Stowed Width	2.3 m	2.3 m
C - Stowed Height	2.23 m	2.23 m
D - Basket Length	1.83 m	1.52 m
D - Basket Length	0.76 m	0.76 m
F - Wheelbase	2.36 m	2.36 m
G - Ground Clearance	0.36 m	0.36 m
Performance		
Platform Capacity	250 kg	250 kg
Drive Speed	6.1 km/h	5.4 km/h
Gradeability	45% (24°)	45% (24°)
Axles Oscillation	0.2 m	0.2 m
Turning Radius (Inside)	2.06 m	2.06 m
Turning Radius (Outside)	4.78 m	4.78 m
Turret Swing	360° non-continuous	360° non-continuous
Platform Rotation	±90°	±90°
H - Tail Swing	0.2 m	0.2 m
Max. Working Slope	5°	5°
Max. Wind Speed	12.5 m/s	12.5 m/s
Power		
Battery	24x2V / 320Ah	48V / 315Ah Li-ion battery
Charger	48V / 35A	48V / 60A
Drive Motor	AC 32V	AC 32V
Lift Motor	AC 32V	AC 32V
Auxiliary Power	12 DC Electrical pump	12 DC Electrical pump
Hydraulic Tank Capacity	30 l	30 l
Tire		
Type	33x12 Foam-filled tires	33x12 Foam-filled tire
Weight		
Gross	7300 kg	7300 kg



Range of Motion ZA16JERT/ZA16JERT-Li

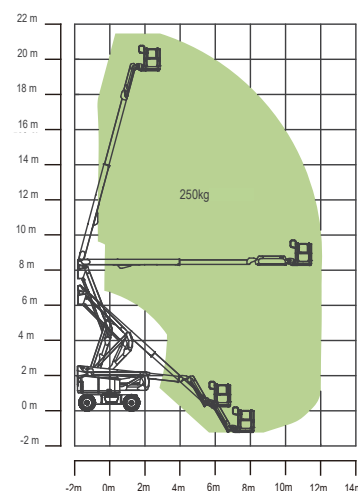
ARTICULATED BOOM LIFTS

ZA20JE

Comply with CE/ANSI/GB Standard



Model	ZA20JE
Size	
Work Height	21.45 m
Platform Height	19.45 m
Horizontal Outreach	12.05 m
Up and Over Height	8.25 m
A - Stowed Length	8.72 m
B - Stowed Width	2.46 m
C - Stowed Height	2.52 m
D - Basket Length	1.83 m (Standard) 2.44 m (Option)
D - Basket Length	0.76 m (Standard) 0.91 m (Option)
F - Wheelbase	2.52 m
G - Ground Clearance	0.33 m
Performance	
Platform Capacity	250 kg
Drive Speed	6.1 km/h
Gradeability	45% (24°)
Axles Oscillation	0.2 m
Turning Radius (Inside)	2.78 m
Turning Radius (Outside)	5.49 m
Swing	360° continuous 400° non-continuous
Platform Rotation	±90°
H - Tail Swing	0.6 m
Max. Working Slope	3° / 5°
Max. Wind Speed	12.5 m/s
Power	
Battery	24x2V / 440Ah
Charger	48V / 60A
Drive Motor	AC 32V / 3.3 kW
Lift Motor	AC 32V / 10 kW
Auxiliary Power	12V DC
Hydraulic Tank Capacity	75 l
Drive	4WD
Tire	
Type	33x12 D610 Foam-filled tires
Weight	
Gross	9200 kg



Range of Motion ZA20JE/ZA20JERT-Li

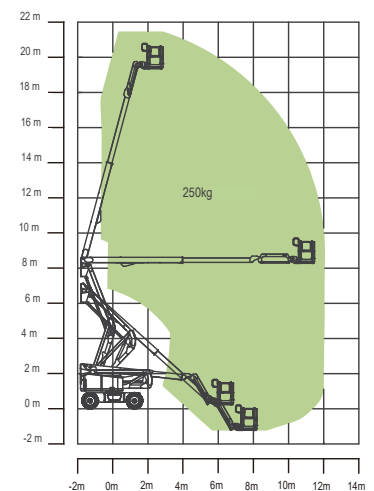
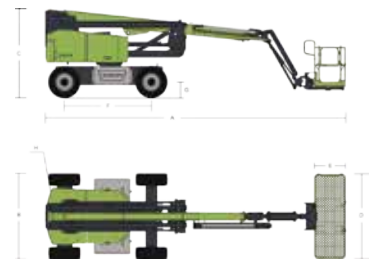
ARTICULATED BOOM LIFTS

ZA20JERT-Li

Comply with CE/ANSI/GB Standard



Model	ZA20JERT-Li
Size	
Work Height	21.38 m
Platform Height	19.38 m
Horizontal Outreach	12.1 m
Up and Over Height	8.25 m
A - Stowed Length	8.8 m
B - Stowed Width	2.46 m
C - Stowed Height	2.52 m
D - Basket Length	244 m
D - Basket Length	0.91 m
F - Wheelbase	2.52 m
G - Ground Clearance	0.4 m
Performance	
Platform Capacity	250 kg / 360 kg
Drive Speed	5.2 km/h
Gradeability	45%
Axles Oscillation	0.2 m
Turning Radius (Inside)	2.78 m
Turning Radius (Outside)	5.49 m
Swing	360° continuous
Platform Rotation	±90°
H - Tail Swing	0.64 m
Max. Working Slope	3° / 5°
Max. Wind Speed	12.5 m/s
Power	
Battery	48V / 315Ah Li-ion battery
Charger	48V / 60 A
Drive Motor	AC 32 V
Lift Motor	AC 32 V
Auxiliary Power	12 V DC Electrical pump
Hydraulic Tank Capacity	75 l
Tire	
Type	33x12 D610 Foam-filled tires
Weight	
Gross	9250 kg



Range of Motion ZA20JE/ZA20JERT-Li

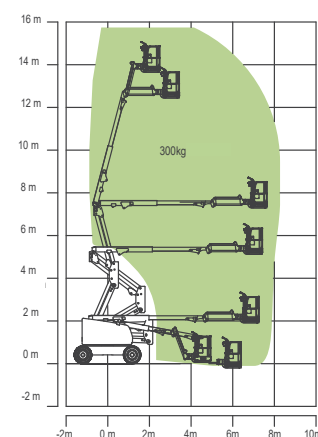
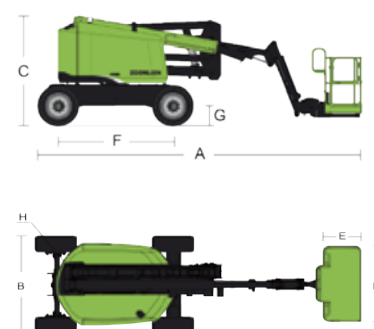
ARTICULATED BOOM LIFTS

ZA14J

Comply with CE/ANSI/GB Standard



Model	ZA14J
Size	
Work Height	15.8 m
Platform Height	13.8 m
Horizontal Outreach	8.3 m
Up and Over Height	7.55 m
A - Stowed Length	6.57 m
B - Stowed Width	2.3 m
C - Stowed Height	2.27 m
D - Platform Length	1.83 m
E - Platform Width	0.76 m
F - Wheelbase	1.24 m
G - Ground Clearance	2.36 m
G - Ground Clearance	0.42 m
Performance	
Platform Capacity	300 kg
Drive Speed	6.8 km/h
Gradeability	45% (24°)
Axles Oscillation	0.1 m
Turning Radius (Inside)	2.06 m
Turning Radius (Outside)	4.78 m
Swing	355° non-continuous
Platform Rotation	±90°
H - Tail Swing	0
Max. Wind Speed	12.5 m/s
Power	
Diesel Engine	Kubota V2403 36kW / 2600rpm Weichai WP3.2G50E317A 36.8kW / 2500rpm Deutz D2.9 L4 36.4kW / 2600rpm
Fuel Tank Capacity	65 l
Auxiliary Power	12 V
Control Voltage	12 V
Hydraulic System Capacity	150 l
Hydraulic Tank Capacity	76 l
Drive	4WD
Tire	
Type	315/55 D20 Foam-filled tires 33x12-20 Solid Tires
Weight	
Gross	7100 kg



Range of Motion ZA14J

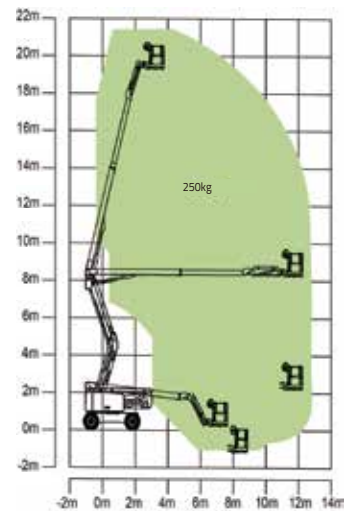


ARTICULATED BOOM LIFTS

ZA20J

Comply with CE/ANSI/GB Standard

Model	ZA20J
Size	
Work Height	21.38 m
Platform Height	19.38 m
Horizontal Outreach	12.3 m
Up and Over Height	8.25 m
A - Stowed Length	8.82 m
B - Stowed Width	2.46 m
C - Stowed Height	2.52 m
D - Basket Length	2.44m / 1.83 m
D - Basket Length	0.91m / 0.76 m
Jib Length	1.53 m
F - Wheelbase	2.52 m
G - Ground Clearance	0.42 m
Performance	
Platform Capacity	250 kg
Drive Speed	6.1 km/h
Gradeability	45% (24°)
Axles Oscillation	0.2 m
Turning Radius (Inside)	2.51 m
Turning Radius (Outside)	5.47 m
Turret Swing	360° continuous
Platform Rotation	±90°
H - Tail Swing	0.4 m
Max. Wind Speed	12.5 m/s
Power	
Diesel Engine	Kubota V2403 36kW/2600rpm Weichai WP3.2G50E317A 36.8kW/2500rpm
Fuel Tank Capacity	150 l
Auxiliary Power	12 V
Control Voltage	12 V
Hydraulic System Capacity	160 l
Hydraulic Tank Capacity	75 l
Tire	
Type	33×12/D610 Foam-filled tires
Weight	
Gross	10000 kg



Range of Motion ZA20J

ZOOMLION

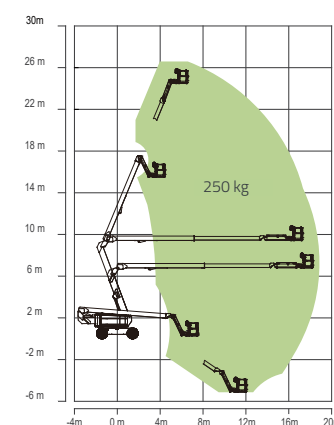
ARTICULATED BOOM LIFTS

ZA24J

Comply with CE/ANSI/GB Standard



Model	ZA24J
Size	
Work Height	26.5 m
Platform Height	24.5 m
Horizontal Outreach	18.9 m
Up and Over Height	9.42 m
A - Stowed Length	11.25 m
B - Stowed Width	2.49 m
C - Stowed Height	3 m
D - Basket Length	2.44 m
D - Basket Length	0.91 m
Jib Length	1.83 m
F - Wheelbase	3.05 m
G - Ground Clearance	0.4 m
Performance	
Platform Capacity	250 kg
Drive Speed	5 km/h
Gradeability	45% (24 °)
Axles Oscillation	0.2 m
Turning Radius (Inside)	3.35 m
Turning Radius (Outside)	6.48 m
Swing	360° continuous
Platform Rotation	±90°
H - Tail Swing	0.94 m
Max. Wind Speed	12.5 m/s
Power	
Diesel Engine	Cummins QSF2.8 54kW/2400rpm
Fuel Tank Capacity	150 l
Auxiliary Power	12 V
Control Voltage	12 V
Hydraulic System Capacity	240 l
Hydraulic Tank Capacity	180 l
Drive	4WD
Tire	
Type	15-625 Foam-filled tires
Weight	
Gross	18300 kg



Range of Motion ZA24J

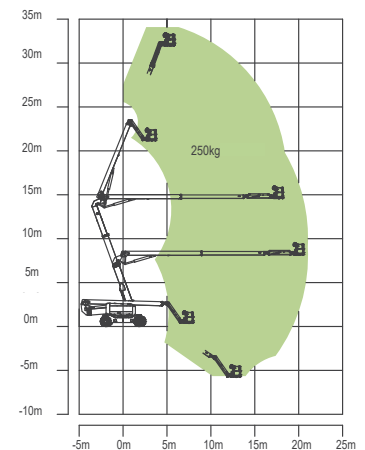
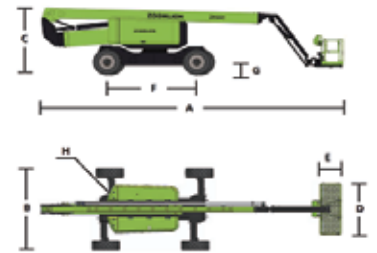


ARTICULATED BOOM LIFTS

ZA32J

Comply with CE/ANSI/GB Standard

Model	ZA32J
Size	
Work Height	33.85 m
Platform Height	31.85 m
Horizontal Outreach	21.17 m
Up and Over Height	14.52 m
A - Stowed Length	12.6 m
B - Stowed Width	2.49 m
C - Stowed Height	3.1 m
D - Basket Length	2.44 m
D - Basket Length	0.91 m
Jib Length	2.44 m
F - Wheelbase	3.81 m
G - Ground Clearance	0.42 m
Performance	
Platform Capacity	250 kg
Drive Speed	5.2 km/h
Gradeability	45% (24°)
Axles Oscillation	0.2 m
Turning Radius (Inside)	7.7m / 3.3m
Turning Radius (Outside)	10.8m / 8.2m
Swing	360° continuous
Platform Rotation	±90°
H - Tail Swing	0
Max. Wind Speed	12.5 m/s
Power	
Diesel Engine	Cummins QSF2.8 54kW/2400rpm
Fuel Tank Capacity	200 l
Auxiliary Power	12 V
Control Voltage	12 V
Hydraulic System Capacity	300 l
Hydraulic Tank Capacity	200 l
Tire	
Type	445/50D710 Foam-filled tires
Weight	
Gross	19200 kg



Range of Motion ZA32J

VISION CREATES FUTURE

ZOOMLION
ITALIA

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