



An ISO 9001:2000 Certified Company

Autocar MY 2018 6x4 Off-Road Terminal Tractor Standard Specifications

Engine and Equipment	Standard	Optional
Engine model	Cummins QSBT4f 146HP @ 2100RPM 620 LB-FT @1500RPM	Cummins QSBT4f 164HP @ 2300RPM, 540LB-FT@1500RPM Cummins QSBT4f 173HP @ 2300RPM, 620LB-FT@1500RPM Cummins QSBT4f 195HP @ 2300RPM, 590LB-FT@1500RPM Cummins QSBT4f 260HP @ 2300RPM, 730LB-FT@1500RPM Cummins B6.7 200HP @ 2600RPM, 520LB-FT@1500RPM Cummins B6.7 260HP @ 2600RPM, 660LB-FT@1500RPM
Exhaust	Vertical DOC w/ Horizontal SCR 5 Gallon DEF tank	Vertical DPF/SCR (B6.7 Only) 10 gallon DEF tank, Vertical DPF/SCR (2017 ISB)
Air cleaner	Donaldson 11 inch dual stage	Donaldson inline precleaner/Donaldson topspin precleaner/exhaust turn-out
Radiator	1000 sq in copper brass	
Fan & drive	Direct drive	Viscous fan drive
Coolant hoses/piping	Silicone hoses with steel tubing	
Coolant	Extended life coolant	
Engine Equipment	Fleetguard FS 1003 F/W Separator w/ probe & dash light	<i>Fleetguard FS 1003 with heat/Davco 382 with heat Engine block heater (750/1000W)/Oil pan heater/engine oil sample port Arctic Fox in-tank fuel heater w/ thermostat</i>

Transmission and Equipment

Transmission model	Allison 3000 RDS	<i>(Allison 3500 RDS)</i>
Transmission gearing	4-speed	<i>(3-speed 4 speed or 5-speed)</i>
Transmission controls	Allison push button	<i>(Allison T-handle)</i>
Transmission cooler	Oil to water type	
Transmission lubricant	TranSynd™ synthetic	
Driveshaft	Dana Spicer® 1710 half-round	

Front Axle and Equipment

Axle model	Meritor MFS Widetrack (14,700lb rated)	<i>Dana Spicer® E-1322-W (13,200 lb rated)</i>
Front suspension	Flat leaf (14,500 lb rated)	
Shock absorbers	None	Double acting - heavy duty
Power steering	Gearbox, integral steering w/ mechanical backup	
Power steering reservoir	Integral w/ hydraulic tank	
ABS	None	4S4M with and without traction control
Brakes	15x4 s-cam	16.5 x 5 s-cam
Brake drums	Cast iron	
Slack adjusters	Meritor automatic slack adjusters	<i>Haldex slacks</i>
Front hubs	Iron hub piloted	

Rear Axle and Equipment

Axle model	Meritor MT40-14X (single reduction)	
Rear axle ratio	7.17:1	
Rear suspension	Hendrickson HN460 54"spread	
ABS	None	4S4M with and without traction control
Brakes	16.5x7	16.5x8.62

Brake drums
Slack adjusters
Rear hubs
Gear lubricant

Cast iron
Meritor automatic slack adjusters
Iron hub piloted
Synthetic

Haldex slacks

Chassis and Equipment

Wheelbase 146
Frame 2.0 million RBM, 50,000 KSI steel, 'C'-reinforced
Frame fasteners Huck bolts where possible
Bumper Steel reinforced bumper
Tow device(s) Front & rear tow eyes
Mud flaps Rear of drive tires
Brake system 121 air brake system, front/rear system protection

*Heavy duty reinforced bumper
Rear Pintle hook*

Pneumatic System (Rapid Fill)

Air compressor Wabco 18.7 CFM
Air system drain valve Manual petcocks all tanks
Air lines Nylon, color coded

Pull cords on all tanks, 1/4 turn valve tank drains

Fuel System

Fuel tank 50 gallon steel rectangular w/ deep step, left side mounted
Fuel filter Cummins
Fuel lines SAE J844 nylon

*50 gal round tank (24" dia)
Davco 382 w/Heat*

5th Wheel and Hydraulic System

5th wheel	SAF/Holland 70,000 lb semi-oscillating 16 inch lift bearings	(SAF/Holland 100,000 lb, Jost, Fontaine options)
Hydraulic lift cylinders	(2) 5 inch 50,000 lb capacity, upper & lower spherical bushings	(limited lift height cylinders)
Hydraulic tank	15 gallon steel tank w/ sight glass	
Pump	Engine mounted	Transmission PTO Driven

Trailer Equipment

Air connections	15' straight rubber trailer hoses w/spring hangers	12 ft color coded coiled w/ glad-hands, breakaway connections
7-way electric cable receptacle	7-way electric cable 12ft coiled	12ft and 20ft straight detachable

Tires and Wheels

Front tires	11R22.5 Doublecoin	Low-Pro (295/280/275)/Goodyear, Michelin, Continental
Front wheels	Steel 22.5 x 8.25 hub piloted, 285mm BC	22.5x8.25" Steel 2 HH wheel, customer supplied wheels/tires
Rear tires	11R22.5 Doublecoin	Low-Pro (295/280/275)/Goodyear, Michelin, Continental
Rear wheels	Steel 22.5 x 8.25 hub piloted, 285mm BC	22.5x8.25" Steel 2 HH wheel, customer supplied wheels/tires V2B flow through valve caps

Electrical System

Electrical System	12V, negative ground	
Alternator	Delco Remy 22SI 130AMP	Delco 160 AMP, 28SI w/ Remote Sense pad mount Mitsubishi 12V 160 AMP pad mount
Starter	Denso 12V	
Batteries	(2) group 31 950 CCA (min)/1900 CCA total	2000CCA, 3000CCA, AGM batteries 1800CC, 2300 CCA
Circuit protection	Automatic circuit breakers	
Windshield wipers	Single electric (pantograph)	Single electric (pantograph) intermittent w/washer
Backup alarm	Non-motion detecting	
Horn	Single	Air horn - roof mounted

Lighting

Headlamps	Low/high halogen	LED Headlights, Spot-style headlights, direct wired
Backup light, stop & turn signals	LED stop & turn, incandescent backup, shock resistant mount	LED spot lights, alternate positioning
BOC 5th wheel light	Incandescent, shock resistant mount	LED
Marker and side turn signals	LED	

Cab and Equipment

Cab construction	• Electrocoated (e-coated) steel, full cab immersion • (Rust Prevention Coating)	
Cab dimensions (outside)	Raised roof, 52" wide x 71" deep (w/o rear door) x 78" high (deck to roof)	
Cab doors	Left side hinged door w/ manual crank window, aluminum sliding rear door	
Rear door opening (useable)	24" wide x 72" high	
Cab floor	Sweep out floor w/ durable mat	
Cab dash	Steel wrap around	
Overhead console	Steel	
Cab mounting	4 point, rear dual (2) air suspensions	3 point rear spring mount
Cab tilt	Electric over hydraulic	
Glass	Tinted, laminated windshield	
Mirrors	Dual SST west coast mirrors	(heated primary, motorized primary, convex)
Cab climate control system	44,000 BTU fresh air heater	(air conditioning)
Steering column	Fixed	Tilt/telescopic
Steering wheel	18 inch 2-spoke	
Seat	Air suspension, mid-back without fore/aft isolation	(air suspension, mid-back with fore/aft isolation)
Seat covering	Black Cordura Plus® cloth fabric	Vinyl seat cover
Seat belt	2-point lap belt	3-point orange
Dome light	Switch on dash	

Power ports (2) 12V
Air horns None
Translucent sun visor None
Conspicuity tape Rear of cab

Mounted top right right of cab
Single

Operators Controls

Cab Instrumentation

Cab Warning Devices

Park brake - push/pull
Headlamps
Turn signal - column mounted
Brake pedal (*dual pedal optional*)
Accelerator pedal
5th wheel height control
5th wheel lock
Transmission gear selector - Push button

Speedometer
Engine oil pressure
Coolant temperature
Transmission oil temperature
Fuel level/ DEF level
Primary (A) air pressure
Secondary (B) air pressure
Hour meter
Voltmeter - optional
Tachometer - optional

Park brake
High beam
Turn signal
Low fuel
Low air
Seat belt
DPF
HEST
Air restriction indicator
Filter with water in fuel indicator
Fifth Wheel height indicator/lock indicator - optional

Paint

Cab	White	<i>(customer specific colors)</i>
Chassis	Black	<i>(customer specific colors)</i>
Bumper	Black	<i>(customer specific colors)</i>
Wheels	White powder coat	<i>(customer specific colors)</i>

Optional Equipment

Air Dryer (ADIP, AD-9, Wabco)	Glad-hand and 7-way cable storage	Cab fan
Fuel/water separator w/ heater	Battery disconnect switch	AM/FM radio/CD w/ aux input, speakers & antenna
Engine block heater	Air restriction indicator w/ dash light	5# ABC fire extinguisher
Oil pan heater	Amber beacon light	Triangle kit
Beavertail/frame extension/kingpin guides	Spot/work/flood lights	Additional instrumentation
Front axle mudflaps	Rear door laminated glass	Lever start, no key/pushbutton start
Rear axle mudflap (front)	Training seat	Double blink strobe light, other strobe/beacon options
Rear flexible fenders	Auto lube system (Interlube)	Trailer hand brake
Fender skirt./splash protector	Trailer stops/full cab guard	Two stage air cleaner
Glad hand buckets	Dock bumpers (cab)	Trailer Rapid fill system
Additional engine tunnel insulation	Additional decking, side cab catwalk	Pneumatic 5th wheel lockout
360 degree swivel trailer light	Safety yellow decking	Cab document storage
Premium seating options (swivel, heated)	Diamond plate cab floor	Dollymaster, pintle hook options
Rear diff lock	RH deck access steps	

Vehicle Ratings

Vehicle tare weight, front	
Vehicle tare weight, rear	
GAWF	13,200 lbs
GAWR	40,000lbs
GCW	80,000 lbs

Performance

Basic Warranties

Autocar terminal tractor	1 year or 3,000 hours whichever occurs first, parts & labor	
Frame	7 years or 20,000 hours whichever occurs first	
Cummins engine	QSBT4 - 2 years parts & labor (2,000 hours)	B6.7 - 3 years parts & labor (2,000 hours)
Allison transmission	3 years parts & labor	<i>5 year optional</i>
Dana axles	3 years parts & labor	
Meritor Axles	(24-160 only) 6 months, parts only	2 years parts & labor

Autocar Industries, LLC • 551 South Washington Street • Hagerstown, IN 47346
Toll Free: 877-973-3486 • Fax: 765-489-5230 • www.autocartruck.com