

TUGRA



TGR 1846 (4x2) ESS
TRACTOR, HIGH ROOF



TURQUALITY®

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 @925 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 T0 (Automated) [S]

NUMBER OF GEARS

12 Forward, 2 Reverse

GEAR RATIO

12.9 - 0.7 (Reverse: 13.10:1 / 10.12:1)

CLUTCH

430 mm, Single Disc

AXLES

FRONT AXLE

LOAD CAPACITY

7500 kg

REAR AXLE

Diff. Number of Speeds

Single Speed

Gear Ratio

3.08:1

LOAD CAPACITY

13000 kg

RIMS

SIZE

8.25 x 22.5

SUSPENSION

FRONT AXLE

Parabolic Springs, Telescopic Shock Absorbers

REAR AXLE

4 Air Bellows, ECAS, Telescopic Shock Absorbers

ANTI-ROLL BAR

Rear and Front Axles

TYRES

SIZE / NUMBER

295 / 80 R 22.5 , 6+1

(5th Wheel Height: 1200mm [S] 1050 [O]

315 / 70 R 22.5 , 6+1

(5th Wheel Height: 1050/1100/1150/1200) [O]

PERFORMANCE

TOP SPEED (LIMITED) (km/h)

90

TURNING RADIUS (m)

6.9

ELECTRICAL SYSTEM

VOLTAGE

24 V

BATTERIES

2 x 12 V / 180 Ah

ALTERNATOR

120 A

STARTER MOTOR

24 V

STEERING SYSTEM

TYPE

Hydraulic

BRAKE SYSTEM

BRAKE SYSTEM TYPE

Air Operated Dual Circuit Type

Ø430x45 Disc Brakes, EBS, ESC, LDWS, AEBS

ENGINE BRAKE

372 kW [S]

CHASSIS

CHASSIS PROFILE

"C" Section, monocoque High Strength Steel, 8mm

STANDARD ACCESSORIES

Manually Operated Digital Air Conditioner (6 kW)

Radio/MP3/Bluetooth

2 USB + Cigarette Lighter (Driver Side)

2 USB + 12V (Passenger Side), 1 USB (Multimedia)

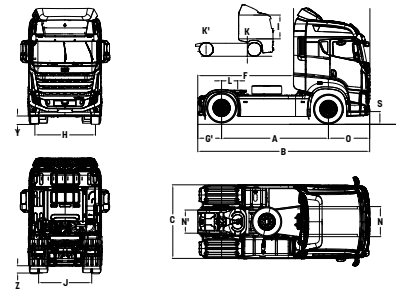
2 USB (Sleeper Area)

4 Points Independent Air Cab Suspension

Cruise Control

Steering wheel with Multimedia,
Speed and Menu Control Buttons
Electrically Operated and Heated Side Mirrors
Adjustable Steering Column
Electrically Operated Sunroof
Electronic Brake System (EBS)
Electronic Stability Control (ESC)
Active Emergency Brake System (AEBS)
Immobilizer
Single Key with Remote Control and Central
Locking Differential Lock
Digital Tachograph
Electrically Operated Windows
Air Suspended Driver Seat
Adjustable Driver Seat Armrest
Seat Headrest
Seatbelt Sensor (Driver)
Driver and Passenger Sun Visor
Dry Type Cab Heater (2 kW)
Hill-holder Assist
Pad Wear Indicator
Catwalk
Roof & Side Spoiler
Lane Departure Warning System (LDWS)
Axle Load Indicator
Spare Wheel
Front Fog Lamps
Electrically Operated Headlight Leveling
Trailer Side Lamp
Lamp Under Hood
Lamp Under Cab
Electric Cab Lift
Fleet Management System Socket and Module
Tyre Inflation Valve
Front Dust Protection
Low Profile Bumper

Transmission PTO included...



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)

MAXIMUM WEIGHT LOADED FRONT AXLE	7500
MAXIMUM WEIGHT LOADED REAR AXLE	13000
GROSS VEHICLE WEIGHT	18000

TECHNICAL

7500
13000
18000

LEGAL

7500
11500
18000

KERB WEIGHT (kg)

1. AXLE	5480
2. AXLE	2130
TOTAL	7610*

*1050 mm, 1100 mm, 1150 mm ve 1200 mm 5th wheel height is available with 315/70 R 225 tyres.
*1150 mm ve 1200 mm 5th wheel height is available with 295/80 R 225 tyres.
*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.
Y266 Z195 (Loaded)
[O] Options [S] Standard

BMC reserves the right to change the technical specifications of the products without prior notice (April 2024)

BMC OTOMOTİV SANAYİ VE TİCARET A.Ş.

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