

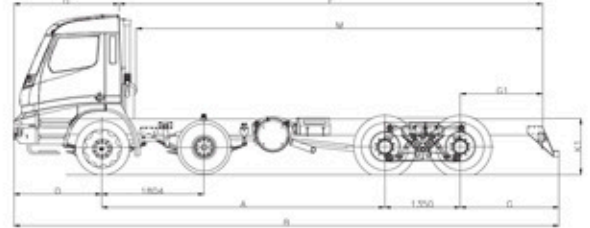
PROFESSIONAL

938



PROFESSIONAL 938 ETE (8X4)

| | |
|----------------------------|--|
| CAB TYPE | Day Cab (Facelift, Wide) |
| CHASSIS FRAME USAGE | Transmixer |
| WHEEL CONFIGURATION | 8x4 |
| ENGINE | |
| MAKE/MODEL | Cummins ISLe5+ 380 (Euro 5) |
| TYPE | Turbo intercooler, diesel |
| NUMBER OF CYLINDERS | 6 |
| TOTAL DISPLACEMENT | 8,9 lt |
| MAXIMUM POWER | 380 PS (280 kW) @ 2100 rpm |
| MAXIMUM TORQUE | 1700 Nm @ 1300-1400 rpm |
| FUEL INJECTION | |
| MAKE/MODEL | Cummins CCR (Common Rail) |
| FUEL TANK CAPACITY | 230 lt |
| CLUTCH | |
| TYPE | Single dry disc, air assisted hydraulic |
| DRIVEN PLATE DIAMETER | 430 mm (17") |
| GEAR BOX | |
| MAKE/MODEL | ZF 16 S 1820 TO NMV221 |
| NUMBER OF GEARS | 16 forward synchromesh, 2 reverse |
| FRONT AXLE | |
| TYPE, CAPACITY | "I" section forged steel, 8000 kg |
| 2nd AXLE (TYPE, CAPACITY) | "I" section forged steel, 8000 kg |
| REAR AXLE | |
| MAKE/TYPER | BMC 300TC / 300C |
| NUMBER OF SPEEDS | Hub reduction |
| AXLE RATIO | 5.10:1 |
| CAPACITY | 26000 kg |
| STEERING SYSTEM | |
| STEERING BOX MAKE/MODEL | HEMA (ZF) 8098 Servocom |
| TYPE | Integral type, hydraulic |
| BRAKE SYSTEM | |
| | Full air service brake, air actuated spring parking brake, ABS/ASR, Jacobs brake |
| SUSPENSION | |
| FRONT AXLE | Parabolic leaf spring |
| 2nd AXLE | Parabolic leaf spring + shock absorbers |
| REAR AXLE | Hendrickson HN402 Rubber susp. + shock absorbers |
| ANTI-ROLL BAR | Front |
| CHASSIS | |
| PROFILE TYPE | "C" section steel profile |
| TYRES | 315 / 80 R 22.5, 12+1 |
| RIMS | 9.00 x 22.5, 10 wheel nuts |
| ELECTRICAL SYSTEM | |
| VOLTAGE | 24 V, negative (-) ground |
| BATTERIES | 2 x 12 V, 150 Ah |
| ALTERNATOR | 70 A |
| STARTER MOTOR | 24 V |



DIMENSIONS (mm)

| | |
|--------------------------------|------|
| A: Wheelbase | 5050 |
| B: Overall length | 9500 |
| C: Overall width | 2500 |
| D: Overall height | 2870 |
| E: Bumper to back of cab | 1696 |
| F: Back of cab to end of frame | 7709 |
| G: Rear overhang | 1595 |
| G1: Chassis rear overhang | 1500 |
| H: Front track | 2070 |
| J: Rear track | 1838 |
| K: Frame height on front axle | 1085 |
| K1: Frame height on rear axle | 1120 |
| M: Useful chassis length | 7514 |
| N: Frame width-front | 975 |
| N1: Frame width-rear | 800 |
| O: Front overhang | 1505 |

WEIGHTS (kg)

| | |
|--------------------------------------|-------|
| Kerb weight | 9400 |
| Kerb weight, front axle | 6000 |
| Kerb weight, rear axle | 3400 |
| Payload (including body) | 22600 |
| Max. permissible total weight, front | 14000 |
| Max. permissible total weight, rear | 19000 |
| Gross vehicle weight | 32000 |
| Design capacity | 40000 |

PERFORMANCE

| | |
|---------------------------|-----|
| Gradeability (at GVW) (%) | >35 |
| Max. geared speed (km/h) | 95 |

ADDITIONAL INFORMATION

| | |
|----------------------|-------|
| Cable Shift System | |
| AdBlue tank capacity | 35 lt |