Service public fédéral
Mobilité et Transports
Transport routier et Sécurité routière

City Atrium - Rue du Progrès 56 - 1210 Bruxelles
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Index du dossier de réception d'une réception par type concernant un Règlement
Index to the information package of a type approval with regard to a Regulation

Dernière Série d'amende-ments applicable *Last applicable Series of amendments*	N° de la réception de base et mise à jour *Base approval and update No*	Extension N° *Extension No*	Révision N° *Revision No*	Date d'émission *Issue date*	Fiche de renseignements *Information document*	
					Référence *Reference*	Nombre de pages *Number of pages*
458/2011	00	-	-	24.10.2014	BAL PN	3

Vu pour être annexé à la fiche de réception,
Approved and to be attached to the approval certificate,
Le Conseiller,
The Advisor,

ir. A. DESCAMPS

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FICHE DE RECEPTION CE PAR TYPE
EC TYPE-APPROVAL CERTIFICATE

Communication concernant
Communication concerning the

- la réception CE par type [1]
- type-approval [1]
- ~~l'extension de la réception CE par type~~ [1]
- ~~extension of type-approval~~ [1]

d'un type de véhicule en ce qui concerne le montage de ses pneumatique conformément au règlement (UE) n°458/2011
of a type of vehicle with regard to the installation of its tyres with regard to Regulation (EU) N°458/2011

Numéro de réception CE par type: e6*458/2011*458/2011*0049*00
Type-approval number

Motif de l'extension : -
Reason for extension

PARTIE I
SECTION I

0.1. Marque (raison sociale du constructeur) : Benalu
0.1. Make (trade name of manufacturer)

0.2. Type : BAL PN
0.2. Type

0.2.1. Dénomination(s) commerciale(s) (le cas échéant) : -
0.2.1. Commercial name(s)

0.3. Moyen d'identification du type, s'il est indiqué sur le véhicule [2] : -
0.3. Means of identification of type if marked on the vehicle [2]

0.3.1. Emplacement de ce marquage : -
0.3.1. Location of that marking

0.4. Catégorie de véhicule [3] : O4
0.4. Category of vehicle [3]

[1] Biffer les mentions inutiles - *Delete where not applicable*

[2] Si le moyen d'identification du type contient des caractères n'intéressant pas la description du type de véhicule, de composant ou d'entité technique couvert par la présente fiche de réception, ces caractères doivent figurer dans la documentation sous le symbole "?" (par exemple: ABC??123??)
If the means of identification of type contains characters nor relevant to describe the vehicle, component or separate technical units types covered by this type-approval certificate such characters shall be represented in the documentation by the symbol: "?" (eg. ABC??123??)

[3] Suivant les définitions données à l'annexe II section A de la directive 2007/46/CE - *As defined in Annex II A to Directive 2007/46/EC*

0.5. Nom et adresse du constructeur :
0.5. Name and address of manufacturer

Benalu
Rue Fresnel
Boîte Postale 80 0018
62800 – Lievin
France

0.8. Adresse(s) de l'atelier (des ateliers) de montage :
0.8. Address (es) of assembly plant(s)

Benalu
Rue Fresnel
Boîte Postale 80 0018
62800 – Lievin
France

ou

Benne Marrel
Rue Auguste Colonna
42161 Andrézieux Bouthéon
France

0.9. Nom et adresse du mandataire du constructeur (le cas échéant) : -
0.9. Name and address of the manufacturer's representative (if any)

PARTIE II
SECTION II

1. Informations complémentaires : voir l'addendum
1. Additional information : see Addendum

2. Service technique responsable de la réalisation des essais :
2. Technical service responsible for carrying out the tests

AIB VINCOTTE INTERNATIONAL
Jan Olieslagerslaan 35
1800 VILVOORDE
BELGIUM

3. Date du rapport d'essais : 18.08.2014
3. Date of test report

4. Numéro du rapport d'essais : H1460268001/026
4. Number of test report

5. Remarques (le cas échéant) : voir l'addendum
5. Remarks (if any) : see Addendum

6. Lieu : Bruxelles
6. Place

7. Date : 24.10.2014
7. Date

8. Signature :
8. Signature

AU NOM DU MINISTRE :
ON BEHALF OF THE MINISTER :
Pour le Directeur Général,
For the Director General,
Le Conseiller,
The Advisor,

SERVICE PUBLIC FEDERAL MOBILITE ET TRANSPORT
1
MOBILITE ET SECURITE ROUTIERE

ir. A. DESCAMPS

Annexes :
Attachments :
- Dossier de réception
- *Information package*
- Rapport d'essais
- *Test report*

Addendum à la fiche de reception CE par type n° e6*458/2011*458/2011*0049*00

Addendum to EC type-approval certificate N°

1. Informations complémentaires :

1. Additional information :

1.1. Description succincte du type de véhicule en ce qui concerne sa structure, ses dimensions, ses formes et ses matériaux constitutif : voir fiche de renseignements

1.1. Brief description of the vehicle type as regards its structure, dimensions, lines and constituent materials

1.2. Combinaison(s) pneumatique/roue (y compris dimension du pneumatique, dimension de la jante et déport de la roue) : voir fiche de renseignements

1.2. Tyre/wheel combination(s) (including tyre size, rim size and wheel off-set)

1.3. Le symbole de la catégorie de vitesse minimale compatible avec la vitesse maximale par construction du véhicule (pour chaque variante) (pour les pneumatiques portant l'inscription ZR devant le code de diamètre de jante, destinés à être montés sur des véhicules dont la vitesse maximale par construction dépasse 300 km/h, des informations équivalentes doivent être fournies) : voir fiche de renseignements

1.3. The minimum speed category symbol compatible with the maximum vehicle design speed (of each variant) (for tyres marked with the inscription ZR before the rim diameter code, intended to be fitted on vehicles whose maximum vehicle design speed exceeds 300 km/h, equivalent information shall be provided)

1.4. L'indice de capacité de charge minimale compatible avec la masse maximale techniquement admissible sur chaque essieu (pour chaque variante) (le cas échéant, ajusté conformément au paragraphe 3.2.2 de l'annexe II) :

1.4. The minimum load-capacity index compatible with the technically permissible maximum mass on each axle (of each variant) (if applicable adjusted according to paragraph 3.2.2 of Annex II)

voir fiche de renseignements

1.5. Combinaison(s) pneumatique/roue (y compris dimension du pneumatique, dimension de la jante et déport de la roue) devant être utilisée(s) avec le(s) dispositif(s) antidérapant(s) amovible(s) : -

1.5. Tyre/wheel combination(s) (including tyre size, rim size and wheel off-set) to be used with the snow traction device(s)

2. Le véhicule de catégorie M1 est / n'est pas [1] apte au remorquage de charges et la limite de charge des pneumatiques arrière est dépassée de … % : sans objet

2. Vehicle of category M 1 is / is not [1] suitable for towing loads and the load rating of the rear tyres is exceeded by ... %

3. Le véhicule ~~est /~~ n'est pas[1] homologué conformément au règlement n° 64 de la CEE-ONU en ce qui concerne son unité de secours à usage temporaire :

3. The vehicle is / is not [1] approved according to UNECE Regulation No 64 with regard to its temporary-use spare unit

3.1. Catégorie de véhicule M1 : ~~oui /~~ non [1], ~~type 1 / 2 / 3 / 4 / 5 [1] :~~

3.1. Vehicle category M 1 : yes / no [1], type 1 / 2 / 3 / 4 / 5 [1]

3.2. Catégorie de véhicule N1 : ~~oui /~~ non [1], ~~type 1 / 2 / 3 / 5 [1] :~~

3.2. Vehicle category N 1 : yes / no [1], type 1 / 2 / 3 / 5 [1]

4. Le véhicule ~~est /~~ n'est pas [1] homologué conformément au règlement n°64 de la CEE-ONU en ce qui concerne son système de contrôle de la pression des pneumatiques (TPMS) :

4. Vehicle is / is not [1] approved according to UNECE Regulation No 64 with regard to its tyre pressure monitoring system (TPMS)

4.1. Description succincte du système de contrôle de la pression des pneumatiques (TPMS) (si le véhicule en est équipé : -

4.1. Brief description of the tyre pressure monitoring system (TPMS) (if fitted)

5. Remarques : -

5. Remarks

[1] *Biffer les mentions inutiles* - Delete where not applicable

AIB-VINÇOTTE International n.v.
Head office: Diamant Building – A. Reyerslaan 80 – B-1030 Brussels
Company number : BE 0462.513.222 – HRB : 621315 – Internet : www.vincotte.com
☑ Safety, quality and environmental services
ISO/IEC 17020 Accredited inspection body - Accreditation certificate BELAC No. 016-INSP

AUTOMOTIVE CERTIFICATION
Business Class Kantorenpark – Jan Olieslagerslaan 35 – B-1800 Vilvoorde
Telephone : +32 (0)2/674.58.85 – Fax : +32 (0)2/674.59.62
E-mail: homologation@vincotte.be

1. **SUBJECT** : **INSTALLATION OF TYRES** (EU) 458/2011

2. **REF.** : Report number : **H1460268001/026** No. of pages : 1 of 7 No. of annexes : -
Bevasys : 201414236 Approval No. : 0049 00 Update : 00

3. **GENERALITIES** :

Make of Vehicle : Benalu Category(ies) : O4

Commercial Name : - Hand of Drive : -

Type : BAL PN

Name and address of the manufacturer :

Benalu
Rue Fresnel
Boîte Postale 80 0018
62800 – Lievin
France

4. **TESTS** : Date and place : 2014/05/18 & 2017/07/18 - Benalu

Applied document(s) : BAL PN

AVI Inspector : Olivier Jacques-Houssa

Manufacturer's representative : Eric Delohen

5. **CONCLUSIONS** :

The tests were carried out according to the following specifications :

- Commission Regulation (EU) No 458/2011 of 12 May 2011
- Regulation (EC) No 661/2009 of the European Parliament and of the Council of 13 July 2009 as amended by Commission Regulation (EU) No 523/2012 of 20 June 2012

The models presented comply with the requirements to be applied.

Date : 2014.08.18

Signature :

ANNEX II : REQUIREMENTS FOR VEHICLES WITH REGARD TO THE INSTALLATION OF THEIR TYRES

Characteristics concerned and prescriptions to apply	References	Conformity	Not applicated
General requirements	1.		
Subject to the provisions of paragraph 5.4, every tyre fitted to a vehicle, including where applicable any spare tyre, shall meet the requirements of Regulation (EC) No 661/2009 and its implementing measures.	1.1	x	
Tyre fitment	2.		
All tyres normally fitted to the vehicle, thus excluding any temporary-use spare unit, shall have the same structure.	2.1	x	
All of the tyres normally fitted to one axle shall be of the same type.	2.2.	x	
The space in which the wheel revolves shall be such as to allow unrestricted movement when using the maximum permissible size of tyres and rim widths, taking into account the minimum and maximum wheel off-sets, within the minimum and maximum suspension and steering constraints as declared by the vehicle manufacturer. This shall be verified by performing the checks with the largest and the widest tyres, taking into account the applicable dimensional tolerances (i.e. maximum envelope) related to the tyre size designation as specified in the relevant UNECE Regulation.	2.3.	x	
The technical service may agree to an alternative test procedure (e.g. virtual testing) to verify that the requirements of paragraph 2.3 of this Annex are met.	2.4.		x
Load capacity	3.		
Subject to the provisions of paragraph 5 of this Annex, the maximum load rating of every tyre as determined in paragraph 3.2 of this Annex, including a spare tyre (if provided), with which the vehicle is fitted shall be :	3.1.		
In the case of a vehicle fitted with tyres of the same type in single formation : at least equal to half of the technically permissible maximum axle mass for the most heavily loaded axle, as declared by the manufacturer of the vehicle.	3.1.1	x	
In the case of a vehicle fitted with tyres of more than one type, in single formation : at least equal to half of the technically permissible maximum axle mass as declared by the manufacturer of the vehicle, in respect of the relevant axle.	3.1.2.	x	
In the case of a vehicle fitted with tyres of class C1 in dual (twin) formation : at least equal to 0.27 times the technically permissible maximum axle mass, as declared by the manufacturer of the vehicle, in respect of the relevant axle.	3.1.3.		
In the case of axles fitted with tyres of class C2 or C3 in dual (twin) formation : at least equal to 0.25 times, with reference to the load capacity index for dual application, the technically permissible maximum axle mass as declared by the manufacturer of the vehicle, in respect of the relevant axle.	3.1.4.	x	

Characteristics concerned and prescriptions to apply	Reference	Conformity	Not applicated
The maximum load rating of a tyre is determined as follows :	3.2.		
In the case of tyres of class C1, the 'maximum load rating' as referred to in paragraph 2.31 of UNECE Regulation No 30 is taken into account.	3.2.1.		x
In the case of tyres of class C2 or C3, the 'table load-capacity variation with speed' as referred to in paragraph 2.29 of UNECE Regulation No 54 is taken into account, which shows, as a function of the load-capacity indices and nominal-speed-category symbols, the load variations which a pneumatic tyre can withstand taking into account the maximum design speed of the vehicle.	3.2.2.	x	
The relevant information shall be stated clearly in the vehicle owner's handbook in order to ensure that suitable replacement tyres with an appropriate load capacity shall be fitted when necessary, once the vehicle has been put into service.	3.3.	x	
Speed capacity	4.		
Every tyre with which the vehicle is normally fitted shall bear a speed category symbol.	4.1.		
In the case of a tyre of class C1, the speed category symbol shall be compatible with the maximum vehicle design speed and shall take into account, in the case of tyres of speed categories V, W and Y, the maximum load rating as described in UNECE Regulation No 30.	4.1.1.		x
In the case of a tyre of class C2 or C3, the speed category symbol shall be compatible with the maximum vehicle design speed and the applicable load/speed combination derived from the 'table load-capacity variation with speed' as described in paragraph 3.2.2 of this Annex.	4.1.2.	x	
The requirements of paragraphs 4.1.1 and 4.1.2 shall not apply in the following situations :	4.2.		
In the case of temporary-use spare units for which paragraph 6 of this Annex applies.	4.2.1.		x
In the case of vehicles normally equipped with ordinary tyres and occasionally fitted with snow tyres (i.e. with the alpine or three-peaked mountain snowflake symbol marking) where in such a case the speed category symbol of the snow tyre shall correspond to a speed either greater than the maximum vehicle design speed or not less than 160 km/h (or both).	4.2.2.		x
However, if the maximum vehicle design speed is greater than the speed corresponding to the lowest speed category symbol of the fitted snow tyres, a maximum speed warning label, specifying the lowest value of the maximum speed capability of the fitted snow tyres, shall be displayed inside the vehicle in a prominent position readily and permanently visible to the driver. Other tyres with improved snow traction (i.e. with the M+S marking, but without the alpine or three-peaked mountain snowflake symbol marking) shall comply with the requirements of paragraphs 4.1.1 and 4.1.2 of this Annex.			

Characteristics concerned and prescriptions to apply	Reference	Conformity	Not applicated
In the case of vehicles equipped with professional off-road tyres with the POR marking. However, if the maximum vehicle design speed is greater than the speed corresponding to the lowest speed category symbol of the fitted special use tyres, a maximum speed warning label, specifying the lowest value of the maximum speed capability of the fitted special use tyres, shall be displayed inside the vehicle in a prominent position readily and permanently visible to the driver.	4.2.3.		x
In the case of vehicles of categories M2 , M3 , N2 or N3 equipped with a speed limitation device (SLD) approved according to UNECE Regulation No 89 where in such a case the speed symbol of the tyres shall be compatible with the speed at which the limitation is set. However, if the vehicle manufacturer has foreseen that the maximum vehicle design speed is greater than the speed corresponding to the lowest speed category symbol of the fitted tyres, a maximum speed warning label, specifying the maximum speed capability of the tyres, shall be displayed inside the vehicle in a prominent position readily and permanently visible to the driver.	4.2.4.		x
In the case of vehicles of categories M1 or N1 equipped with an on-board system fulfilling a speed limitation function where in such a case the speed symbol of the tyres shall be compatible with the speed at which the limitation is set. However, if the vehicle manufacturer has foreseen that the maximum vehicle design speed is greater than the speed corresponding to the lowest speed category symbol of the fitted tyres, a maximum speed warning label, specifying the maximum speed capability of the tyres, shall be displayed inside the vehicle in a prominent position readily and permanently visible to the driver.	4.2.5.		x
The relevant information shall be stated clearly in the vehicle owner's handbook in order to ensure that suitable replacement tyres with an appropriate speed capacity shall be fitted when necessary, once the vehicle has been put into service.	4.3.	x	
Special cases	5.		
In the case of trailers of categories O1 and O2 , with a maximum vehicle design speed of 100 km/h or less and fitted with tyres of class C1 in single formation, the maximum load rating of every tyre shall be at least equal to 0.45 times the technically permissible maximum axle mass for the most heavily loaded axle, as declared by the manufacturer of the trailer. For tyres in dual (twin) formation this factor shall be at least equal to 0.24. In such cases a maximum operating speed warning label, specifying the maximum vehicle design speed, shall be permanently and durably affixed near the front coupling device of the trailer.	5.1.		x

Characteristics concerned and prescriptions to apply	Reference	Conformity	Not applicated
In the case of vehicles of categories M1 and N1 , which are designed to be capable of towing a trailer, the additional load imposed at the trailer coupling device may cause the rear tyre maximum load ratings to be exceeded in case of class C1 tyres, but not by more than 15 %. In such a case, the vehicle owner's handbook shall contain clear information and advice on the maximum permissible vehicle speed when towing a trailer, in any case not exceeding 100 km/h, and on the rear tyre pressure, at least 20 kPa (0.2 bar) above the tyre pressure(s) as recommended for normal use (i.e. without a trailer attached).	5.2.		x
In the case of some special vehicles, as listed below, fitted with tyres of class C2 or C3, the 'table load-capacity variation with speed' as described in paragraph 3.2.2 of this Annex shall not be applied. In such a case, the tyre maximum load rating to check against the technically permissible maximum axle mass (see paragraphs 3.1.2 to 3.1.4) shall be determined by multiplying the load corresponding to the load capacity index by an appropriate coefficient which is related to the type of vehicle and its use, rather than to the maximum vehicle design speed, and the requirements of paragraphs 4.1.1 and 4.1.2 of this Annex shall not apply.	5.3.		x
The appropriate coefficients shall be the following :			
1.15 in the case of a Class I or Class A vehicle (M2 or M3), as referred to in paragraphs 2.1.1.1 (Class I) and 2.1.2.1 (Class A) of UNECE Regulation No 107	5.3.1.		
1.10 in the case of vehicles of category N which are specifically designed for use over short distances in urban and suburban applications, such as street and road sweepers or refuse collection vehicles, provided that the maximum vehicle design speed does not exceed 60 km/h.	5.3.2.		
In exceptional cases, where vehicles are designed for conditions of use which are incompatible with the characteristics of tyres of class C1, C2 or C3 and it is therefore necessary to fit tyres with different characteristics, the requirements of paragraph 1.1 of this Annex shall not apply, provided that all of the following conditions are met :	5.4.		
the tyres shall be approved according to either UNECE Regulation No 75 or UNECE Regulation No 106	5.4.1.		
and			
the type-approval authority and technical service are satisfied that the tyres fitted are suitable for the operating conditions of the vehicle. The nature of the exemption and motivation of acceptance shall be stated in the test report as well as under the remarks on the type-approval certificate.	5.4.2.		
Spare wheels and tyres	6.		
In cases where a vehicle is provided with a spare unit, it shall be one of the following:	6.1.		x
A standard spare unit in the same size as the tyres actually fitted to the vehicle.	6.1.1.		
A temporary-use spare unit of a type suitable for use on the vehicle, however, vehicles of categories other than M1 or N1 shall not be equipped or fitted with a temporary-use spare unit.	6.1.2.		

Characteristics concerned and prescriptions to apply	Reference	Conformity	Not applicated
If specific precautions have to be taken in order to fit a temporary-use spare unit to the vehicle (e.g. temporary- use spare unit is only to be fitted on the front axle and therefore a front standard unit must first be fitted on the rear axle in order to address a malfunction of a rear standard unit) this shall be stated clearly in the vehicle owner's handbook and compliance with the appropriate aspects of paragraph 2.3 of this Annex shall be verified.	6.1.2.1.		
Every vehicle provided with a temporary-use spare unit or run flat tyres shall hold a valid type-approval under UNECE Regulation No 64 with respect to the requirements concerning the equipment of vehicles with temporary-use spare units and run flat tyres.	6.2.		x

FACILITIES AND EQUIPMENT

The facilities and equipment used to carry out the inspections are in compliance with the requirements of the applied Regulatory Act(s).

FICHE DE RENSEIGNEMENTS N°. BAL PN

Etablie conformément au Règlement n° 458/2011 portant prescriptions pour la Réception des véhicules à moteur et de leur remorque en ce qui concerne le montage de leurs pneumatiques

Les renseignements suivants sont, le cas échéant, fournis en triple exemplaire et accompagnés d'une table des matières. Les dessins éventuels sont fournis, à l'échelle appropriée et de manière suffisamment détaillée, dans le format A4 ou pliés à cette dimension. Dans le cas de fonctions contrôlées par microprocesseur, fournir les informations relatives aux performances.

0. GENERALITES

0.1. Marque (raison sociale du constructeur) : **BENALU**

0.2. Type et description(s) commerciale(s) : **BAL PN**

0.3. Moyen d'identification du type figurant le cas échéant sur le véhicule (b) : **NA**

0.3.1. Emplacement de cette inscription : **NA**

0.4. Catégorie de véhicule (c) : **O4**

0.5. Nom et adresse du constructeur : **BENALU**
Rue Fresnel / CS 80 018
62801 – LIEVIN Cedex

0.6. Emplacement et mode de pose des plaques et inscriptions réglementaires : **SUR CHASSIS**

0.6.1 Sur le châssis : **SUR LE LONGERON DROIT, PLAQUES METALLIQUES RIVETEES A FROID**

0.6.2. Sur la carrosserie :

0.7. Adresse(s) de l'usine (des usines) de montage : **BENALU**
Rue Fresnel
62800 – LIEVIN

BENNES MARREL
Rue Auguste Colonna
42161 – ANDREZIEUX BOUTHEON

1. CARACTERISTIQUES GENERALES DE CONSTRUCTION DU VEHICULE

1.3. Nombre d'essieux et de roues : **3 ESSIEUX / 6 ROUES MONTEES EN SIMPLE**
2 ESSIEUX / 4 ROUES MONTEES EN SIMPLE
2 ESSIEUX / 4 ROUES MONTEES EN JUMELE

1.3.1. Nombre et emplacement des essieux à roues jumelées : **NA**

1.3.2. Nombre et emplacement des essieux directionnels : **NA**

1.3.3. Essieux moteurs (nombre, emplacement, interconnexion) : **NA**

1.4. Vitesse théorique maximale (pour chaque variante, le cas échéant) : **90 km/H**

2. MASSES ET DIMENSIONS (e)(en kg et mm) (voir dessin éventuel)

2.1. Masse maximale techniquement admissible sur chacun des essieux : **9.000 kg VEHICULES 3 ESSIEUX**
10.500 kg VEHICULES 2 ESSIEUX

6. SUSPENSION

6.2. Pneumatiques et roues de monte normale : **VOIR ANNEXE 1**

6.2.1. Une liste établie par le fabricant du véhicule de toutes les variantes éventuelles du type de véhicule et des pneumatiques correspondants devant être utilisées sur chacune d'elles doit être jointe. La description des pneumatiques comprend les renseignements suivants :
- Désignation des dimensions du pneumatique
- Indice minimal de capacité de charge compatible avec la charge maximale de l'essieu (si des pneumatiques de dimensions différentes doivent être montés sur le véhicule, chaque essieu doit être indiqué séparément),
- Symbole de la catégorie de vitesse minimale compatible avec la vitesse théorique maximale.

6.2.4. Pression (s) du pneumatique recommandée (s) par le fabricant du véhicule (kPa) : **VOIR ANNEXE 1**

6.2.5. Combinaison(s) pneumatique/roue : **VOIR ANNEXE 1**

6.2.6. Brève description de l'unité (des unités) de secours à usage temporaire éventuelle(s)
IDENTIQUE A LA MONTE NORMALE EN PLACE

Annexe I

Pneumatiques et Roues

PNEUMATIQUES DE MONTE NORMALE POUR VEHICULES EN MONTE SIMPLE

Charge maxi par essieu (kg)	Vitesse théorique maxi (km/h)	Indice de vitesse minimal	Indice de charge minimal	Dimensions des pneumatiques et indice charge / vitesse (*)			Roues préconisées (pouces)	Déport de roue Mini - Maxi (mm)	Pression préconisée (bar)
3 700	100	J	127	205/65 R17.5	127	J	17.5 x 6.75	0	9
5 600	130	J	144	235/75 R17.5	144	J	17.5 x 6.75	0	8.75
10 500	90	G	166	445/65 R22.5	168	K	22.5 x 14.00	0 - 120	8.5 à 9
10 000	90	G	164	425/65 R22.5	165	K	22.5 x 13.00	0 - 120	8,5
9 000	90	G	160	455/45 R22.5	160	J	22.5 x 15.00	0 - 120	9
				385/65 R22.5	160	J - K	22.5 x 11.75	0 - 120	9
				385/55 R22.5	160	J - K	22.5 x 11.75	0 - 120	9
				455/40 R22.5	160	K	22.5 x 14.00	0 - 120	9
				425/55 R19.5	160	J	19.5 x 13.00	0 - 120	9
				435/50 R19.5	160	J	19.5 x 14.00	0 - 120	9
				445/45 R19.5	160	J	19.5 x 14.00	0 - 120	9

* Des Pneumatiques de même dimension mais avec des indices de charge/vitesse supérieurs ou égaux à ceux décrits peuvent également être montés

PNEUMATIQUES DE MONTE NORMALE POUR VEHICULES EN MONTE JUMELEE

Charge maxi par essieu (kg)	Vitesse théorique maxi (km/h)	Indice de vitesse minimal	Indice de charge minimal	Dimensions des pneumatiques et indice charge / vitesse (*)			Roues préconisées (pouces)	Déport de roue Mini - Maxi (mm)	Pression préconisée (bar)
10 500	90	G	142	13 R22.5	150	L	22.5 x 9.00	175	8.5
				12 R22.5	148	L	22.5 x 8.25	170	8,5
				11 R22.5	145	L	22.5 x 7.50	160	8,5

* Des Pneumatiques de même dimension mais avec des indices de charge/vitesse supérieurs ou égaux à ceux décrits peuvent également être montés