



**SCANIA**  
Total Transport Solutions  
scania.com.au

SCANIA Chassis Specification

# SCANIA R500

8x4 Prime Mover

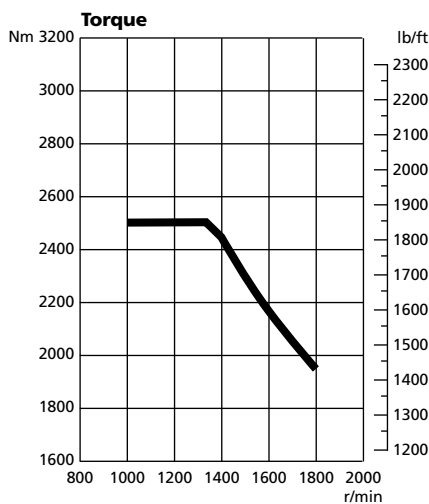
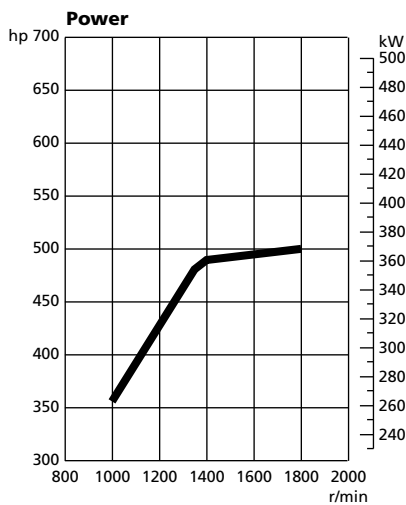


## R-SERIES

Scania Specification

**Distinct, dynamic and sharper than ever, the new Scania R-series sets a new standard in long-haulage truck design and technology.**

Scania's R 500 brings effortless V8 power and torque to heavyweight single trailer work, B-Double or roadtrain interstate haulage, as well as proving ideal on the wharf or wherever heavy containers need shifting.



### Engine & Gearbox

- Scania DC16 500 16Litre 90° V8
- Euro5 (ADR 80/03)
- Power - 500hp (368kW) @ 1800rpm
- Torque - 2500Nm (1844ft/lb) @ 1000-1400rpm

### Engine Features

- Scania electronic fuel injection
- Single stage turbocharger
- SCR with catalytic converter
- Centrifugal engine oil filter
- Spin-on turbocharger oil filter
- Cartridge style fuel filter

### Fan

- 11 Blade, electronically controlled viscous drive

### Alternator

- Scania 24V, 100amp

### Compressor

- Knorr 720, twin cylinder, 800L/min with air drier

### Air Cleaner

- Mounted under the grille R/H side

### Gearbox

- Scania GRSO905R, Overdrive 14 speed
- With Scania Retarder

### Gearbox Features

- Scania Opticruise
- Gearbox oil cooler
- PTO – Electrical Preparation

### Front & Rear Axles

#### Front Axle

- Scania AMA 740

#### Front Suspension

- Scania 4 bag air suspension 7100 kg capacity with anti roll bar

#### Rear Axles

- Scania ADA 1100 Axle housings
- Scania RB662/R660 Differentials
- Ratio 3.42 with power divider and differential locks

#### Rear Suspension

- Scania 4 bag air suspension (19000 kg capacity)

#### Brakes

- Scania electronically controlled disc brakes
- EBS with integrated ABS and Traction Control
- Hill hold

#### Wheels

- Steel disc wheels painted silver
- 22.5" x 8.25" Tubeless rims
- 335mm PCD

#### Tyres

- Front – Continental HSR2 295/80 R22.5
- Rear – Continental HDR2 295/80 R22.5

## Chassis

### Frame

- Scania F950, 270 x 90 x 9.5 mm
- Width 770 mm

### Paint

- Scania Sub-Grey (Powder Coat)

### Axle Distance

- 4700mm (5775mm wheel base)

### Fuel

- 500L (1x500L R/H)

### Front Bumper

- Low Mounted FUP compliant bumper
- FUP to ECE R93

### Batteries

- 24V (2x12V, 180amp) L/H Side
- Chassis electrical connection for auxiliary equipment (Max 200 amps)

### Trailer Connections - Brakes

- Trailer Supply & Emergency to suzi coils

### Trailer Connections - Electrical

- 24V trailer light outlet (ISO 1185) to end of frame
- 24V trailer 7pin ABS outlet to end of frame
- Scania Body Work System with Cable Harness
- Front Mudguards with Spray suppression 1st axle only

## Cabin

- Scania CR19 Highline Sleeper cab with four point air suspension
- Cab Strength to ECE R29

### Paint

- Cabin painted Scania white
- With Brilliant Black grille
- Cab colour bumper & front guards

### Exterior Equipment

- Aerodynamic main & spotter mirrors electrically heated
- Electrically adjustable main mirrors
- Close up mirror on passenger side
- Front view mirror
- Roof rails with full air foil kit
- Roof mounted air horns
- Manual roof hatch with mosquito net
- Remote Central Locking
- External storage compartments

### Lighting

- H4 headlights
- Day time running lights – White LED
- End outline marker – White LED
- Driving lights in sun visor
- Spot lights in bumper
- Boarding step lights
- Turntable light

### Interior Equipment

- Luxury driver's seat with armrests
- Fully adjustable with lumbar support
- Folding passenger seat
- Black woven trim
- Soft feel black/grey dash with dark chrome trim
- Center storage and passenger table
- Cruise Control & Dash display controlled from steering wheel
- Scania colour dash display featuring rear axle load, hour meter, service and vehicle information
- AM/FM radio, CD player with Bluetooth
- AUX MP3, input
- CB & phone electrical preparation
- 12V outlet in dash
- FMS Preparation
- Resettable circuit breakers
- Power windows
- Automatic climate control with air conditioning
- Refrigerator/freezer under bunk
- Lower Bed, 700 - 900mm extendable bunk
- Upper Bed, 700mm
- Curtains, windscreen & doors, bed
- Protective rubber floor mats

### Additional Equipment

- 20m tyre inflation hose
- Jack & wheel brace
- Globe kit
- Drivers manual
- Reverse alarm
- Three safety triangles

## Notes



**SCANIA**

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