



S.A. AUTOLINK N.V. Chaussée de Waterloo 1595 – B-1180 Brussels, Belgium

Your specialist in trucks and machineries

Tecnical specifications – Fiche technique

TRACTOR – TRACTEUR

MAZ 33T - 400HP - 6x4 – Euro2

MAZ-643008-070-712



PURPOSE – Utilisation :

Long hauling of semi-trailors up to 42T

Tirage routier de semi remorques pesant jusque 42T

THE WHEEL FORMULA – Traction :

6 X 4

1.0. OVERALL DIMENSIONS:

Total Length, Width, Height – Long. Larg. Haut. totale : **7350x2550x4000mm**

5th wheel height – hauteur de la selette : **2'' 1380mm**

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2.0 LOAD PARAMETERS – Poids et masses autorisées:

Total weight of road train – **Poids total train roulant** **52000 kg**

Payload carried, kg – **Poid total sur les essieux (PTC)** **25850 kg**

Mass of the equipped automobile, kg. - **Poids du véhicule à vide** **9800 kg**

Technically admissible gross mass of the Trailer. - **Poids total de la semi remorque** **42200 kg**

Technically admissible load on a road by the automobile by gross mass, kgp:

- through tyres of front wheels – **Essieux avant** **6850 kg**

- through tyres of the carriage. – **Essieux arrière** **19000 kg**

Max rise overcome by the automobile by gross mass, % not less **25%**

2.1 ENGINE - Motorisation:

Model **M3-75117.10**

Diesel, 8 cylinder, V-type, with turbo-supercharging and intercooler. **(Euro-2)**

Displacement, l **14,86**

Power, kW (hp). **294kw (400cv)**

- at frequency of rotation, min⁻¹ **1900 rpm**

Max torque, N·m (Kg·m) **1715(175)**

- at frequency of rotation, min⁻¹ **1200-1400**

Cooling system – **Refroidissement :**

liquid, closed type with forced circulation of cooling liquid, extension tank and coupling of fan disconnecting.

- capacity, l **48 L**

Lubrication system:

mixed with the water-to-oil cooler, filter with the paper element and filter of centrifugal clearing.

- capacity, l **32 L**

Fuel system:

In-line, fuel injection pump, filters of primary and secondary clearing – **Pompe d'injection, filtres**

- Fuel tank, **Réservoir à carburant .** **500 L**

2.2 COUPLING – Embrayage :

Friction, dry, single-disk. **MFZ-430**

The hydraulic drive with pneumatic booster.



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2.3 GEARBOX – Boîte vitesse:

Mechanical with dual high transmission. [Boîte manuelle 12 Vitesses](#)

12JS200TA

Quantity of transfers is 12 with synchronizers on all transmissions, except of backward motion.

2.4 DRIVING AXLES – Essieux arrières : 2 x 9.5T

U₀=5,33

Rear and middle, two-stage with the central reducer, interwheel lock and wheel cylindrical transmissions of planetary type. It is equipped with interwheel and interaxle lock.

[Réducteur 2 étages – Bloquage différentiel](#)

Maximum speed, km/h.

89 km/k

2.5 FRONT AXLE – Essieux avant : 1 x 6.9 T:

Controlled type, beam of I-section axis with rotary cams fixed on needle bearings.

2.6 FRAME - Chassis:

With pressed parts with the amplifier on all length of a frame.

2.7 FRONT SUSPENSION – Suspension avant :

Dependent strengthened, on longitudinal leaf springs, with two hydraulic shock-absorbers of telescopic type, the stabilizer of cross-section stability. [Suspension à lame + absorbeurs + barre stabilisatrice](#)

2.8 REAR SUSPENSION – Suspension arrière :

Walking-beam type with six torque rods and cross-sectional stability device.

[Suspension arrière mécanique, 6 lames et barre stabilisatrice](#)

2.9 WHEELS - Jantes:

Disk, fastened by 10 nuts – [Jantes acier 10 boulons](#)

9,00×22,5

Quantity:

10

Spare wheel – [roue de secours:](#)

1

2.10 TYRES – Pneumatiques :

Pneumatic, with universal figure of the protector. Layer norm 18.

Dimension :

315/80R22.5

Index of payload capacity:

154/150

Index of speed:

M

2.11 STEERING GEAR – Direction assistée :

With the hydraulic booster. The control column is regulated on altitude, angle of declination, is supplied with anti-thief and trauma protection devices. [Hydraulique, réglage en hauteur, antiviol](#)



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2.12 BRAKE SYSTEM – Freinage :

Pneumatic, with the separate drive of front and rear wheels. – Pneumatique 2 lignes séparées avant/arrière

2.12.1 -WORKING Brake:

Working brake is foot type, brake mechanism is drum type. Freins à tambour

2.12.2 -PARKING Brake

Influences on rear wheels from spring power accumulators, having the pneumatic drive.

2.12.3 -AUXILIARY:

Throttling type, has a throttle plate installed in the engine exhaust pipeline and controlled by air cylinder.

2.12.4 ANTILOCKING BRAKE SYSTEM (ABS)

2.13 ELECTRIC

EQUIPMENT SYSTEM:

Single-wire, direct current with nominal voltage 24V. The negative pole energy of accumulator battery is connected to the frame. There are 2 batteries by capacity of 190 Amp-hrs. There is a signal of reverse.

Generator - Alternateur : 28V, 80A, with the built-in integral relay assembly of voltage.

Starter – Démarreur : 24V, 9kW.

2.14 CABIN - Cabine:

All-metal, large, with high roof, fixed on spring suspension, double-places, double-door, single sleeping place (or 2 as optional). Seat of the driver on a pneumatic suspension bracket.

Cabine Longue, surélevée, suspendue, 2 places, siege conducteur sur suspension pneumatique , avec une couchette (ou 2 en option)

2.15 WIND SCREEN + Pare brise :

Triplex with electrical windshield washer – Triplex avec lave glace électrique

- capacity of electrical windshield washer, l – Réservoir lave glace

10,0 L

2.16 5th Wheel - Selette :

Type : 2''

Height – Hauteur : 1380mm



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The manufacturer reserves the right to itself to make modifications, which directed on improving automobile parameters

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