

# DA30-5 Build Sheet

Scania DC9, Turbocharged, Water Cooled, Air to Air Intercooled, Tier 4 Final

Electronically Controlled Common Rail Direct Injected

SCR, CEGR with DOC

Displacement 568 cu in. (9.3 L)

5 Cylinders with Individual Heads, Bore 127 mm dia x Stroke 140 mm

375 Gross HP (ISO 3046) @ 2100 rpm

## ENGINE

362 Net HP (ISO 14396) @ 2100 rpm

Maximum Torque 1,381 ft lbs @ 1300 rpm

Centrifugal Oil Cleaner

Donaldson 2 Element Dry Engine Air Filter

Fuel Filter with Pre-heater and Water Separator

Engine Overheat and Low Oil Pressure Warning System

24V Starter, 2 x 12V Batteries (140 Ah each), 100A Alternator

ZF 8EP-320

8F / 4R Gears, Lockup in All Gears

## TRANSMISSION

Full Automatic or Manual Shift, Powershift, Countershaft

Electronically Controlled with Retarder

Top Speed - 34.2 mph Forward, 9.9 mph Reverse

Limited Slip Front and Rear Differentials

## DRIVELINE

100% Lockable Inter-axle Differential

Free Swinging Rear Tandems With Oil Bathed Gears

High Tensile HB400 Steel with Single Stage, Double Acting Hoist Cylinders,

Standard Body has 8 mm Front, 10 mm Sides, 12 mm Bottom

Scissor Type Top Tailgate

31 Short Ton Payload (61,729 lbs.)

## BODY

Heaped Body Capacity 22.0 yd<sup>3</sup> (23.3 yd<sup>3</sup> with Tailgate)

Struck Body Capacity 17.8 yd<sup>3</sup> (18.6 yd<sup>3</sup> with Tailgate)

Body Tipping Time Up - 12 s

Body Tipping Time Down - 10 s

Interior 72 dB(A) (ISO 6394)

ROPS/FOPS (ISO 3471, ISO 3449)

Adjustable Air Suspension Operator Seat

Instructor Seat

All Instrumentation in LCD Display

Ashtray

12V Charging Port

Retractable Roller Sunblind

Tinted Safety Glass

Sliding Window Rear Left Side and Front Right Side

Tilt Cab to Rear by Standard Hydraulic Jack

Tilting and Telescopic Steering Wheel

Electronic Retarder Control Lever

Radio/CD/MP3

Electronic Climate Control

Hand/Arm Vibrations < 2.5 m/s (ISO 5349-2)

Whole Body Vibration < 0.5 m/s (ISO 2631-1)

LCD Digital Information Displayed:

-Rpm's

-Travel Speed

-Engine Coolant Temperature

-Transmission Oil Temperature

-Retarder Oil Temperature

-Fuel Level

-Transmission Gear Engaged

-Urea Remaining

-Fault Codes

-Gradient Meter

LCD Warning Lights

-Engine Failure

-Low Engine Oil

-Low Coolant

-Dirty Engine Air Filter

-Transmission Failure

-Parking Brake

-Brake Failure

CAB

	<ul style="list-style-type: none"> <li>-Hydraulic System Failure</li> <li>-Emergency Steering Failure</li> </ul> <p>General</p> <ul style="list-style-type: none"> <li>-Autolube System Failure</li> <li>-Battery Charge</li> <li>-Body Down</li> <li>-Various Lights</li> <li>-Transmission Lock Up</li> <li>-Auto/Manual Transmission Mode</li> <li>-Retarder ON</li> <li>-Engine Brake On</li> </ul>
HYDRAULIC	<p>1 Axial Piston, Variable Displacement Main Pump, 80.6 gpm</p> <p>1 Radial Piston, Variable Displacement Emergency Steering Pump, 13.2 gpm</p> <p>Main Relief Pressure 4061 psi</p>
BRAKES	<p>Electronic Engine Exhaust Brake and Hydraulic Transmission Retarder</p> <p>Dual Circuit, Hydraulic Operated, Oil Cooled Wet Disc</p> <p>Spring Applied Parking Brake, Hydraulic Released</p>
SUSPENSION	<p>Front - Independent with 1 Hydro-gas suspension cylinder, Each Side, with pressure accumulators</p> <p>Rear - Free Swinging, Oil Bathed and Gear Driven Tandem Housings</p>
TIRES	Techking 23.5R25 ETLT E3 Radial
REFILL CAPACITIES	<p>Fuel Tank - 88.5 gal</p> <p>Diesel Exhaust Fluid Tank - 10 gal</p> <p>Cooling System - 11.9 gal</p> <p>Hydraulic System - 54.2 gal</p> <p>Engine Oil - 8.8 gal</p> <p>Transmission - 17.7 gal</p> <p>Front Differential - 2.5 gal</p> <p>Rear Differential - 8 gal</p> <p>Front Hub - 2 x 2.9 gal</p> <p>Tandem Housing and Hubs - 2 x 15.2 gal</p>
	<p>Groeneveld Autolube System</p> <p>On Board Load Weighing System</p> <p>Work Lights on Roof Cap</p> <p>Rear View Camera</p>

OTHER

- Mud Flaps
- Body Front Spill Guard
- CD Parts Book, O&M Manual
- Windshield Washer and Wiper
- Rear Window Protection
- Ground Driven Emergency Steering
- Tow Hooks Front and Rear
- Engine Emergency Shutdown Switch
- First Maintenance Kit
- Telematics 3 Year Subscription
- 12 Months / 2,000 Hours Standard Warranty