

TS 35E

Technical Specifications

Engine	
Model	Cummins L9 350 HP – EPA 2017
Number of cylinders / Piston displacement (in ³)	6 / 543
Maximum Output	350 HP / 2000 RPM
Maximum Torque	1,150 lb-ft / 1,400 rpm
Transmission	
Model	Allison B500 (Retarder option)
Axle	
Front Axle	ZF RL 75 E - independent
Drive Axle	ZF A 132
Ratio	4.27
Suspension	
Front	Independent with shock absorber and torsion bar type stabilizer x 2 air bellows Shock
Rear	Absorbers x 4 air bellows
Steering Electrical	
Model	Power Steering System
Brakes	
Service Brake	Full dry air, dual circuit with auto slack adjuster / Knorr disc brakes at front and rear with WABCO
ABS	Standard
ESC	Standard
ATC	Standard
Structure	
Type	Frameless monocoque structure in stainless steel
Tires and Wheels	
Tire size	315 / 80 R 22.5
Fuel Tank	
Usable fuel tank capacity (US gal)	154
DEF tank capacity (US gal)	15
Dimensions and Weights	
Overall length (ft)	35
Overall width (in)	100.4
Overall height (incl. air conditioner)	11'6.6"
Wheelbase (in)	218.1
Overhang front / rear (in)	81.9 / 123
Floor to ceiling height (in)	75
Luggage compartment (ft ³)	215
GVWR	37,448 lbs (16,986 kg)
Max. seating arrangement	40+1 with restroom, 36+1 with wheelchair lift and restroom options
Electrical System	
System voltage / Battery alternator	12 - 24 V / 2 x 12 V, 225Ah with equalizer
Alternator	2 alternators
Heating and Air Conditioning System	
Driver area	Defroster for driver area heating / cooling and windshield defrosting full
Passenger compartment / air conditioner	Automatic convector system / roof type air conditioning unit 32 kW option
Preheater	Spheros Thermo E320-32kW Option