

# ***OFF ROAD TRUCK & TRAILER***

Factory Rebuilt Trucks and Trailers

## ***Vehicle Range***

<b><u>Model</u></b>	<b><u>Drive</u></b>	<b><u>Load Capacity</u></b>
•Samil 20	4x4	up to 3 tonnes
•Samil 50	4x4	up to 7.5 tonnes
•Samil 100	6x6	up to 14 tonnes
•Unimog	4x4	2 – 3 tonnes
•Armoured Vehicles	4x2, 4x4 & 6x6 Configuration dependent	

# SAMIL 20 4 x 4

## ENGINE

### Description

Air cooled 4 stroke 6 cylinder naturally aspirated diesel engine

### Technical Data

Type: Deutz F6L 913

Cylinders: 6

Displacement: 6128 cm<sup>3</sup>

## GEARBOX

ZF S5-35 synchromesh gearbox with 5 forward gears and 1 reverse gear. PTO facility

1st gear ratio: 8.02:1

Top gear ratio: 1.00:1

Reverse gear ratio: 7.20:1

## TRANSFER BOX

ZF Z65

On road gear ratio: 0.939:1

Off road ratio: 1.783:1

Differential lock provided

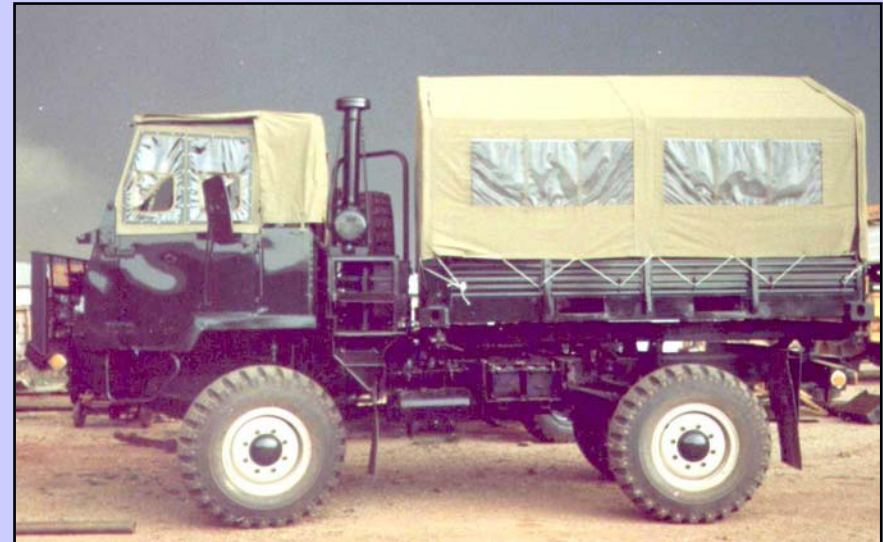
## VEHICLE MASS

Tare mass: 4 580kg

Manufacturers GVM: 7 700kg

Max. body &

payload allowance: 3 120kg



# SAMIL 50 4x4

## ENGINE

### Description

Air cooled 4 stroke direct injected 90° V naturally aspirated diesel engine

### Technical Data

Type: Deutz F6L 413F  
Cylinders: 6  
Displacement: 9572 cm<sup>3</sup>  
Max power: 141kW @ 2 500 rpm  
Max torque: 612 Nm @ 1 500 rpm

## GEARBOX

ZF S6-635 synchromesh gearbox with 6 forward gears and 1 reverse gear. PTO facility

1st gear ratio: 9.00:1  
Top gear ratio: 1.00:1  
Reverse gear ratio: 8.45:1

## TRANSFER BOX

ZF Z65

On road gear ratio: 1.032:1  
Off road ratio: 1.783:1

Differential lock provided



## VEHICLE MASS

Tare mass: 6 340kg  
Manufacturers GVM: 12 400kg  
Max. body & payload allowance: 6 060kg

# Samil 100 6 x 6

## ENGINE

### Description

Air cooled 4 stroke direct injected 90° V naturally aspirated diesel engine

### Technical Data

Type: Deutz  
10L413F

Cylinders: 10

Displacement: 15 953 cm<sup>3</sup>

Max power: 235kW @ 2 500 rpm

Max torque: 1 020 Nm @ 1 500 rpm

## GEARBOX

ZF S6-90 synchromesh gearbox with 6 forward

gears and 1 reverse gear. PTO facility

1st gear ratio: 9.01:1

Top gear ratio: 1.00:1

Reverse gear ratio: 8.30:1

## TRANSFER BOX

ZF Z90

On road gear ratio: 1.128:1

Off road ratio: 1.767:1

Differential lock provided



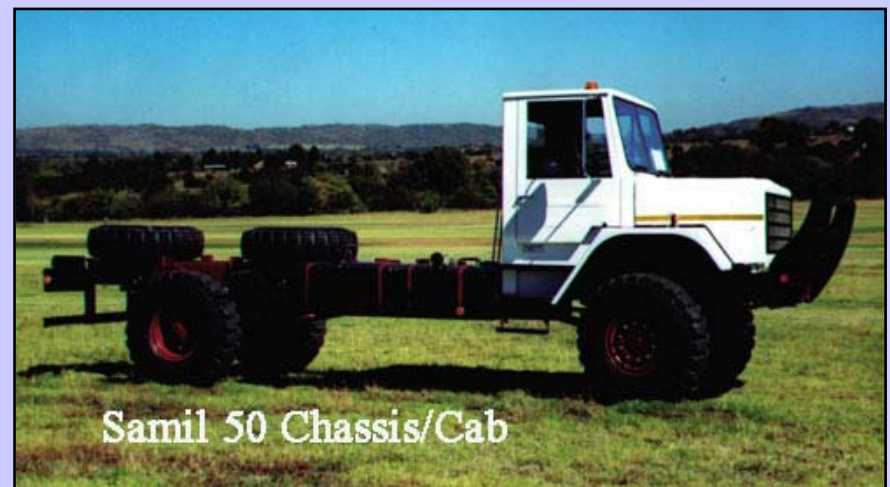
## VEHICLE MASS

Tare mass: 9 135kg

Manufacturers GVM: 25 500kg

Max. body &  
payload allowance: 16 365kg

## *Samil 50 – Typical Configurations*



Samil 100 Recovery Unit



Samil 100 Crane Truck



Samil 100 Tipper



Samil 100 Logger Vehicles  
with Matched Trailers



**In addition to these configurations, we have also done the following:**

- Mobile workshops, lubrication units and generators (also available on trailers)
- Drilling Rigs
- Water and Fuel tankers
- Refrigerated units
- Roll backs
- Mobile compressors (also available on trailers)
- Fire tenders of various specification
- Mechanical tractors (Horse)
- Armoured vehicles in various configurations