

TATA PRIMA 4038.K



TECHNICAL SPECIFICATIONS

MODEL

PRIMA 4038.K

ENGINE

Model

Cummins ISLe 375 Euro-III

Capacity (cc)

8898 cc

Type

Water cooled, direct injection, turbocharged, after cooled diesel engine

Power kw @ r/min

370 BHP @ 2100 r/min

Torque (Nm @ r/min)

1550 Nm at 1200-1400 r/min

TRANSMISSION

Model

Eaton ES15409-DD

Type

Synchromesh on all forward gears constant mesh on reverse gears & crawler

Shift

Cable shift with pneumatic assistance

No. of gears forward

9 Forward 1 Reverse

First gear ratio

10.04

Top gear ratio

1

DRIVE AXLE

Reduction type

TATA RA-210HR-T, Hub reduction axle with 2 stage Differential Lock

Final ratio

4.92

CLUTCH

Type

Single plate dry friction type

Diameter (mm)

430

BRAKES

Type

Full Air Dual circuit - S Cam with ABS

Anti-lock braking system (ABS)

Yes

SUSPENSION

Front

Parabolic spring at front

Rear

Two spring balance beam Bogie with semi elliptic multi rubber Mounted Torque Rods & V-rod at rear

MAJOR DIMENSIONS

Overall Height (mm)

3708 (laden With Load Body)

Overall Length (mm)

8307 (With Load Body)

Overall Width (mm)

2590

Front Overhang

1482

Rear Overhang

1095

Wheelbase (mm)

4570

Gradeability (%)

40

Tipper Box Size (cum)

18 Cum

MASS

GVW (Kg)

28500

Tare - total (T) (kg)

14950

Permissible Rear axle weight (kg)

21000

Permissible Front axle weight (kg)

7500

FUEL TANK

Fuel Tank Capacity (Ltrs)

365 L

TYRES

Size & Ply Rating

12R24-18PR

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