

(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 HP [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 [715 mm], 9 Blade Suction Fan
- Engine Cold Weather Block Heater

TRANSMISSION

- AGCO's ML-260 Continuously Variable Transmission (CVT)
- **Speeds with 1000/50R25 Rear Tires**
Low Range Speed 0 to 26 miles/hr [41.8kilometers/hr]
High Range Speed 0 to 43 miles/hr [69.2 kilometers/hr]
- **Speeds with 1050/50R32 Rear Tires**
Low Range Speed 0 to 29 miles/hr [46.7 kilometers/hr]
High Range Speed 0 to 46 miles/hr [74.0 kilometers/hr]
- **Speeds with 1050/50R32 Rear Tires with optional 17.41:1 rear axle ratio**
Low Range Speed 0 to 26 miles/hr. [41.8kilometers/hr.]
High Range Speed 0 to 43 miles/hr. [69.2 kilometers/hr.]

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 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 AXLE

- Axle Tech FS25, steering type, 16.5 x 6 inch Q-Plus™ Heavy-Duty Cam Brakes
- 14,000 lb. Rating with Flotation Tires

REAR AXLE

- Axle Tech PRC-673 Wide Track, 14.48:1 Ratio, Double Reduction Outboard Planetary
- 42,000 lb. [19,050 kg] Rating with Flotation Tires

SUSPENSION

- Front and Rear Leaf Springs

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 11" [64 mm x 279 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

- Full Double "C" Channel Frame with Heavy Duty Cross Members 110,000 PSI Yield Strength
- Frame is Designed to Minimize Stress Concentration and Allow Flex During Field Operation
- Heat Treated 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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ELECTRICAL SYSTEM

- 12 Volt, Negative Ground with Dual 150 Amp Alternators, Two Maintenance Free Batteries (1000 CCA), Eight Halogen Work Lights, Two Sealed Beam Halogen Road Lights with High/Low Beams, Combination Turn Indicators/Four-Way Flashers, Instrument Panel Lights, Cab Entry Lighting, Triple Utility Outlets for Cell Phones, Radios, etc.
- Fuse Panel for Lighting, Electronics, Engine and Other Electrical, Plus Extra Power for Added Electrical Use
- Automatic Back Up Alarm: 112DBA
- Remote Engine Throttle, Operational from Ground Level
- Master Battery Shutoff Switch, Radar Speed Sensor
- CAN Bus Communication System

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 [25 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
- 10.8 Gallon [41 L] Steel Hydraulic Reservoir with Thermometer/Sight Glass

CAB

- Air Ride Heated Cloth Seat
- Instructor Seat, Cloth
- Full Floating Armrests
- 15" Steering Wheel
- Automatic Temperature Control, Multi-Duct Heat and Air Conditioning Using Three-Level Environmental Filtration
- No High-Pressure Fluids (Product, Hydraulic) in Operator Compartment
- Radio: AM/FM Stereo, CD - MP3 Compatible, Weather Band
- 58 square feet of Glass - HD Rectangular Windshield Glass
- Pull Down Windshield Sunshade
- Tempered Side and Rear Glass
- 14 square feet of Floor Space
- Three Point Rubber Cab Mount and Full-View Door

TIRES

- Front Flotation: 48 x 31 R20 Goodyear Radials
Rear Flotation: 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 Polypropylene Tool Box on Left
- Standard Steel Pressure Washer/Storage Cabinet on Right Side

CHASSIS DIMENSIONS

- Back of Cab to Centerline of Rear Axle: 95 inches [2.41 m]
- Centerline of Rear Axle to End of Rear Frame: 55 inches [1.40 m]
- Wheel Base: 187 inches [4.75m]
- Rear Frame Width: 34.0 inches [.86 m]
- Tire Center Width, Rear: 92.5 inches [2.35 m]
- Rear Tires, Outside to Outside: 135.5 inches [3.44 m]

CHASSIS WEIGHT- (EMPTY WEIGHT)

- Front: 12,452 lbs. [4,130 kg]
Rear: 8,500 lbs. [4,820 kg]
Total: 20,952 lbs. [8,950 kg]

APPLICATION SYSTEMS AVAILABLE

- 1,800 gallon Liquid (TerraGator Boom or Benson Boom II)
- New Leader, L4500E G4 Spinner
- AirMax Precision
- AirMax Precision²
- Twin Bin