

# 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 inch 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

Arvin 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

Arvin 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 inch 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 degree 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 Inches 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.*

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## FRAME AND EQUIPMENT

12" x 3" Formed Structural Steel Main Frame, Reinforced to 37 lb/ft

116" Wheel Base

**\*Heavy Duty bolt on 18 Inch 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

Arvin 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

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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

Synthetic Oil/4 Year Allison Transmission Warranty

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**5" Power Up and Down Lift Cylinders**

Single Hydraulic System for Fifth Wheel & Steering using Priority Valve

**\*Heavy Duty Boxed Boom with 1-1/2" side arms**

Vented 18 gal. Hydraulic Tank with Sight Glass and shut off valves

Cable Controlled Fifth Wheel Raise and Lower

## AIR AND TRAILER EQUIPMENT

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(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 Straight Rubber Air Lines**

7 Wire Trailer Socket and Cable

**\*ABS standard**

45 degree Glad Hand Bucket

## TIRES AND WHEELS

11 x R22.5 Tubeless Front and Rear Tires (Highway Tread)

22.5 x 8.25 Std. Offset Hub Piloted Wheels

## FUEL TANK

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Dual West Coast Mirrors 118 Inches 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

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**Hour Meter Mounted on Side of Cab**

Keyed Ignition Mounted on Dash

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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

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Oil Pressure Gauge In Dash

Low Air Warning Buzzer

LED Dome Light

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