

(F.O.B. JACKSON, MN)

## BASE MACHINE EQUIPMENT

### ENGINE

- AGCO POWER AP84-4
- 513 cu. in. (8.4 liter) Displacement
- Electronic Controlled
- Dual Turbochargers
- Charge Air After-Cooled, Air to Water Inter-Cooled
- Inline Six Cylinder Diesel, 365 [272 kW] @ 2100 RPM
- 393 Peak HP [293 kW] @ 1900 RPM
- Peak Torque of 1180 lb-ft [1600 N-m] @ 1500 RPM
- Tier 4 Final Certified EPA Off-Road
- Three-Point Rubber Engine Mount
- 28.1-inch [715mm], 9 Blade Suction Fan
- Engine Cold Weather Block Heater

### TRANSMISSION

- AGCO's ML-260 Continuously Variable Transmission (CVT)
- Low Range Speed 0 to 23 miles/hour [37.0 kilometers/hour]
- High Range Speed 0 to 41 miles/hour [66.0 kilometers/hour]

### TECHNOLOGY

- AgCommand Telemetry System, Includes Integrated Cab Wiring, Antenna, AGCO Connectivity Module with LTE Cellular AgCommand Communication, Complete with 1 Free Year Subscription of Advanced Plus Service Level
- AccuTerminal Displays
- 10.4" Touchscreen AccuTerminal
- Softkeys and Navigation Wheel for of Screen Control
- Night Mode Display Setting
- Light Sensor for Automatic Cab Lighting Adjustment
- Camera Ready AccuTerminal (Optional Secondary Camera)
- Novatel Smart 6L GPS Receiver (WAAS Accuracy, Upgradable)
- TerraGator Guide Ready Wiring
- TerraGator Guide Steering Control System
- TaskDoc Pro (USB Data Transfer)
- AccuField Command (Button Controlled Headland Activation)

### FRONT KING PIN

- Solid 5.5-inch [139.7 mm] Diameter High Strength Solid Steel Shaft with Two Heavy-Duty Timken Roller Bearings

### FRONT AXLE

- 3.75-inch [92.5 mm] Diameter Solid Steel Shaft with Two Heavy-Duty Cartridge-Mounted Self-Aligning Spherical Roller Bearings
- Axle and Single Front Wheel are Mounted on a 0.75 inch [19 mm] Formed Plate Steel Fork with Reinforcing
- Gussets
- 14,000 lbs. [6,350 kg] Rated Capacity

### REAR AXLE

- Axle Tech PRC-673 Wide Track, 17.41:1 Ratio, Double Reduction Outboard Planetary
- 42,000 lb. [19,050 kg] Rating with Flotation Tires

### SUSPENSION

- Rigid Rear Axle to Frame Mounts

### SERVICE BRAKES

- Full Air - "S" Cam Actuated Drum Type, 18-inch [45.7 cm] x 7-inch [17.8 cm] Brake Drum, Automatic Slack Adjusters, and Double Diaphragm Spring Brakes

### PARKING BRAKES

- Spring Brake Applied with Manual Release Bolt, Permitting Release of Actuator to Move Vehicle with Absence of Air

### STEERING

- Steering Assist Ready
- Dynamic Load Sense Steering Unit
- 15.3 cu. in. [250 cc] Amplified for Power Steering Mode and 7.6 cu. in. [125 cc] Direct for Emergency Manual Mode
- A 2500-PSI [172 BAR] Relief Valve Protects the System
- Steering system is Fed by Main Hydraulic System Pressure Compensating Pump through Load Sensing Priority Valve
- 2.5" Bore x 14" [64 mm x 356 mm] Stroke Steering Cylinders with Long Life Piston Seals, Honed Bore, Nitrotech Corrosion Resistant Rod and Self-Aligning Ball Socket Ends

### COOLING SYSTEM

- Flow Optimized 3 Piece Package Mounted to Chassis Frame
- High Efficiency, all Aluminum Construction, Charge Air
- Cooler-244 sq. in. [16 sq. m], Located above the Radiator - 681 sq. in. [44 sq. m]
- Mounted in Front of the Radiator are the All-Aluminum Plate and Bar Construction Combo Oil Cooler, 24 Plate for the Transmission and 5 Plate for the Hydraulics with Wavy Fin Heat Dissipation to Maintain High Efficiency of the Cooling System
- Additional Components Include 274 sq. in. [18 sq. m.] Two-Pass AC Condenser, 35 sq. in. [02 sq. m.], Fuel Cooler, Single Piece Fan Shroud, Engine Coolant Expansion Reservoir, and a Removable Front Access Panel for Cleaning Purposes

### FRAME

- 4x12 inch [100x310 mm] Rectangular Tubular Steel 0.31-inch [7.8 mm] Wall, ASTM Grade 70 Steel with Cold-Formed Bends (Cut Free)
- Frame is Designed to Minimize Stress Concentration and Allow Flex During Field Operation
- Front and Rear Tow Hooks

### AIR CLEANER

- Donaldson Dry Type with Centrifugal Pre-Cleaner, Replaceable Primary Element, Safety Element, Automatic Dust Evacuator with Restriction Indicator Located on the Right Side of Engine

### EXHAUST

- Upright Frame Mounted with Cab Isolation
- Mounted in Front of "A" Pillar, Right Hand Side of Cab

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**BASE MACHINE EQUIPMENT****FUEL SYSTEM**

- 165 gallon [625 L] Total Fuel Capacity with an Equalization Tube Between Two Tanks. This allows Tanks to be Filled from Either Side at Ground Level
- 15 gallon [56.9 L] Total Diesel Exhaust Fluid (DEF) Capacity

**ELECTRICAL SYSTEM**

- Alternator Dual 150 AMP
- Batteries Qty. 2 12VDC 1000cca with Jumper Posts at Reload Station
- Automatic Battery Disconnect
- Backup Alarm: 112 DBA
- Halogen Light Package
  - (2) Low Beams in Hood
  - (2) High Beams in Hood
  - (2) Corner Hood Mounted
- Settable Exit Lighting Time Delay
- Electric Horn
- Four-Way Flashers, Instrument Panel Lights, Cab Entry Lighting, Triple Utility Outlets for Cell Phones, Radios, Etc., Dual Usb Charge Ports
- Fuse Panel for Lighting, Electronics, Engine and other Electrical, Plus Extra Power for Added Electrical Use

**AIR SYSTEM**

- Engine Mounted, Direct Driven Compressor, Governed @ 120 PSI [8.3 BAR] to Provide Air for Braking and Accessory Equipment
- Dual Reservoirs, Low Pressure Alarm, and Brake Priority Protection Circuit
- Air Dryer Standard

**HYDRAULIC SYSTEM**

- Engine Mounted, Direct Driven, 1.52 CIR [31.8 cc/rev] Gear Circulation Pump
- Transmission Mounted 3.66 cu. in. [60 cc] Maximum Displacement Pressure Comp Hydraulic Pump with Maximum Flow of 34 GPM [128 LPM] at 2900 PSI
- [200 BAR] @ 2200 Engine RPM
- Priority Valve Favors Steering with Excess Flow Available to Pressure Washer and Hydraulic Functions
- 9.9 Gallon [37.5 L] Steel Hydraulic Reservoir with Thermometer/Sight Glass

**APPLICATION CAB**

- Glass Area 58 sq. ft.
- Floor Area 13.2 sq. ft.
- Front Window Pull Down Sun Screen
- Front Window Programmable Delay Electric Wiper with Rinse
- Easy Clean Molded Floor Mat
- Lunch Box Storage Stops Molded into Floor Mat
- Floating Armrest with Fingertip Controls
- Front/back and Up/Down Armrest Adjustment
- Elbow Pad Armrest Storage
- Notebook Storage Compartment under Instructor Seat
- Storage Compartment Behind Instructor Seat
- Cargo Net Storage Behind Armrest
- Cup Holders
  - (2) Standard size
  - (2) Oversized
- Safety Glass Hammer
  - (2) Standard Size
  - (2) Oversized
- Safety Glass Hammer

**APPLICATION CAB CONT**

- Radio: AM/FM / Stereo / MP3 / Weatherband/Bluetooth with Mounted Microphone
- (4) REI Speakers
- HVAC Automatic Temperature Control
- Filtration Three Level Activated Carbon
- Steering Wheel 14" Leather Wrapped
- Self-Canceling Turn Signals
- Basic Non-Heated, Air-Ride Cloth Seat
- Anti-Cinch Seat Belts
- Stow-Away Cloth Instructor Seat
- AccuTerminal Mounted on Floating Armrest with Adjustable Positioning
- Automatic Rear View Camera
- 2 pt. Rubber Isolated in Front with Air Ride Mount Cab on Rear
- Combo Electrical
- Standard Electric Adjust Mirrors, 13" x 8 ½", Mounted on Front Lower Toolboxes
- (2) USB Charging Ports
- 3-Prong Power Receptacle and Lighter Power Ports
- Semi-Programmable Lighting Keypad
- Common Key to Ignition, Fuel Cap and Tool Boxes

**TIRES**

- 3 Standard High Floatation VF 1000/50R25 Trelleborg Tires

**PAINT AND FINISH**

- Chassis is Shot Blasted, Degreased and Phosphatized Prior to Painting for Maximum Paint Adhesion and Corrosion Resistance
- Primer is Rust Inhibiting Epoxy
- Final Coating is Yellow and White High Gloss, Acrylic Urethane, Highly Resistant to Chemical, Humidity, Sun and Weather Conditions
- Primer and Finish Coatings are Applied with an Airless, Electrostatic Spray Process for Maximum Penetration and Coverage

**STORAGE COMPARTMENTS**

- Standard Steel Tool Box with Step on the Front Right
- Standard Steel Tool Box with Step on the Front Left
- Standard Steel Pressure Washer/Storage Cabinet on Right Side

**HAND RINSE TANK**

- 8 Gallon Hand/Safety Rinse Tank

**FRONT MUDGUARD**

- Standard Mudguard Behind Front Tire

**APPLICATION SYSTEM AVAILABLE**

- 1,800 Gallon Liquid
- New Leader, L4500 G4 Spinner
- New Leader, L5000 G5 Spinner
- AirMax Precision
- AirMax Precision<sup>2</sup>
- Air Spread Soilection Twin Bin