

Pro-Spotter Off-Road



FRAME AND EQUIPMENT

12' x 3" Formed Structural Steel Main Frame, Reinforced to 37 lb/ft
*116" WheelBase with 82" clearance to Fifth Wheel in Up Position
*Heavy Duty 18" Bolt on Front Bumper
*20 degree Rear Frame Taper for Easy Trailer Pick Up
Quarter Fenders and Mud-flaps behind Steer Axle
Holland 3500 70,000 lb Fifth Wheel
Fifth Wheel Setting - 5" Fwd. of C/L of Rear Axle down, 9 1/2" Up
Air Release Fifth Wheel with trailer interface
*Full Width and Height Cab Protection Bar with Integrated Trailer Stops
Back up Alarm
*Noise and Heat Dampening System

FRONT AXLE AND EQUIPMENT

Meritor FF961 12,000 lbs
14,500 lb Leaf Springs with Rubber Bushings
Power Steering, Sheppard M-100
16" x 5" S-Cam Brakes
*Automatic Slack Adjusters
Cast Brake Drums
*Synthetic Lube

REAR AXLE AND EQUIPMENT

Meritor RS-24-160 30,000 lbs (7.17:1) Single Reduction Axle
16.5" x 7" Q-Series S-Cam Brakes
*Automatic Slack Adjusters
Parking Brakes on Rear Brakes
*Synthetic Lube

ENGINE AND ENGINE EQUIPMENT

Cummins QSB Tier IV Final Diesel 158 HP, 620 lb/ft Torque
TICO Top Fuel Performance System Calibration
Alternator - 160 AMP
Maximum Vehicle Speed At Rated RPM = 24.0 MPH
Electronic Throttle
Low Oil Pressure Sensor
High Coolant Temperature Sensor
Dual Group 31, 730 CCA Threaded Stud, Battery
Direct Drive Fan Hub
Wabco 18.7 CFM Air Compressor, Turbocharged
Fleetguard Fuel/Water Separator
Fleetguard Oil Filter
Radiator with Integral CAC, External Transmission Cooler and Remote Surge Tank
*Heavy Duty Exhaust System Protection
4" Exhaust with Vertical Stack
Vertical Exhaust Mounted *Inboard On Cab Protection Bar
*Filter-Minder Mounted at Turbo
Splash and Spray Engine Guards

TRANSMISSION AND DRIVELINE

Allison 3000 RDS Gen V, 6-Speed Forward, 1-Speed Reverse
1710 Series Driveline and U-Joints
Transmission ECU Chassis Mounted
Aluminum Flywheel Housing
Severe Service Flywheel/Transmission Mounts
Push Button Electronic Shifter
Synthetic Oil/3 year Allison Transmission Warranty

HYDRAULIC SYSTEM AND EQUIPMENT

*20 GPM Hydraulic Pump
5" Dia. Power Up and Down Lift Cylinders, 18" Lift Height
Single Hydraulic System, Fifth Wheel/Steering System with Priority Valve
*Heavy Duty Boxed Boom with 1-1/2" Side Arms
Vented 18 gal Hydraulic Tank with Sight Glass with Shut Off Valves
Electric controlled Fifth Wheel Raise and Lower

AIR AND TRAILER EQUIPMENT

Nylon Chassis Hoses
(3) Painted Steel Air Tanks
Manual Air Tank Drain Valves with Wet Tank Drain on Left Side Frame Rail
Glad-Hands, Color Coded
*15 Foot, 3/8" Straight Rubber Air Lines
45° Glad Hand Bucket
7 Wire Trailer Socket

TIRES AND WHEELS

11R22.5 Tubeless Front and Rear Tires (Highway Tread)
22.5 x 8.25 Std. Offset 285mm Hub Piloted Wheels

FUEL TANK

*65 Gallon Painted Steel Stair Tread® Tank with Non-Skid on Steps
Tank Mounted on Driver Side Frame Rail

BATTERY BOX

Painted Steel Battery Box
Rubber Matting on Top and Bottom of Battery Box Interior

CAB AND EQUIPMENT

Fiberglass Composite Cab with Extended Head Room
Sealed Front of Cab PDC with Easy Access Panels
Dual Air-Bag Cab Suspension
Electric/Hydraulic Cab Lift with Integral Cover
Bolt-on Right Side Galvanized Mirror Stanchion
Dual West Coast Mirrors 118" Wide
3 Point Orange Seat Belt with "Komfort" Latch
Bostrom Baja Air-Ride Vinyl Seat with Left Side Swing Up Arm Rest
*Sun Visor, Transparent
Laminated Front Windshield
*66" H x 27.5" W Door Opening, Dual Air-Operated Transparent Rear Doors (Poly Carbonate)
Power (Up/Down) Driver Side Window
Rear Window Behind Driver
18" Cushioned Grip Tilt Steering Wheel
Heavy Duty Rubber Floor Mat with Sound and Heat Reduction Properties
49,000 BTU Fresh Air Heater with Integral Defroster
Electric Horn
All Steel Dash Assembly with CANBUS Electronic Gauge Clusters
Fuse Breaker Box on Side of Dash for Easy Access
*Glove Box on Right Side of Cabin
2-Speed Intermittent Electric Windshield Wipers with Pantograph Style Arms
Air Pressure Gauge Mounted on Dash
Hour Meter Mounted on Side of Cab
Keyed Ignition Mounted on Dash
(1) LED Flood Light Mounted on Cab Protection Bar Facing Rearward
(2) LED Spot Lights Mounted On Top of Cab Protection Bar
Dash "LED" Warning Lights/Displays with Dimmer
Speedometer
Fuel and DEF Gauges in Dash
Oil Pressure Gauge in Dash
Headlights, Taillights, Turn Signals

PAINT

Cab Color - Gel Coat White
Wheels - White
Frame - Black with Zinc Primer

* Denotes those specifications which TICO provides as standard while other manufacturers do not offer or offer as an option.

Stair Tread® is a registered trademark of McNichols Co.

Pro-Spotter DOT/EPA On-Road



FRAME AND EQUIPMENT

12' x 3" Formed Structural Steel Main Frame, Reinforced to 37 lb/ft
 116" Wheel Base
 *Heavy Duty bolt on 18" Bumper
 *20 Degree Rear Frame Taper for Easy Trailer Pick-up
 Rear Mud Flaps Behind Drive Axle
 *Quarter Fenders and Mud-flaps Behind Steer Axle
 Holland Model 3500, 70,000 lb Fifth Wheel
 Fifth Wheel Setting - 5" Forward of C/L of Rear Axle
 Air Release Fifth Wheel with Trailer Interface
 Driver Side Access to Frame
 *Full Width and Height Cab Protection Bar with Integrated Trailer Stops
 Rear Light Bolt-On Plate
 Back Up Alarm
 *Noise and Heat Dampening System

FRONT AXLE AND EQUIPMENT

Meritor FF961 (12,000 lbs)
 *14,500 lb. Leaf Springs with Rubber Bushings
 Power Steering, Sheppard M-100
 16" x 5" S-Cam Brakes
 Automatic Slack Adjusters
 Cast Brake Drums
 *Synthetic Lube

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 16.5" x 7" Q-Series S-Cam Brakes
 Automatic Slack Adjusters
 Split Brake System, Parking Brakes on Rear Brakes
 *Synthetic Lube

ENGINE AND ENGINE EQUIPMENT

Cummins 2017-B6.7 - 200HP@2400RPM, 520lb / ft@1500RPM
 Cummins After Treatment with SCR and DPF
 Maximum Vehicle Speed at Rated RPM 40 MPH
 Low Oil Pressure Sensor
 High Coolant Temperature Sensor
 Dual Group 31, 730 CCA Threaded Stud, Battery
 Direct Drive Fan Hub
 Wabco 18.7 CFM Air Compressor, Turbocharged
 Fleetguard Fuel/Water Separator
 Fleetguard Oil Filter
 *Radiator with Integral CAC, External Transmission Oil Cooler
 *Remote Surge Tank
 4" Exhaust with Extended Turn-Out
 Vertical Exhaust Mounted *Inboard On Cab Protection Bar
 *Filter-Minder Mounted At Turbo
 *Heavy Duty Exhaust System Protection
 Alternator - 160 AMP

TRANSMISSION AND DRIVELINE

Allison 3000 Gen V RDS 6-Speed Forward, 1-Speed Reverse
 1710 Series Driveline and U-Joints
 Transmission ECU Chassis Mounted
 Aluminum Flywheel Housing
 Severe Service Flywheel/Transmission Mounts
 Push Button Electronic Shifter
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 7 Wire Trailer Socket and Cable
 *ABS Standard
 45° Glad Hand Bucket

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 (2) LED Spot Lights Mounted On Top of Cab Protection Bar
 Dash "LED" Warning Lights/Displays with Dimmer
 Speedometer
 LED Turn Signals
 ICC LED Cab Clearance Lights
 Headlights with High Beam and Tail Lights
 Fuel and DEF Gauges in Dash
 Coolant Temperature Gauge in Dash
 Oil Pressure Gauge in Dash
 Low Air Warning Buzzer
 LED Dome Light

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