

TUGRA



BMC

TRACTOR
TGR 1846 (4X2) HIGH ROOF STD

CABIN

Type	High Roof - Sleeper Cab
Bunk	2
Cab Suspension	Air

ENGINE

Brand / Model	FPT Cursor 11 ENT VI (Euro 6)
Type	Turbo Intercooler Diesel
Number of Cylinders	6
Displacement	11.1 L
Maximum Power	460 PS (338 kW) @ 1900 rpm
Maximum Torque	2150 Nm @ 1050-1550 rpm
Diameter & Stroke	125 mm / 140 mm

TANKS

Fuel Tank Capacity	600 L
Adblue Tank Capacity	80 L

GEAR BOX

Brand / Model	ZF 12 TX 2210 TO (Automated) [S] ZF 16 S 2230 TO (Manual) [O]
Number of Gears	12 Forward, 2 Reverse
Gear Ratio	12.9 - 0.7 (Reverse: 12.03 - 9.29)
Clutch	430 mm, Single Disc

AXLES

Front Axle	
Load Capacity	7000 kg
Rear Axle	
Diff. Number of Speeds	Single Speed
Gear Ratio	3.081
Load Capacity	13000 kg

STEERING SYSTEM

Type	Hydraulic
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BRAKE SYSTEM

Brake System Type	Air Operated Dual Circuit Type Disc Brakes, EBS, ESC
Retarder Type	Intarder (600 kW) [O]
Engine Brake	372 kW

SUSPENSION

Front Axle	Parabolic Springs, Telescopic Shock Absorbers
Rear Axle	Air Bellows, Telescopic Shock Absorbers
Anti-roll Bar	Rear and Front Axles

CHASSIS

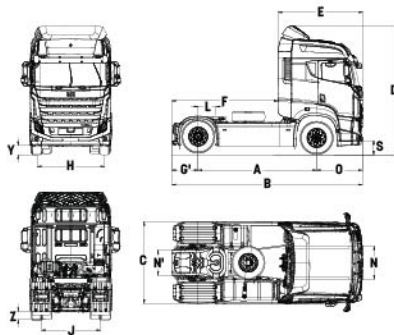
Chassis Profile	Steel, 8 mm
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TYRES

Size / Number	295 / 80 R 22.5, 6+1
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RIMS

Size	825 x 22.5
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DIMENSIONS (mm)

A: Wheelbase	3700
B: Overall Length	5965
C: Overall Width (Excluding Mirrors)	2545
D: Overall Height	3577 (3935 SP)
F: Useful Chassis Length	3470 (3310 SP)
I: Inner Height	1950 [Tunnel Height: 190]
O: Front Overhang	1440
G: Rear Overhang	825
H: Front Track	2100
J: Rear Track	1835
S: First Step Height	518
R: Inner Width	2155
K: Chassis Height	940
5th Wheel Height:	1200

WEIGHTS (kg)

	Technical	Legal
Maximum Weight Loaded Front Axle	7000	7000
Maximum Weight Loaded Rear Axle	13000	11500
Gross Vehicle Weight	18000	18000

KERB WEIGHTS (kg)

1. Axle:	5473
2. Axle:	2230
Total:	7678*

PERFORMANCE

Top Speed (Limited) (km / h)	90
Turning Radius (mm)	6995

ELECTRICAL SYSTEM

Voltage	24 V
Batteries	2 x 12 V / 180 Ah
Alternator	120 A
Starter Motor	24 V

STANDARD ACCESSORIES

Air Conditioner	Seat Headrest
Radio / MP3 / Bluetooth	Seatbelt Sensor (Driver)
Cruise Control	Driver and Passenger Sun Visor
Speed Limiter (for Intarder Version)	Dry Type Cab Heater
Electrically Operated and Heated Side Mirrors	Hill-holder Assist
Adjustable Steering Column	Pad Wear Indicator
Electrically Operated Sunroof	Catwalk
Electronic Brake System (EBS)	Low Profile Bumper
Electronic Stability Control (ESC)	Lane Departure Warning System (LDWS)
Active Emergency Brake System (AEBS)	Axle Load Indicator
Immobilizer	Roof & Side Spoiler
Differential Lock	Spare Wheel
Digital Tachograph	Front Fog Lamps
Electrically Operated Windows	Electrically Operated Headlight Leveling
Air Suspended Driver Seat	
Adjustable Driver Seat Armrest	
Single Key with Remote Control and Central Locking	
Steering Wheel with Multimedia, Speed and Menu Control Buttons [NA]	

OPTIONS

7" Multimedia Display	Aluminum Rim
ADR Package	Auxiliary Fuel Tank (300 lt)
Intarder (600 kW)	Electric Cab Lift
Refrigerator (55 lt)	Transmission PTO
Adjustable Passenger Seat Armrest	
Driver Seat with Air Operated Back Support	
Tire Pressure Monitoring System	
Heated Driver Seat	
Fleet Management System Socket and Module	
5th Wheel Options: 1050, 1100, 1150*	
225 Ah Battery**	
Side Skirt	

*1050 mm and 1100 mm 5th Wheel Height is Available with 315/70 R 22.5 tyres

**1150 mm 5th Wheel Height is Available with 295/80 R 22.5 tyres

**Not Available with Auxiliary Fuel Tank Option

[O]: Options [S]: Standard [NA]: Not Available For Manual Gearbox

Y: 288 Z: 225 (Loaded)

*For Kerb weight calculation, minimum equipment, no driver, 20 liters of fuel, 5 liters of urea included. Kerb weight may change depends on optional equipments.

Manufacturer company reserves the right to modify technical characteristics of the products without any priority notice. (October 2019)

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