

Specifications	
	DA40-5
Configuration	DA40-5
Engine	
Model	DA40-5
Rated Flywheel Power (Gross)	500 hp @ 2,100 rpm (ISO-3046)
Rated Horse Power (Net)	483 hp @ 2,100 rpm
Max. Torque (Net)	1750 lbf-ft @ 1,300 rpm
Engine Emissions Tier (EPA)	T4
Engine After Treatment	SCR, CEGR with DOC
Engine Make	Scania
Engine Name	DC13
Engine Number of Cylinders	6
Engine Displacement	775 in ³
Aspiration	Turbo intercool
Hydraulic System	
Main Pump: Displacement	8.85 in ³ /rev
Main Pump: Max. Flow Rate (each)	80.57 gal/min
Main Pump: Quantity	1
Main Pump: Main Relief Pressure	4,061 psi
Undercarriage	
Ground Pressure	
Travel System/Drive Mechanism	
Travel performance: Gradeability	
Weights	
Operating Weight (Unloaded)	70,107 lb
Operating Weight (Loaded)	158,292 lb
Rated Payload	88,185 lb
Front Axle Load - Empty	31,967 lb
Rear Axle Load - Empty	34,833 lb
Dimensions	
Total Height (A)	12' 7"
Overall Length (B)	34' 8"
Total Width Outside Tires (R)	11' 4"
Articulation	45°
Standard Tire Size	29.5 R25
Ground Clearance Empty (E)	2' 1"
Load Over Height	11' 0"
Turning Radius Outside Wheel (ISO 7457)	27' 7"
Chassis	7 degree down sloping
Transmission	
Travel Speed Max Forward	34.18 mph
Travel Speed Max Reverse	9.94 mph
Drive Type Std. Configurations	6x6

Speeds Forward	8
Speeds Reverse	4
Transmission Description	Powershift, Countershaft
Gears with Torque Convertor Lock Up	All Gears
Travel Speed Forward - 1st gear	3.11 mph
Travel Speed Forward - 4th gear	9.94 mph
Refill Capacities	
Fuel Tank	140.01 gal
DEF Tank	10.04 gal
Cooling System	13.21 gal
Transmission	19.02 gal
Tandem Housing Count	2
Hydraulic System	55.21 gal
Engine Crankcase	11.89 gal
Engine Oil	11.89 gal
Hydraulic Tank	55.21 gal
Body	
Body Volume Struck without Tailgate	25.64 yd ³
Body Volume Heaped 2:1 without Tailgate	31.91 yd ³
Body Tipping Time UP	10 s
Body Tipping Time Down	10 s
Body Tipping Angle	70°
Tip System	Single Stage, Double Acting
General	
Rear Differential - Type	Limited-slip
Front Axle - Differential Type	Limited-slip
Longitudinal Differential Type	Locking
Retarder	Exhaust brake and transmission hydraulic
Brake Type	Wet Multi Disc