

# Self-Propelled Articulating Booms

Z°-34/22 IC

# **Specifications**

Models	Z-34/2	22 IC	
Measurements	Metric	US	
Working height maximum*	12.54 m	40 ft 7 in	
Platform height maximum	10.54 m	34 ft 7 in	
Horizontal reach maximum	6.78 m	22 ft 3 in	
Up and over clearance maximum	4.6 m	15 ft 1 in	
▲ Platform length	0.76 m	2 ft 6 in	
A Platform width	1.42 m	4 ft 8 in	
▲ Height - stowed	2.06 m	6 ft 9 in	
▲ Length - stowed	5.66 m	18 ft 7 in	
▲ Storage height	2.29 m	7 ft 6 in	
▲ Storage length	4.11 m	13 ft 6 in	
<b>▲</b> Width	1.85 m	6 ft 1 in	
₩heelbase	1.88 m	6 ft 2 in	
▲ Ground clearance - center	0.17 m	6.5 in	

#### **Productivity**

Lift capacity	227 kg	500 lbs
Platform rotation	180°	180°
Vertical jib rotation	139°	139°
Turntable rotation	355° non-continuous	
Turntable tailswing	zero	zero
Drive speed - stowed	4.8 km/h	3.0 mph
Drive speed - raised**	1.1 km/h	0.68 mph
Gradeability - stowed***	45%	45%
Turning radius - inside	1.80 m	5 ft 11 in
Turning radius - outside	4.11 m	13 ft 6 in
Controls	12V DC	proportional
Tyres - foam filled	25.4 x 42 cm	10 x 16.5 in
	rough terrain	

### Power

Power source	Tier IV Kubota D-1105 3-cylinder diesel 19.4 kW (26 hp)

Auxiliary power unit	12V DC	12V DC
Hydraulic tank capacity	71.9 L	19 gal
Fuel tank capacity	35.2 L	9 gal

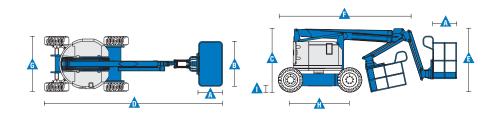
# Sound & Vibration Levels

Sound pressure level (ground workstation)	<81 dBA	<81 dBA
Sound pressure level		
(platform workstation)	<80 dBA	<80 dBA
Vibration	<2.5 m/s <sup>2</sup>	<8 ft 2 in/s²

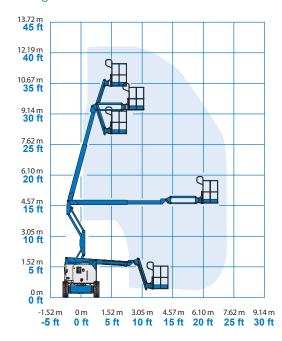
# Weight\*\*\*\*

CE Industrial foam filled tyres	N/A	N/A
CE rough terrain foam filled tyres	4,929 kg	10,986 lbs

Standards Compliance EU Directives: 2006/42/EC - Machinery (harmonized standard EN280); 2004/108/EC (EMC); 2000/14/EC (Outdoor Noise)



# Range Of Motion Z-34/22 IC



- \*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.



# Self-Propelled Articulating Booms

7°-34/22 IC

# **Features**

# Standard Features

#### Measurements

#### Z-34/22 IC

- 12.54 m (40 ft 7 in) working height
- 6.78 m (22 ft 3 in) horizontal reach
- 4.6 m (15 ft 1 in) up and over clearance
- Up to 227 kg (500 lbs) lift capacity

# Productivity

- 1.22 m (4 ft) jib with 139° working range
- Self-leveling platform
- Hydraulic platform rotation
- Proportional joystick controls
- Telematics-Ready Connector
- Thumb rocker steer
- Drive enable
- · Chassis tilt drive function cut-out
- AC power cord to platform
- Horn
- Hour meter
- Tilt alarm
- Descent & travel alarm
- Flashing beacon
- 355° non-continuous turntable rotation
- Locking turntable covers
- · Zero tailswing and front arm swing
- Two speed wheel motors
- Dual parallelogram for vertical wall tracking
- Lift Guard™ Contact Alarm

#### Power

• 12 V DC auxiliary power

# Easily Configured To Meet Your Needs

#### Platform

• Steel 1.42 m (4 ft 8 in) (standard)

#### Jib

• Articulating 1.22 m (4 ft) jib boom

#### **Engine**

 Tier IV Kubota D-1105 3-cylinder diesel 19.4 kW (26 hp)

# Drive

4WD

# Tyre Options

- Industrial non-marking foam-filled
- Rough terrain foam-filled (standard)



# **Options & Accessories**

#### **Productivity Options**

- Platform auxiliary top rail
- Air line to platform
- Power to platform: plug, socket, with optional Residual-current Circuit Breaker with Overcurrent protection
- Work lights package (2 on chassis,2 on platform)<sup>(2)</sup>
- Aircraft protection kit<sup>(1,2)</sup>: platform foam padding and padded disable system
- Hostile environment kit<sup>(2)</sup>: cylinder bellow, boom wiper seals and platform control box cover
- Chassis tilt lift function cut-out kit
- Biodegradable hydraulic oil<sup>(2)</sup>
- Track & Trace<sup>(3)</sup> (GPS unit providinig machine location & operating information)
- Lockable platform control box cover
- Tool tray<sup>(4)</sup>

# **Power Options**

- Diesel muffler with spark arrestor<sup>(2)</sup> (Perkins only)
- Engine gauge package<sup>(2)</sup>: oil pressure, temperature & voltage
- AC Generator Packages (110 V / 60 Hz - 220 V / 50 Hz, 2200 W)<sup>(2)</sup>
- Low temperature cut-out module
- EMEAR Cold Start kit: Inc. Engine heater & battery charger

(4) Aftermarket only





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<sup>(1)</sup> Reduces load capacity of about 27 kg (60 lb). Only available with standard platform, not available with any other platforms nor options on the platform
(2) Factory - fit option only
(3) Includes a first 2 years subscription