










# Self-Propelled Articulating Booms

## Z<sup>™</sup> -34/22 DC & Bi-Energy

### Specifications

Models	Z-34/22 DC		Z-34/22 Bi-Energy	
Measurements	US	Metric	US	Metric
Working height maximum*	40 ft 6 in	12.52 m	40 ft 6 in	12.52 m
Platform height maximum	34 ft 6 in	10.52 m	34 ft 6 in	10.52 m
Horizontal reach maximum	22 ft 3 in	6.78 m	22 ft 3 in	6.78 m
Up and over clearance maximum	15 ft	4.57 m	15 ft	4.57 m
 Platform length	2 ft 6 in	0.76 m	2 ft 6 in	0.76 m
 Platform width	4 ft 8 in	1.42 m	4 ft 8 in	1.42 m
 Height - stowed	6 ft 7 in	2.00 m	6 ft 7 in	2.00 m
 Length - stowed	18 ft 6 in	5.64 m	18 ft 6 in	5.64 m
 Storage height	7 ft 5 in	2.26 m	7 ft 5 in	2.26 m
 Storage length	13 ft 5 in	4.08 m	13 ft 5 in	4.08 m
 Width	5 ft 8 in	1.73 m	5 ft 8 in	1.73 m
 Wheelbase	6 ft 2 in	1.88 m	6 ft 2 in	1.88 m
 Ground clearance - center	6 in	0.15 m	6 in	0.15 m

### Productivity

Lift capacity	500 lbs	227 kg	500 lbs	227 kg
Platform rotation	180°		180°	
Vertical jib rotation	139°		139°	
Turntable rotation	355° non-continuous		355° non-continuous	
Turntable tailswing	zero		zero	
Drive speed - stowed	4.0 mph	6.4 km/h	4.0 mph	6.4 km/h
Drive speed - raised**	.68 mph	1.1 km/h	.68 mph	1.1 km/h
Gradeability - stowed***	30%		30%	
Turning radius - inside	5 ft 9 in	1.75 m	5 ft 9 in	1.75 m
Turning radius - outside	13 ft 1 in	4 m	13 ft 1 in	4 m
Controls	24V DC proportional		24V DC proportional	
Tires - air filled	9 x 14.5 in		9 x 14.5 in	

### Power

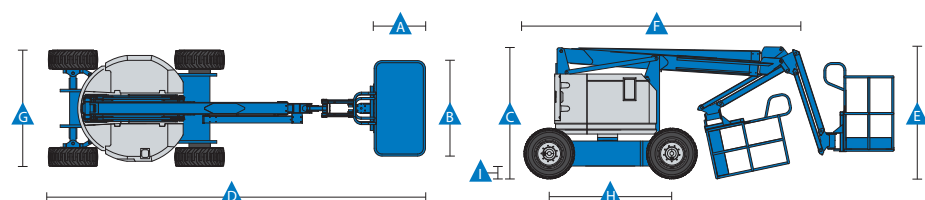
Power Source	48V DC (eight 6 V batteries 315 Ah capacity)	48V DC (eight 6 V batteries 315 Ah capacity) with 13.3hp (9.9kW) Kubota T4f Z482 diesel driven alternator
Auxiliary Power Unit	24V DC	24V DC
Hydraulic Tank Capacity	4 gal	15.1 L
Fuel Tank Capacity	-----	9.3 gal 35.2 L

### Weight\*\*\*\*

	11,000 lbs	4,990 kg	12,000 lbs	5,443 kg
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### Standards Compliance

ANSI A92.5, CSA B354.4, EN 280, AS 1418.10



\* The metric equivalent of working height adds 2 m to platform height. U.S. adds 6 ft to platform height.

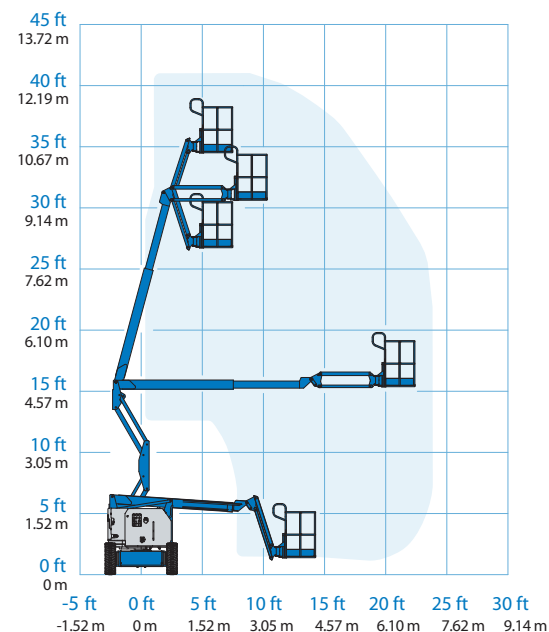
\*\* In lift mode \*(platform raised), the machine is designed to operate on firm, level surfaces only.

\*\*\* Gradeability applies to driving on slopes. See operator's manual for details regarding slope ratings.

\*\*\*\*Weight will vary depending on options and/or country standards.

[www.genielift.com](http://www.genielift.com)

### Range Of Motion Z-34/22 DC/Bi



### Distributed By:



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Showroom 1: 1608/3B QL1A, P.An Phú Đông, Quận 12

Showroom 2: 83/2 QL1A, P.An Phú Đông, Quận 12

Tel: (028) 6679 9069, 3719 7557, 3719 7173, 3719 7174

Hotline: 0903 155 033, 0906 579 555, 0126 848 9999

Fax: (028) 3719 7175

Email: [sales@hgl.com.vn](mailto:sales@hgl.com.vn), [hoanggialam.mtv@gmail.com](mailto:hoanggialam.mtv@gmail.com)

Web: [www.hgl.com.vn](http://www.hgl.com.vn)

# Self-Propelled Articulating Booms

## Z™ -34/22 DC & Bi-Energy

### Features

#### Standard Features

##### Measurements

- 40 ft 6 in (12.52 m) working height
- 22 ft 3 in (6.78 m) horizontal reach
- 15 ft (4.57 m) up and over clearance
- Up to 500 lbs (227 kg) lift capacity

##### Productivity

- 4 ft (1.22 m) jib boom with 139° working range
- Self-leveling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Thumb rocker steer
- Drive enable
- AC power to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- Zero tailswing
- 355° non-continuous turntable rotation
- Locking turntable covers (Bi-Energy only)

##### Power

- 48V deep cycle battery pack
- 24V DC auxiliary power
- 13.3hp (9.9kW) Kubota T4f Z482 diesel driven alternator. (Bi-energy model only)
- Battery charge indicator (BCI)\*
- Universal 30A battery smart charger

#### Easily Configured To Meet Your Needs

##### Platform Options

- Steel 4 ft 8 in (1.42 m) (standard)
- Steel 3 ft 10 in (1.17 m)

##### Jib

- 4 ft (1.22 m) jib boom

##### Power

- 48V DC power source

##### Drive

- 2WD

##### Tire Options

- Industrial air-filled (standard ANSI/CSA)
- Industrial foam-filled (standard CE/AUS)
- Industrial non-marking air-filled
- Industrial non-marking foam-filled
- Sealant treated air-filled



#### Options & Accessories

##### Productivity Options

- Platform swing gate
- Half-mesh platform inserts with swing gate
- Platform top auxiliary rail
- Air line to platform
- Biodegradable hydraulic oil
- Fire resistant hydraulic oil
- Aircraft protection package\*
- Hostile environment kit
- Tool tray
- Fluorescent tube caddy
- Pipe cradle (pair)
- Flashing beacon
- Platform work lights
- Lockable platform control box cover

##### Power Options

- AGM batteries
- EE UL583 Fire Protection rating (DC models only)
- Battery charge indicator (BCI)\*\*
- Low voltage interrupt with BCI
- Cold Weather Package (Bi-Energy only)
- 800 watt 120 V AC power inverter (DC only)

\* Reduces platform weight capacity to 440 lbs  
\*\* Standard on Bi-Energy only.

#### Genie United States

18340 NE 76th Street  
P.O. Box 97030  
Redmond, Washington 98073-9730  
Telephone +1 (425) 881-1800  
Toll Free in USA/Canada +1 (800)-536-1800  
Fax +1 (425) 883-3475

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**CÔNG TY TNHH MTV TM DV HOÀNG GIA LÂM**  
 Showroom 1: 1608/3B QL1A, P.An Phú Đông, Quận 12  
 Showroom 2: 83/2 QL1A, P.An Phú Đông, Quận 12  
 Tel: (028) 6679 9069, 3719 7557, 3719 7173, 3719 7174  
 Hotline: 0903 155 033, 0906 579 555, 0126 848 9999  
 Fax: (028) 3719 7175  
 Email: sales@hgl.com.vn, hoanggialam.mtv@gmail.com  
 Web: [www.hgl.com.vn](http://www.hgl.com.vn)

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