

# SCANIA N112DR



The Scania N112DR is a purpose-built chassis designed for semi-integral construction with single or double-deck bus bodies.

The sound insulated engine compartment reduces external noise levels down to those of a normal car.

The proven Scania 11 litre engine offers economy with power and drives through a Voith three speed automatic gearbox with built-in retarder.

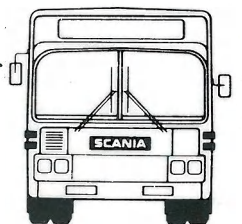
Available in either 4.95m (16ft 3ins) or 5.64m (18 ft 6ins) wheelbases, the chassis lends itself to meeting the body length requirements of today's bus operators.

Full air suspension complements the sound insulated engine to provide passengers with a comfortable travelling environment. Furthermore, it ensures that ride and step heights remain constant.

These features linked with Scania quality and reliability ensure that the N112DR copes easily with the demands of a modern bus operation.

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# SCANIA N112DR

## DIMENSIONS (mm)

Wheelbase	4950	5640
Overall length	9543	10233

## WEIGHTS (kg)

Front axle (maximum design)	6000
Rear axle (maximum design)	10700
Total	16700
Approximate chassis weight	6200

## ENGINE

Scania DN11 04 4-stroke direct injection diesel.

No. of cylinders: 6

Swept volume: 11 litres

Maximum power: (BSAU141a 1971) 142kw (193 bhp) at 2200 revs/min.

Maximum torque: (BSAU141a 1971) 720Nm (531 lbf.ft) at 1200 revs/min.

(Optional DS11 Turbo Charged Diesel Engine)

## COOLING SYSTEM

Side mounted radiator with thermostatically controlled, hydraulically driven cooling fan. Engine compartment cooled by engine driven radial fan.

## GEARBOX

Voith D851 three-speed automatic gearbox with built-in retarder. Gearbox mounted on rear of engine, with angle drive driving to rear axle.

(Optional Scania GAV 762R 4 speed fully automatic gearbox with retarder)

## REAR AXLE

Scania AD90 housing Scania RV654 final drive available with either 4.88:1 or 5.57:1 ratio.

## STEERING

Recirculating ball, hydraulically assisted power steering with 54° steering lock.

## SUSPENSION

Full air suspension. Front axle with two air bellows and double-acting shock absorbers. Rear axle located in a framework having four air bellows and double-acting shock absorbers.

## BRAKE SYSTEM

EEC dual circuit system with spring brake chambers on rear axle. Air dryer and automatic slack adjusters are standard equipment.

## ELECTRICAL SYSTEM

24 volt negative earth return.

