

# TUGRA



**BMC**

ROAD TRUCK  
TGR 1829 (4X2)

### CABIN

Type	Low roof - Day Cab
Bunk	-
Cab suspension	Mechanical

### ENGINE

Brand / Model	Cummins ISB6.7E6C 290 (Euro 6 Step-C)
Type	Turbo Intercooler Diesel
Number of Cylinders	6
Displacement	6.7 l
Maximum Power	290 PS (217 kW) @ 2300 rpm
Maximum Torque	1100 Nm @ 1000 - 1700 rpm
Diameter & Stroke	107 mm / 124 mm

### TANKS

Fuel Tank Capacity	410 l
Adblue Tank Capacity	74 l

### GEAR BOX

Brand / Model	ZF 9 S 110 TD (Manual)
Number of Gears	9 forward, 1 reverse
Gear ratio	12.73:1 ; 1.00:1 (Reverse: 12.04:1)
Clutch	430 mm, Single disk

### AXLES

#### Front Axle

Load Capacity	7000 kg
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#### Rear Axle

Diff. Number of Speeds	Single speed
Gear Ratio	4.33:1
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	-

### SUSPENSION

Front Axle	Semi-elliptical springs, telescopic shock absorbers
Rear Axle	Semi-elliptical springs, telescopic shock absorbers
Anti-roll Bar	Rear and front axles

### CHASSIS

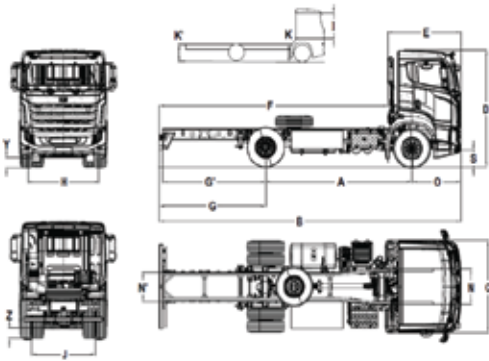
Chassis Profile	Steel, 8mm
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### TYRES

Size / Number	315 / 80 R 22.5, 6+1
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### RIMS

Size	9 x 22.5
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### DIMENSIONS (mm)

A: Wheelbase	4250
B: Overall Length	8790
C: Overall Width	2545
D: Overall Height	3280
F: Useful Chassis Length	6640
I: Inner Height	1670 [Tunnel Height: 190]
O: Front Overhang	1440
G: Rear Overhang	3100
H: Front Track	2083
J: Rear Track	1848
S: First Step Height	505
R: Inner Width	2155
K: Chassis Height	1182

### WEIGHTS (kg)

	Technical	Legal
Maximum weight loaded front axle	7000	7000
Maximum weight loaded rear axles	13000	11500
Gross vehicle weight	19000	18000

### Kerb Weights (kg)

1. Axle:	4245
2. Axle:	2453
Total:	6698*

### PERFORMANCE

Top speed (limited) (kph)	90
Turning radius (m)	7.2

### ELECTRICAL SYSTEM

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

### STANDARD FEATURES

Air conditioner	
Radio/MP3/Bluetooth	
Cruise control	
Electrically operated and heated side mirrors	
Adjustable steering column	
Mechanically operated sunroof	
Electronic brake system (EBS)	
Electronic stability control (ESC)	
Lane departure warning system (LDWS)	
Immobilizer	
Single key with remote control and central locking	
Differential lock	
Digital tachograph	Seatbelt sensor (Driver)
Electrically operated windows	Driver and passenger sun visor
Air suspended driver seat	Hill-holder assist
Adjustable driver seat armrest	Pad wear indicator
Seat headrest	Active emergency brake system (AEBS)

### OPTIONAL FEATURES

Navigation
7" Multimedia
Axle load indicator
Driver seat with air operated back support
Adjustable passenger seat armrest
Heated driver seat
Fleet management system socket and module
Tire pressure monitoring system
Dry type cab heater
Aluminum rim
Electric Cab Lift
Transmission PTO
4 Point Independent Air Cab Suspension
Electrically operated sunroof

\*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.

All visuals, dimensions, characteristics and equipments are for information purposes only and they are not contractual. BMC reserves the right to modify them without prior warning. (October 2018)

### BMC OTOMOTİV SANAYİ VE TİCARET A.Ş.

**HEADQUARTERS** Oruç Reis Mah. Tem Otayolu Atış Alanı Mevkii Tekstilkent Caddesi No: 12 Koza Plaza A Blok 4.Kat 34235 Esenler / İSTANBUL / TÜRKİYE T. +(90 212) 438 04 30 F. +(90 212) 438 04 35

**FACTORY** Kemalpaşa Caddesi No: 288 Pınarbaşı 35060 Bornova / İZMİR / TÜRKİYE T. +(90 232) 477 18 00 F. +(90 232) 477 18 77 (78-79)

**REGIONAL DIRECTORATE** Beştepe Mahallesi Dumlupınar Bulvarı No: 34 A Blok (Armada İş Merkezi) 6/1 Kat: 20 Yenimahalle / ANKARA / TÜRKİYE T. +(90 312) 285 91 25-26-27 F. +(90 312) 285 91 28