

Platform

- 0.76 m x 1.83 m low mount platform
- Side entry with inward swing gate
- 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

- Perkins 404C-22 (37 kW) diesel engine
- Engine distress warning /shut down system ²
- Gull-wing turntable hoods
- Swing-out engine tray
- Spark arresting type muffler
- Control ADE™ (Advanced Design Electronics) System
- Hydrostatic drive transmission
- Four wheel drive
- Horn

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
- 13 mm air line to platform
- 12 x 16.5 foam filled non marking tyres
- 33/1550 x 16.5 superwide foam filled tyres
- On-board 2500W generator
- SkyPower™ package 7,500 watt on-board generator
- SkyWelder™ 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.

² Low oil pressure and high coolant temperature alarms with shut-down enabled/disabled by analyser.

³ Available when integrated with the SkyPower™ 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 beacon.

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



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510AJ

Platform height	15.81 m
Horizontal outreach	9.48 m
Up and over height	7.67 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. 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/cm ²
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 Perkins 404C-22	37 kW
Fuel tank capacity	62.5 L
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.

