

DONG FENG KR285 (4X2) RIGID

EURO V + EEV



KR285 4x2

Chassis Dimensions (mm)

Overall chassis length	8794
Cab width	2500
Cab height	2990
Wheel base	5000
Rear Overhang	2325

Chassis weights (kg)

G.C.W	
G.V.W	18000
Curb Weight	6700
Max. front axle load	6500
Max. rear axle load	13000
Chassis weight includes: Cab, engine, gearbox, axle, suspension, tires and fuel tank	

Note: Weights can vary $\pm 1.5\%$

Frame profile Dimensions (mm)

Frame width (front)	850
Frame width (rear)	850
Profile height	280
Profile width	80
Profile thickness	7+4

Axles

Front:

Load capacity (ton)	6.5
Forged, I-Beam Section	

Rear:

Load capacity (ton)	13
Single reduction rear axles , ratio 4.44: 1	

Brake System

Two circuit air brake, ABS+ESC(KNORR),drum brake, Single cylinder air compressor capacity320L/min, Spring energy storage air-break braking, Exhaust brake

Steering

No. of turns (lock to lock)	5
Steering wheel's dia. (mm)	460

Rims & Tires

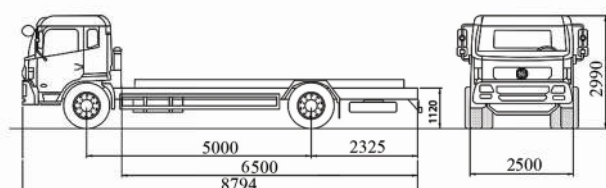
Type	Radial tubeless Tire
Ring	22.5×9:00
Size	295/80R22.5

Instruments

speedometer, water thermometer, fuel gauge, compressed air gauge, oil pressure gauge. cruise control

Electrical System

Voltage (V)	24
Battery capacity (A.h)	185X2
Generator capacity (kw)	6
Alternator (A)	28V90A
Starter motor power (kw)	



Engine

Type	Cummins ISD285 50
Emission level	Euro V + EEV
Max power	212kw(285hp)at2500rpm
Max torque	1020 Nm at 1300-1500 rpm
Number of cylinders	6
Displacement (lit)	
Cylinder bore (mm)	
Engine oil capacity (lit)	17.5
Cooling system volume (lit)	29
Special Equipment	
Water cooled, turbocharged, high pressure common rail + SCR, pre heating for starting, Exhaust braking system,	

Gearbox

Type	Fast 8JS105TA OD
Max. torque (Nm)	
No. of gears	8forward gear &2reverse
Weight without oil (kg)	
Oil change capacity (lit)	

Clutch

Type	
System	Hydraulic control with air booster
Plate diameter (mm)	

Cab

Sleeper cab, one bunks ,forward control type , standard roof, new face, all welded steel cab of tilt type, electrical cab tilting, air conditioner, all spring suspension adjustable Air suspension driver's seat; central door lock, Cruise control, Manual and heating rear mirror- power windows

Fuel Tank

Aluminum	400lit
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Urea Tank

High density polyethylene	25 lit
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Standard Equipment

water separator fuel filter , safety belts, spare wheel, fire extinguisher, internal sun visor, fuel tank lock, jack, tool kit, indicator lights , fog lights ,warning triangle, rear lights, mudguard ,chassis skirt , electrical cab tilt , engine start from outside of cab ,Tachograph VDO, Day light, AEBS, LDWS, Multimedia

Suspension

Front	
Leaf spring with shock absorber and stabilizer bar	
Rear	
Leaf spring with shock absorber and stabilizer bar	

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