

**TICO Manufacturing Sales Order**

Date: **APRIL 21, 2017**

Dealer Name: **TURBO SALES & LEASING**

Customer Name:

Ship Request Date: **MID JULY ISH**

# of Units: **(4) 5161-5164**

REVISION (1) 8/19/2017

**TICO 2017 Model Year DOT/EPA 2016-ISB**

**TICO Pro-Spotter Pricing & Options**

**Engine:** Cummins 2016-ISB - 200HP@ 2400 RPM, 520lbft @ 1500 RPM  
 Selective Catalytic Reduction(SCR), Decomposition Reactor, Diesel Particulate Filter (DPF) w/ Diesel Exhaust Fluid(DEF) w/Quality Sensor  
 After Treatment with Silicone hose  
 Cummins Electronic Engine Controls and Engine Protection System  
 Wabco 18.7 cu/in Turbocharged, Air Compressor  
 Radiator w/ Charge Air Cooler, Transmission Cooler and Surge Tank  
 Extended Life anti-freeze  
 Direct Drive Fan Hub  
 Air Inlet Grid Heater  
 Ground Level Dual Stage Air Filter with pre-cleaner mounted on Cab Protection Bar  
 TICO Proprietary Engine Credit System  
 Electronic Throttle w/Throttle Validation  
 Idle Timer Shutdown System  
 Low Coolant Level Sensor  
 Vertical 4" Exhaust with Aluminum Muffler Shield  
 Maximum Vehicle Speed at rated RPM - 45mph  
 Engine Idle Speed = 750 RPM  
 Starter = Delco 12 volt, with lockout  
 Alternator = 160 amp Delco 24S  
 Air Restriction Indicator Mounted at Turbo Intake  
 California Fuel Emissions Idle Decal  
 Engine compartment splash and spray guards attached to cab floor

**Engine Options:**

<input checked="" type="checkbox"/>	Engine Block Heater w/front receptacle
<input checked="" type="checkbox"/>	Engine Block Heater w/ driver side receptacle on cab bar
<input checked="" type="checkbox"/>	Electric Fan Clutch
<input type="checkbox"/>	
<input checked="" type="checkbox"/>	Maintenance Monitor Time / adjust to: _____
<input checked="" type="checkbox"/>	Idle Time / adjusted to: _____
<input checked="" type="checkbox"/>	Global Max Vehicle Speed (on road) / adjust to: _____

\* Customer to State below parameters:  
 Default setting = 500 hrs.  
 Default setting = 70 min.  
 Default setting = 45MPH

**Fuel System:**

65 Gallon, Stair-Tread Step Tank, with Non-Skid Steps  
 Tank Mounted on Left side Frame Rail  
 Fleetguard Fuel Filter/Water Separator

**Fuel System Options:**

<input checked="" type="checkbox"/>	Fleetguard Heated Fuel Filter/Water Separator with Heater and Water Sensor
<input type="checkbox"/>	Anti-siphon insert

**Cooling System:**

Radiator w/ Charge Air Cooler and Trans cooler  
 Remote Surge Tank

**Cooling System Options:**

<input type="checkbox"/>	Silicone Engine Coolant Hoses, Thermoplastic Hose Clamps
<input type="checkbox"/>	Silicone Engine Coolant Hose, Constant Torque Clamps

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**Frame:** 12" x 3" Formed Structural Steel Reinforced Heavy Duty Main Frame, 50,000 Min Yield Strength  
 116" Wheelbase  
 Full Height, 84" Width Cab Protection Bar  
 Fifth Wheel Siding - 5' Fwd of C/L of Rear Axle  
 Non-Skid Deck Plate over Rear Boom and Frame with Noise and Heat dampening properties  
 Tow Eyes in Rear of Frame  
 Front Grill  
 Steer axle quarter fender and mud flap behind tires  
 Mud flaps 1/4-inch behind drive axle  
 Batteries Mounted On Curb Side  
 Conspicuity Tape (Required DOT)

**Frame Options:**

<input type="checkbox"/>	128" Wheelbase
<input type="checkbox"/>	Rail Truck/Heavy Duty Rear Frame with Kingpin Guides
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	Galvanized Frame (includes Cab pivots, Headlight brackets, battery box, Fender brackets)
<input type="checkbox"/>	Galvanized Cab Bar
<input type="checkbox"/>	
<input type="checkbox"/>	Quarter Fender in front of Drive Axle
<input type="checkbox"/>	Right Plastic Over the Rear Tire Full Fender
<input checked="" type="checkbox"/>	Full Over the Tire Flexible Rear Fender w/ Front & Rear Mud Flaps
<input type="checkbox"/>	Mud Flaps Behind Drive Axle with Tire Brush
<input type="checkbox"/>	Mud Flap in Front of Drive Axle
<input type="checkbox"/>	Pottle Hook, 6 ton, Rear Mounted
<input type="checkbox"/>	Pottle Hook 5 ton, Base Only
<input type="checkbox"/>	Lincoln auto lube system 28/32 points
<input type="checkbox"/>	Graco auto-lube system 28/32 points
<input type="checkbox"/>	Lubecore Auto-lube system 28/30 with auto shut off
<input type="checkbox"/>	Lubecore Auto-lube system 28/30 with auto shut off and time recorder

**Bumper:** Bolt-On 18" Front Bumper, painted "TICO Orange"  
 Bolt-On Galvanized Lower-Radiator Skid Grate

**Bumper Options:**

<input checked="" type="checkbox"/>	Bolt-On Tow Pins for 18" STD Bumper
<input type="checkbox"/>	Bolt-On Radiator/Grill Guard with Tow Pins w/18" STD Bumper
<input type="checkbox"/>	Welded Bumper-12" w/ Radiator/Grill Guard & Tow Pins
<input type="checkbox"/>	Galvanized Bumper
<input type="checkbox"/>	Painted Bumper-Black
<input type="checkbox"/>	Painted Bumper-Safety Yellow
<input type="checkbox"/>	Painted Bumper-West Coast Green
<input type="checkbox"/>	
<input type="checkbox"/>	Daily Master
<input type="checkbox"/>	
<input type="checkbox"/>	Bumper Magnet
<input type="checkbox"/>	Bumper Magnet with in cab air release

**Front Axle:** Mentor FF801 (12,000 lbs. rating), 285mm Hub Pivoted Axle w/AluTex Auto Slacks, 45 degree wheel cut, with ABS  
 Mentor 16.5" x 6" S-Cam Brakes / Q + Seals  
 Cast Brake Drums  
 Oil Level View Hub Caps  
 Synthetic Front Axle Lube

**Front Axle Options:**

<input type="checkbox"/>	Mentor FCS961 (12,000 lbs. rating) Hub Pivoted, 335mm, w/Auto Slacks & ABS
<input type="checkbox"/>	Mentor FG-943 (14,000 lbs. rating) Hub Pivoted, 285mm, w/Auto Slacks & ABS
<input type="checkbox"/>	Mentor FCS943 (14,000 lbs. rating) Hub Pivoted, 335mm, w/Auto Slacks

Front Suspension: 6-Leaf Front Spring Suspension w/2 1/2" Rubber Bushings, Rated @ 14,500 Lbs.

Front Susp. Options: 7 Leaf Spring, 15,650 Rating

Steering: Sheppard M100 - Mechanical Linkage w/ Power Assist  
 STD Axle Wheel Cut Angle-45°  
 STD Column with Separate Turn Signal Switch  
 Engine Mounted 20 GPM Hydraulic Pump w/Priority Steering  
 Cushion Grip 16" DIA Steering Wheel

Rear Axle: Mentor R624-160, 7:17:1 (30,000lb. Rating), 285mm Hub Piloted, Auto w/Hydro-Air Auto Slacks  
 Axle Mounted Directly to Frame, No Suspension  
 Mentor 10.5" x 7" S-Cam Brakes 1 Q + Sides  
 Rear Parking brakes  
 Synthetic Rear Axle Lube

Rear Axle Options:  
 Mentor RS-23-186, 7.83:1 Ratio (30,000 lbs. rating), 285mm Hub Piloted, w/ Auto Slacks  
 Mentor MOR-H2-P032-12-28:1 ratio (70,000 lbs. rating), 335mm Hub Piloted, Auto Slacks  
 Mentor MOR-H2-P032-10:67:1 ratio (70,000 lbs. rating), 335mm Hub Piloted, Auto Slacks  
 Mentor RS-24-160 Differential Lock, w/momentary control switch.  
 Mentor RS-23-186 Differential Lock, w/momentary control switch.  
 Mentor MOR-H2-P032 Differential Lock, w/momentary control switch.

Note: MOR axle is not ABS compliant, limited to 32 MPH, (Requires a "Forced Neutral" Transmission option)

Brake System & Air and Trailer Equipment:  
 Dual Circuit Brake System with 3rd Air Reservoir with ABS  
 MV-3 Module Brake Valves  
 Rear Parking brakes  
 QC-1 & BPR-1 Valves  
 S-Steel Tank Reservoirs = 4754 cu. in.  
 Manual Air Tank Drain with Wet Tank Drain  
 Nylon Chassis Hoses (Color Coded)  
 (2) .15" x 3/8" Straight Rubber Trailer Air Lines w/ Break Away Glad Hand Receivers  
 45 Degree Glad Hand Box  
 Air Release Fifth Wheel with Trailer Interface

System & Trailer Air Options:

X	Bendix ADJ/P Air Drier
	Wabco Air Drier
	Duetsch ABS-32 MPH Max Speed
X	Heated Splitter Valve
	Non-Heated Splitter Valve
	Nylon Coil Trailer Air Lines (red & blue)
	Glad Hand Extensions- color coded
	Cast Iron Glad Hand Receivers
	Frame Petcock Drain Valve
	QC & R-14 Relay Valve (Required with MOR axle)

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Hydraulic System:

Painted Steel Hydraulic Tank, Vented, with inboard mounted Sight Glass, 18 gal Volume  
21 GPM Engine Mounted Hydraulic Pump w/Steering Priority Valve  
Hydraulic Fluid is ATF (req)  
Hydraulic Cylinders 5" ID X 18" Vertical lift  
Pressure Set for 70,000lb Capacity  
Isolation ball valves on hydraulic tank  
Electric "Joy Stick" servo Operated Fifth Wheel Raise & Lower Controls

Hydraulic Options:

Electric Rocker Switch Servo Operated Fifth Wheel Raise & Lower Controls instead of Joy Stick
Stroke limiter (Specify Sh. Wheel height from ground)
Stroke limiter set to 12" maximum lift
*Weld Line Kit PTO only. Customer supplied controls

Lift Boom:

1 1/2" Side Arms Severe Service Boxed Boom for Fifth Wheel Mounting

Boom Options:

Galvanized Coating
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Fifth Wheel:

Holland FW 3500 Series (70,000 lbs. rating) Cast Fifth Wheel (Welded on)

Fifth Wheel Options:

Holland FW2870 Series (100,000 lb. rating) Fabricated Fifth Wheel (Bolted On)
Fifth Wheel Jaw Locked Warning Light
Fontaine Fifth Wheel (includes lower tail supports)

Transmission and Driveline:

Allison RDS 3000 Series Automatic  
Gen V Controls, 1-5 Speed 2300 RPM Shift  
1770 Series Driveline and U-Joints  
3 Year Allison Warranty w/Transyn Fluid  
Electronic Push-Button Shift Selector  
12/24 Volt

Transmission Options:

Allison RDS-3000 Gen V, 1-3 Speed (required for DOT-33 mph, Non-ABS)
Allison RDS 3000 Gen V, 1-4 Speed
Forced Neutral-When Parking Brake Applied
5 Year Allison Extended Warranty

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**Electrical & Lighting:** 12 Volt, Negative Ground System  
 Head Lights, High/Low Beam, Halogen, W/LED Turn Signals  
 Battery = (2) 730 amp, Threaded Stud, Group 31  
 Seven Wire Trailer Receptacle Box  
 Rear of Frame Tail (3) LED Light Panel w/License Plate Light  
 (1) -LED Fifth Wheel Flood Light Facing Rearward, on when in reverse.  
 (2) -LED Side Facing Flood Lights, Cab Bar Extended to 102" Total Width  
 Back Up Alarm  
 Rubber Cover over Batteries  
 12V Power Supply Hook Up

**Electrical Options:**

<input checked="" type="checkbox"/>	Coiled 7 Wire Trailer Light "Cable" w/ ABS Connection (Green)
<input type="checkbox"/>	Engine Starter Lock-Out Disconnect Switch
<input type="checkbox"/>	Lockable Battery Disconnect Switch
<input checked="" type="checkbox"/>	Dual Power Supply, Battery & Ignition
<input checked="" type="checkbox"/>	LED Amber Strobes (Trucklike)
<input type="checkbox"/>	LED Flashing Front Warning Lights
<input checked="" type="checkbox"/>	CS-Light Spot light with dash controls (increases Cab height by 6 7/2 inches) MA with 72" Cab
<input type="checkbox"/>	LED Headlight package with LED front turn signals
<input type="checkbox"/>	(2) Additional LED Flood lights mounted on bottom of Cab bar (5 Total)
<input type="checkbox"/>	Daytime Running Lights (DRL's)
<input type="checkbox"/>	(2) 925 CCA batteries
<input type="checkbox"/>	Galvanized Battery Box

**Climate Control:** Heater with Windshield Defroster/Defog Plenum  
 49,300 BTU's Rating, 650 CFM  
 Serviceable Heater Filter  
 3-Speed Fan Control  
 All Electric Controls w/Adjustable Temperature Control

**Climate Control Options:**

<input checked="" type="checkbox"/>	Heater with Integral Air Conditioning -32,500 BTU's Rating
<input type="checkbox"/>	Heater box with AC components for ease of field conversion
<input type="checkbox"/>	Heater Supply line shut-off valve

**Seat:** Bostrom, Baja Series, Mid-Back, Air Ride, Black Vinyl, Non-Recline  
 LH Arm Rest, Swing Up  
 3-PI Orange Seat Belt w/Comfort Latch

**Seat Options:**

<input type="checkbox"/>	Bostrom, Baja Mid-Back, Air-Ride, Cloth, Non-Recline
<input type="checkbox"/>	Bostrom, T915 Mid-Back, Air Ride, Vinyl with Isolators
<input type="checkbox"/>	Bostrom, T915 Mid-Back, Air Ride, Cloth with Isolators
<input type="checkbox"/>	Bostrom, T915 Mid-Back, Air Ride, Cloth with Isolators
<input type="checkbox"/>	National, Mid-Back, Air Ride, Vinyl
<input checked="" type="checkbox"/>	CORDURA SEAT
<input type="checkbox"/>	Training Seat / Fold-Away
<input checked="" type="checkbox"/>	NO RECLINE

**Steps/Gratings:** Heavy Duty Steel Anti-Slip Gratings and Steps Painted TICO Orange  
 Noise Covers

**Step/Grating Options:**

<input type="checkbox"/>	Custom Grating, Steps and Hand Rail Color, Safety Yellow
<input type="checkbox"/>	Custom Grating, Steps and Hand Rail Color, West Coast I/LA Green

**Tires:** 11R22.5 Tubeless All Position Rib Front & Rear Tires LR-G "General" RA (Smartway Certified)  
**Tire Options:**

<input checked="" type="checkbox"/>	11R22.5 Tubeless (4) Drive Rear - Traction Tread - Load Range-G "General RD Open Shoulder
<input type="checkbox"/>	295/75R22.5 Tubeless All Position Front/Rear "General" RA
<input type="checkbox"/>	295/75R22.5 Tubeless Rib RA Front/Open Shoulder Drive Rear - Traction Tread - Load Range-G "General" RD

(6) Continental Brand tires in lieu of General Brand

**Wheels:** 22.5" X 8.25 285mm Hub Pilot White "E" Coat - 5 Hand Hole  
**Wheel Options:** 22.5" X 8.25 335mm Hub Pilot White "E" Coat-5 Hand Hole

Paint: Cab- White Gel Coat  
 Frame- Black Urethane Top Coat with Zinc Rich Primer  
 Walkways, Steps & Handrails- TICO Safety Orange  
 Wheels- White "E" Coated

Paint Options:

Special Color - Cab Only Gel coat Specify:  
 Special Color - Cab Only Urethane Specify:  
 Two-Tone - Cab Only Specify:  
 Special Color - Frame Only Specify:  
 Wheels Specify:

Special Options

Customer Special Requests:

X CORDURA SEAT  
 X NO RECLINE

Freight

Provided by TICO - Billed Separately  
 Provided by Customer

Order Revisions Dates

Effective 02/13/2017