Platform

0.76 m x 1.83 m low mount platform

Multiple function operation

Full proportional drive joystick control with integral thumb steer switch

Full proportional main boom and swing joystick control

Variable speed dial control for lower boom, telescope and platform rotate

Selectable creep speed on drive / lift and swing functions

1.24 m articulating jib

180 degree powered platform rotator

Platform console machine status light panel 1

Load sensing system

AC power cable to platform

Power & Transmission

Deutz 2011L03 (36.4 kW) diesel engine

Engine distress warning /shut down system²

Gull-wing turntable hoods

Swing-out engine tray

Spark arresting type muffler

Control ADETM (Advanced Design Electronics) System

Hydrostatic drive transmission

Four wheel drive

Horn

JLG Industries Inc.

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Functional Equipment & Accessories

4 degree tilt alarm and indicator light

12 x 16.5 Rim protector foam filled lug tread tyres

Oscillating front axle

Lifting/tie down lugs

Ground control selector switch with key lock

Hour meter

Platform tool tray

12V-DC auxiliary power

Available Options

0.76 m x 1.22 m low mount platform

0.76 m x 1.52 m low mount platform

Side entry with inward swing gate

13 mm air line to platform

12 x 16.5 foam filled non marking tyres

33/1550 x 16.5 superwide foam filled

On-board 2500W generator

SkyPower™ package 7,500 watt on-board generator

SkyWelderTM package 250 amp welder in the platform ³

Nite-Bright® package platform mounted lights 4

- ¹ Provides indicator lights at platform control console for system distress, low fuel, tilt light, and foot switch status.
- $^{\rm 2}\,$ Low oil pressure and high coolant temperature alarms with shut-down enabled/disabled by analyser.
- $^{\rm 3}\,$ Available when integrated with the SkyPower $^{\rm TM}\,$ package
- ⁴ Consists of six 40-watt lights, four turntable mounted lights and two platform mounted lights.
- ⁵ Includes all-motion alarm and flashing amber
- ⁶ Includes platform mounted work lights and head & tail lights.
- ⁷ Includes console cover, boom wipers and cylinder bellows.

Available Options

All motion alarm

Alarm package 5

Light package 6

Head and tail lights

Flashing amber beacon

Plugs & Sockets

Hostile environment package 7

Catalytic purifier muffler

Soft Touch proximity system

Corner storage tray

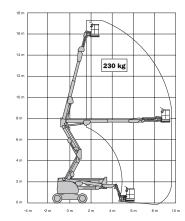


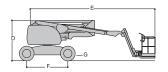


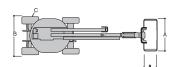
Horizontal autreach 9.48 m Up and over height 7.67 m Swing Inon continuous) 360° Platform capacity—unrestricted 230 kg Plotform rotator (hydraulic) 180° Jib – vorrell length 1.24 m Jib – range of articulation 145° † 78° f - 6° f or f o		510AJ
Up and over height 7,67 m Swing (non continuous) 360° Platform copocity— unrestricted 230 kg Platform rolotor (hydroulic) 180° Jib - overall length 1,24 m Jib - ronge of articulation 145° (+78°) +67°] A. Platform size 0,76 m x 1.83 m B. Overall width 2 24 m C. Talswing (working condition) 2 or E. Stowed length 7,68 m E. Whoelbase 2,34 m G. Ground clearance 0,36 m Mochine weight ¹ 7,650 kg Mochine weight ¹ 7,650 kg Dive speed 2WD - Dive speed 2WD - Dive speed 4WD - Gradeability AWD 45% Types (form filled) 12 x 16.5 Axe escillation ² 0,20 m Turning radius – outside 5,00 m Diesel engine Deutz 2011U3 36.4 kW Fuel tonk copocity 42.5 L Hydroulic system 130 L	Platform height	15.81 m
swing (non continuous) 360° Platform capacity – unrestricted 230 kg Platform rotator (hydraulic) 180° Jib – overall length 1,24 m Jib – range of articulation 145° (+78°) -67°) A. Platform size 0,76 m x 1,83 m B. Overall width 2,26 m C. Tallswing (working condition) 260° D. Stowed height 2,24 m E. Stowed length 7,68 m F. Wheelbose 2,34 m G. Ground clearance 0,36 m Machine weight ¹ 7,650 kg Machine weight ¹ 7,650 kg Dive speed 2WD — Dive speed 2WD — Ordeability 2WD — Gradeability 4WD 45% Tyres (foan filled) 12 x 16.5 Aule oscillation ² 0,20 m Turning radius – inside 2,00 m Turning radius – outside 5,00 m Dissal engine Deutz 2011(3) 36.4 kW Full fork capacity 62.5 L Hydraulic system 130.1	Horizontal outreach	9.48 m
Platform capacity – unrestricted 230 kg Platform rotator (hydroulic) 180° Jib – overall length 1,24 m Jib – range of articulation 145° (+78°) -67°) A. Platform size 0,76 mx 1,83 m B. Overall width 2,26 m C. Taliswing (working condition) Zero D. Stowed height 2,26 m E. Stowed length 7,68 m F. Wheelbase 2,34 m G. Ground clearance 0,36 m Machine weight ¹ 7,650 kg Maximum ground bearing pressure 5,7 kg/cm² Drive speed 2WD — Drive speed 4WD 7,2 km/h Gradeability 2WD — Gradeability 4WD 45% Tyres (foom filled) 12 x 16.5 Axle oscillation ² 0,20 m Turing rodius – inside 2,00 m Turing rodius – postide 5,00 m Diesel engine Deutz 201103 36.4 kW Fuel tank capacity 62.51 Hydraulic system 130.1	Up and over height	7.67 m
Platform rototor (hydraulic) 180° Jib - overall length 1.24 m Jib - range of articulation 145° (+78°) -67°) A. Platform size 0.76 mx 1.83 m B. Overall width 2.26 m C. Toaliswing (working condition) 2 ero D. Stowed height 2.26 m E. Stowed length 7.68 m F. Wheelbase 2.34 m G. Ground clearance 0.36 m Maximum ground bearing pressure 5.7 kg/cm² Drive speed 2WD — Drive speed 4WD 7.2 km/h Gradeability 2WD — Gradeability 4WD 45% Tyes (foam filled) 12x 16.5 Axle oscillation² 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel Inth Copposity 42.5 L Hydraulic system 130 L	Swing (non continuous)	360°
Jib - overall length 1,24 m Jib - range of articulation 145° (+78°) (+7°) A. Platform size 0,76 mx 1,83 m B. Overall width 2,26 m C. Tallswing (working condition) Zero D. Stowed height 2,26 m E. Stowed length 7,68 m F. Wheelbase 2,34 m G. Ground clearance 0,36 m Maximum ground bearing pressure 5,7 kg/cm² Drive speed 2WD — Drive speed 4WD 7,2 km/h Gradeobility 2WD — Gradeobility 4WD 45% Types (froat filled) 12 x 16.5 Axle oscillation 2 0,20 m Turning racidus - inside 2,00 m Turning racidus - outside 5,00 m Diesel engine Deutz 2011u3 36.4 kW Full tank capacity 42.5 L Hydroulic system 130 L	Platform capacity – unrestricted	230 kg
Jib - range of articulation 145° (+78°) - 47°) A. Platform size 0.76 m x 1.83 m B. Overall width 2.26 m C. Tallswing (working condition) Zero D. Stowed height 2.26 m E. Stowed length 7.68 m F. Wheelbase 2.34 m G. Ground clearance 0.36 m Maximum ground bearing pressure 5.7 kg/cm² Drive speed 2WD — Drive speed 4WD 7.2 km/h Gradeability 2WD — Gradeability 4WD 45% Types (froan filled) 12 x 16.5 Axie ascillation 2 0.20 m Turning radius – outside 2.00 m Diseased engine Deutz 2011.03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	Platform rotator (hydraulic)	180°
A. Platform size 0.76 m x 1.83 m B. Overall width 2.26 m C. Tailswing (working condition) Zero D. Stowed height 2.26 m E. Stowed length 7.68 m F. Wheelbase 2.34 m G. Ground clearance 0.36 m Machine weight ¹ 7.650 kg Maximum ground bearing pressure 5.7 kg/cm² Drive speed 2WD — Drive speed 4WD 7.2 km/h Gradeability 2WD — Gradeability 2WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation ² 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydroulic system 130 L	Jib – overall length	1.24 m
B. Overall width 2.26 m C. Tailswing (working condition) Zero D. Stowed height 2.26 m E. Stowed length 7.68 m F. Wheelbase 2.34 m G. Ground clearance 0.36 m Machine weight ¹ 7.650 kg Maximum ground bearing pressure 57 kg/cm² Drive speed 2WD — Drive speed 4WD 7.2 km/h Gradeability 2WD — Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation ² 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	Jib - range of articulation	145° (+78°/ -67°)
C. Tailswing (working condition) Zero D. Stowed height 2.26 m E. Stowed length 7.68 m F. Wheelbase 2.34 m G. Ground clearance 0.36 m Machine weight ¹ 7.650 kg Maximum ground bearing pressure 5.7 kg/cm² Drive speed 2WD — Drive speed 4WD 7.2 km/h Gradeability 2WD — Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation ² 0.20 m Turning radius – inside 2.00 m Divesal engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	A. Platform size	0.76 m x 1.83 m
D. Slowed height 2.26 m E. Stowed length 7.68 m F. Wheelbase 2.34 m G. Ground clearance 0.36 m Machine weight 1 7.650 kg Maximum ground bearing pressure 5.7 kg/cm² Drive speed 2WD — Drive speed 4WD — Gradeability 2WD — Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation 2 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	B. Overall width	2.26 m
E. Stowed length 7.48 m F. Wheelbase 2.34 m G. Ground clearance 0.36 m Machine weight 1 7.650 kg Maximum ground bearing pressure 5.7 kg/cm² Drive speed 2WD — Drive speed 4WD 7.2 km/h Gradeability 2WD — Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation 2 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	C. Tailswing (working condition)	Zero
F. Wheelbase 2.34 m G. Ground clearance 0.36 m Machine weight ¹ 7,650 kg Maximum ground bearing pressure 5.7 kg/cm² Drive speed 2WD — Drive speed 4WD 7,2 km/h Gradeability 2WD — Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation ² 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	D. Stowed height	2.26 m
G. Ground clearance 0.36 m Machine weight ¹ 7.650 kg Maximum ground bearing pressure 5.7 kg/cm² Drive speed 2WD — Drive speed 4WD 7.2 km/h Gradeability 2WD — Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation ² 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	E. Stowed length	7.68 m
Machine weight ¹ 7,650 kg Maximum ground bearing pressure 5.7 kg/cm² Drive speed 2WD — Drive speed 4WD 7.2 km/h Gradeability 2WD — Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation ² 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	F. Wheelbase	2.34 m
Maximum ground bearing pressure 5.7 kg/cm² Drive speed 2WD — Drive speed 4WD 7.2 km/h Gradeability 2WD — Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation ² 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	G. Ground clearance	0.36 m
Drive speed 2WD — Drive speed 4WD 7.2 km/h Gradeability 2WD — Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation 2 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	Machine weight ¹	7,650 kg
Drive speed 4WD 7.2 km/h Gradeability 2WD — Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation 2 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	Maximum ground bearing pressure	5.7 kg/cm²
Gradeability 2WD — Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation 2 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	Drive speed 2WD	_
Gradeability 4WD 45% Tyres (foam filled) 12 x 16.5 Axle oscillation ² 0.20 m Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	Drive speed 4WD	7.2 km/h
Tyres (foam filled) Axle oscillation 2 Axle oscillation 2 Turning radius – inside Turning radius – outside Diesel engine Deutz 2011L03 Fuel tank capacity Hydraulic system 12 x 16.5 0.20 m 2.00 m 5.00 m 62.5 L	Gradeability 2WD	_
Axle oscillation 2 Turning radius – inside 2.00 m Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 Fuel tank capacity Hydraulic system 0.20 m 2.00 m 5.00 m	Gradeability 4WD	45%
Turning radius – inside Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 Fuel tank capacity Hydraulic system 2.00 m 5.00 m 130 L	Tyres (foam filled)	12 x 16.5
Turning radius – outside 5.00 m Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	Axle oscillation ²	0.20 m
Diesel engine Deutz 2011L03 36.4 kW Fuel tank capacity 62.5 L Hydraulic system 130 L	Turning radius – inside	2.00 m
Fuel tank capacity 62.5 L Hydraulic system 130 L	Turning radius – outside	5.00 m
Hydraulic system 130 L	Diesel engine Deutz 2011L03	36.4 kW
	Fuel tank capacity	62.5 L
Auxiliary power 12V DC	Hydraulic system	130 L
	Auxiliary power	12V DC

¹ Certain options or country standards may increase weight and/or dimensions.

² Optional on models 450A and 450AJ.







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