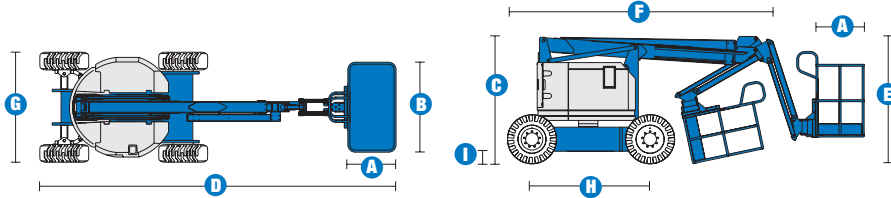


# Specifications



MODELS	Z™-34/22 IC 2WD		Z™-34/22 IC 4WD	
MEASUREMENTS	Metric	US	Metric	US
Working height maximum*	12.52 m	40 ft 6 in	12.62 m	40 ft 10 in
Platform height maximum	10.52 m	34 ft 6 in	10.62 m	34 ft 10 in
Horizontal reach maximum	6.78 m	22 ft 3 in	6.78 m	22 ft 3 in
Up and over clearance maximum	4.57 m	15 ft	4.57 m	15 ft
<b>A</b> Platform length	76 cm	2 ft 6 in	76 cm	2 ft 6 in
<b>B</b> Platform width	1.42 m	4 ft 8 in	1.42 m	4 ft 8 in
<b>C</b> Height - stowed	2 m	6 ft 7 in	2.06 m	6 ft 9 in
<b>D</b> Length - stowed	5.64 m	18 ft 6 in	5.66 m	18 ft 7 in
<b>E</b> Storage height	2.26 m	7 ft 5 in	2.29 m	7 ft 6 in
<b>F</b> Storage length	4.08 m	13 ft 5 in	4.11 m	13 ft 6 in
<b>G</b> Width	1.73 m	5 ft 8 in	1.85 m	6 ft 1 in
<b>H</b> Wheelbase	1.88 m	6 ft 2 in	1.88 m	6 ft 2 in
<b>I</b> Ground clearance - centre	15 cm	6 in	17 cm	6.5 in

PRODUCTIVITY	Z™-34/22 IC 2WD		Z™-34/22 IC 4WD	
Lift capacity	227 kg	500 lbs	227 kg	500 lbs
Platform rotation	180°	180°	180°	180°
Vertical jib rotation	139° (+72°/-67)		139° (+72°/-67)	
Turntable rotation	355° non-continuous		355° non-continuous	
Turntable tailswing	zero	zero	zero	zero
Drive speed - stowed	4.8 km/h	3.0 mph	4.8 km/h	3.0 mph
Drive speed - raised **	30 cm/s	1 ft/s	30 cm/s	1 ft/s
Gradeability***	37%	37%	45%	45%
Turning radius - inside	1.75 m	5 ft 9 in	1.80 m	5 ft 11 in
Turning radius - outside	4 m	13 ft 1 in	4.11 m	13 ft 6 in
Controls	12 V DC proportional		12 V DC proportional	
Tyres - air filled	23 x 37 cm	9 x 14.5 in	25,4 x 42 cm	10 x 16.5 in RT

POWER				
Power source	Kubota DF-972 3-cylinder petrol/LPG 31 hp (23.1 kW) Kubota D-1105 3-cylinder diesel 26 hp (19.4 kW) Perkins 403 D11 3-cylinder diesel 26.4 hp (19.7 kW)			
Auxiliary power unit	12 V DC	12 V DC	12 V DC	12 V DC
Hydraulic tank capacity	71.9 L	19 gal	71.9 L	19 gal
Fuel tank capacity	45.4 L	12 gal	45.4 L	12 gal

SOUND & VIBRATION LEVELS				
Sound pressure level (ground workstation) dBA	81 dBA	81 dBA	81 dBA	81
Sound pressure level (platform workstation)	80 dBA	80 dBA	80 dBA	80 dBA
Vibration	<2.5 m/s <sup>2</sup>	<8 ft 2 in/s <sup>2</sup>	<2.5 m/s <sup>2</sup>	<8 ft 2 in/s <sup>2</sup>

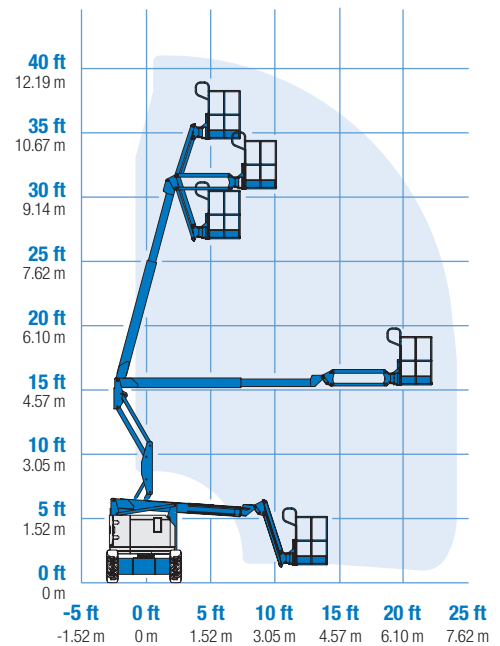
WEIGHT****				
CE (Industrial foam filled tyres)	4,793 kg	10,566 lbs	N/A	N/A
CE (Rough terrain foam filled tyres)	4,892 kg	10,786 lbs	4,929 kg	10,986 lbs

## STANDARDS COMPLIANCE

EU Machinery Directive 2006/42/EC  
 EU Standard EN280:2001, A2:2009  
 EMC Directive 2004/108/EC EN 61000-6-2, EN 61000-6-4  
 EU Low Voltage Directive 206/95/EC EN 60204-1:2006 EU  
 EU Noise Directive 2000/14/EC EN ISO 3744

\* 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.

## RANGE OF MOTION Z™-34/22 IC



## Features

### EASILY CONFIGURED TO MEET YOUR NEEDS

#### PLATFORM

- Steel 1.42 m (4 ft 8 in) (standard)

#### JIB

- 1.22 m (4 ft) jib boom

#### POWER OPTIONS

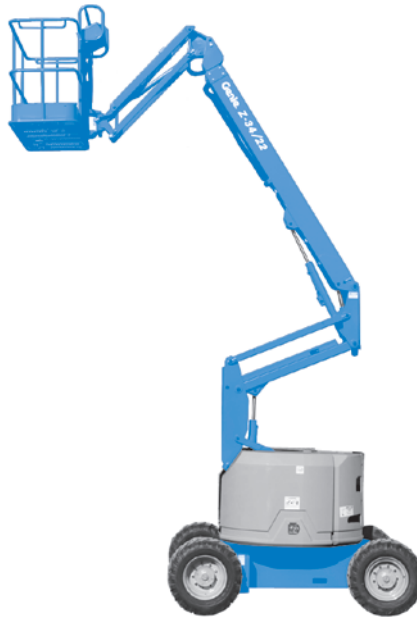
- Kubota petrol/LPG 31 hp (23.1 kW)
- Kubota diesel 26 hp (19.4 kW)
- Perkins diesel 26.4 hp (19.7 kW)

#### DRIVE OPTIONS

- 2 x 4
- 4 x 4

#### TYRE OPTIONS

- Rough terrain foam-filled (standard 4WD)
- Industrial foam-filled (standard 2WD)
- Industrial non-marking foam-filled



### STANDARD FEATURES

#### MEASUREMENTS

##### Z™-34/22 IC 2WD

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

##### Z™-34/22 IC 4WD

- 12.62 m (40 ft 10 in) working height
- 6.78 m (22 ft 3 in) horizontal reach
- 4.57 m (15 ft) up-and-over clearance
- Up to 227 kg (500 lb) lift capacity

#### PRODUCTIVITY

- 1.22 m (4 ft) jib with 139° working range
- Self-levelling platform
- Hydraulic platform rotation
- Fully proportional controls
- Drive enable
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent alarm
- Alarm package (flashing beacon & travel alarm)
- 355° non-continuous turntable rotation
- Lockable turntable covers
- Zero tailswing and front arm swing
- Two speed wheel motors
- Certified load sensor

#### POWER

- All engines are emissions compliant
- 12 V DC auxiliary power

### OPTIONS & ACCESSORIES

#### PRODUCTIVITY

- Platform swing gate
- Half-mesh platform inserts with swing gate
- Air line to platform
- Power to platform (incl. plug, socket and ground fault interrupt leakage on request)
- Light package: 2 chassis mounted drive lights, 2 platform mounted work lights
- Hostile environment kit: cylinder bellows, boom wiper seals, platform control box cover
- Low temperature cut-out module
- Fire resistant hydraulic oil
- Biodegradable hydraulic oil
- Tilt cut-out option
- Tool tray
- Fluorescent tube caddy\*
- Platform work lights
- Lockable platform control box cover

#### POWER

- Engine gauge package (oil pressure, temp, amp)
- Engine heater option\*
- AC generator packages (110V/60Hz, or 220V/50 Hz)
- Cold Weather package
- Refinery kit (spark arrestor and electric or mechanical Chalmers valve)

\* Available aftermarket only