

| <b>Chassis Dimensions (mm)</b>   |                      |
|--|----------------------|
| Overall chassis length   | 7650                 |
| Cab width  | 2550                 |
| Cab height   | 3210                 |
| Wheel base   | 3800                 |
| Rear Overhang  | 1000                 |
| Loading Length   | 5151                 |
| <b>Chassis weights (kg)</b>  |                      |
| G.V.W  | 26000                |
| Curb Weight  | 10200                |
| Chassis weight includes: Cab, engine, gearbox, axle, suspension, tires and fuel tank                           |                      |
| Note: Weights can vary $\pm$ 1.5%  |                      |
| <b>Frame profile Dimensions (mm)</b>   |                      |
| Frame width (front)  | 1050                 |
| Frame width (rear)   | 850                  |
| Profile height   | 300                  |
| Profile width  | 90                   |
| Profile thickness  | 8+8                  |
| <b>Axles</b>   |                      |
| <u>Front:</u>  |                      |
| Max. front axle load   | 9000                 |
| Forged, I-Beam Section   |                      |
| <u>Rear:</u>   |                      |
| Max. rear axle load  | 16000+16000          |
| Single reduction rear axles , ratio 4.77: 1<br>Inter wheel differential lock, Inter axle differential lock     |                      |
| <b>Brake System</b>  |                      |
| Two circuit air brake, ABS+ESC(KNORR),drum brake, Double cylinder air compressor capacity700L/min, AEBS, LDWS. |                      |
| <b>Steering</b>  |                      |
| ZF8098   |                      |
| No. of turns (lock to lock)  | 5                    |
| Steering wheel's dia. (mm)   | 450                  |
| <b>Rims &amp; Tires</b>  |                      |
| Type   | Radial tubeless Tire |
| Ring   | 9.00" x 22.5"        |
| Size   | 315/80R22.5          |
| <b>Instruments</b>   |                      |
| speedometer, water thermometer, fuel gauge, compressed air gauge, oil pressure gauge. cruise control           |                      |
| <b>Electrical System</b>   |                      |
| Voltage (V)  | 24                   |
| Battery capacity (A.h)   | 2 $\times$ 180       |
| Alternator capacity (A)  | 28(v),90(A)          |
| Starter motor power (kw)   | 8.5 KW               |

| <b>Engine</b>   |   |
|---|---|
| Type  | DDi11E465-60 (EURO 6)   |
| Emission level  | High pressure common rail+ EGR (thermal)+SCR +DPF   |
| Max power   | 465Hp/1900rpm   |
| Max torque  | 2240N.m/1050~1400rpm  |
| Number of cylinders   | 6   |
| Displacement (lit)  | 10.80   |
| Cylinder bore (mm)  |   |
| Engine oil capacity (lit)   | 37  |
| Cooling system volume (lit)   | 65  |
| Special Equipment   | High Pressure Common Rail System, EGR(thermal)+SCR+DPF,Turbo charger, Engine brake (single stage), Exhaust brake , Direct fuel injection system |
| <b>Gearbox</b>  |   |
| Type  | ZF16S2530 TO  |
| Max. torque (Nm)  | 2500  |
| No. of gears  | 16 forward gear & 2 reverse<br>Synchronized cable shifting system   |
| <b>Clutch</b>   |   |
| Type  | SACHS $\phi$ 430mm  |
| System  | Hydraulic control with air booster ,  |
| Plate diameter (mm)   | 430mm   |
| <b>Cab</b>  |   |
| Sleeper cab, one bunk ,forward control type , new face, all welded steel cab of tilt type, electrical cab tilting, air conditioner, all SPRING cab suspension, adjustable Air suspension driver's seat; central door lock, electrical and heating rear mirror, heater and cooler driver's seat  |   |
| <b>Fuel Tank</b>  |   |
| Aluminum  | 400lit  |
| <b>Urea Tank</b>  |   |
| High density polyethylene   | 45 lit  |
| <b>Standard Equipment</b>   |   |
| water separator fuel filter , safety belts, spare wheel, fire extinguisher, internal sun visor, fuel tank lock, jack, tool kit, , indicator lights, Day light, Touch screen multi-media ,fog lights ,warning triangle, rear lights, mudguard ,chassis skirt , electrical cab tilt , engine start from outside of cab, ,Tachograph VDO |   |
| <b>Suspension</b>   |   |
| Leaf spring with absorber   |   |
| Rear Leaf spring  |   |
| <b>PTO</b>  |   |
| model   | DD111—PTO   |
| Output torque   | 1000 N.m  |
| gear ratio  | 1:1.02  |