

Complete Vehicle

EU-Certificate of conformity

The undersigned Joost Roelse, Head of Technical Documentation, hereby certifies that the following complete vehicle:

- | | | |
|--------|--|---|
| 1.1. | Make (trade name of the manufacturer): | LEMKEN GmbH & Co. KG |
| 1.2. | Type: | T |
| 1.2.1. | Variant: | A |
| 1.2.2. | Version: | A |
| 1.2.3. | Commercial name: | Koralin 9/660 KUA |
| 1.3. | Category, subcategory and speed index of vehicle: | S2a |
| 1.4. | Company name and address of manufacturer: | LEMKEN GmbH & Co. KG
Weseler Straße 5
46519 Alpen/Germany |
| 1.5.1. | Location of the manufacturer's statutory plate(s): | Driving direction right, front |
| 1.5.2. | Method of attachment of the manufacturer's statutory plate(s): | Rivets |
| 1.6.1. | Location of the vehicle identification number on the chassis: | Driving direction right, front, in the area of manufacturer's statutory plate |
| 2. | Vehicle identification number: | WLCT00000NA501394 |

conforms in all respects to the type described in EU type-approval e24*167/2013*00343*00 issued on 22.04.2021 and can be permanently registered in Member States having right/left hand traffic and using metric/imperial units for the speedometer.

Alpen, 04.03.2022



General construction characteristics

3.3.1.	Number of axles and wheels	Axles:	1
		Wheels:	2
3.3.5.	Number and position of braked axles:	Number:	1
		Position:	R, Axle 1
3.5.3.	Type of chassis	:	Rigid drawbar
5.1.1.1.	Declared maximum design vehicle speed [km/h]	:	40

Masses

4.1.1.1.	Unladen mass(es) in running order		
4.1.1.1.1.	Maximum [kg]	:	7000
4.1.1.1.2.	Minimum [kg]	:	2400
4.1.2.1.	Technically permissible maximum laden mass [kg]	:	7000
4.1.2.1.1.	Technically permissible maximum mass per axlesAxle 1:		7000
4.1.2.1.2.	Vertical load on the coupling point (S) [kg]	:	3000
4.1.2.2.	Mass(es) and tyre(s)		
	Axle No	:	1
	Reifenkombination Nr.	:	4
	Tyre dimension including load capacity index and speed category symbol	:	710/35 R22.5 157 D
	Rolling radius [mm]	:	3248
	Tyre load rating per tyre [kg]	:	5610
	Maximum permissible mass per axles [kg](*)	:	7000
	Maximum permissible mass of the vehicle [kg](*)	:	7000
	Track width [mm]:	Minimum:	2250
		Maximum:	2250
	(*) According to the tyre specification		

Main dimensions

4.2.2.	For complete vehicles		
4.2.2.1.1.	Length for on road use [mm]	Maximum:	12000
		Minimum:	4500
4.2.2.1.2.	width for on-road use [mm]	Maximum:	3000
		Minimum:	2500
4.2.2.1.3.	Height for on-road use [mm]	Maximum:	4000
		Minimum:	2500
4.2.2.5.	Wheelbase [mm]	Maximum:	7700
		Minimum:	4500
4.2.2.7.1.	Distance between the coupling point and the first axle [mm]	Maximum:	7700
		Minimum:	4500
4.2.2.7.2.	Distance between the coupling point and the last axle [mm]	Maximum:	7700
		Minimum:	4500
4.2.2.8.	Track width [mm]	Maximum:	2550
		Minimum:	2250

Braking

43.4.6.	Electronic braking system	:	not applicable
43.7.1.	Towed vehicle braking control system technology	:	pneumatic
43.7.4.	Connection type	:	two-lines
43.7.5.	Electrical control line	:	not applicable
43.7.6.	Presence of ISO 7638:2003 connector	:	not applicable

Mechanical couplings

38.4. Front coupling device

38.4.1.	Type	:	three-point connection
	Make	:	LEMKEN
	Manufacturer's type designation	:	KAT 3
	(EU) Type-approval mark or -number	:	ISO 730
	D-Value [kN]	:	73,5
	Maximum permissible vertical load on coupling point [kg]	:	3500
	Position of coupling point		
	Height above ground [mm]	Minimum:	510
		Maximum:	540
	Distance from vertical plane passing through the axis of the rear axle [mm]	Minimum:	4500
		Maximum:	7700

Comments

Permissible Tyre combination according to Annex 1

Permissible front coupling device according to Annex 2

Annex 1

4.1.2.2 Tyre combinations

Tyre combination No.	Axle No.	Tyre dimension including load capacity index and speed category symbol	Rolling radius [mm]	Tyre Load - rating per tyre [kg]	Maximum permissible mass per axle [kg] (*)	Maximum permissible mass of the vehicle [kg] (*)	Maximum permissible vertical load on the coupling point [kg] (*) (**) (***)	Track width [mm]	
								Minimum	Maximum
1	1	385/65 R22.5 164 D	3092 - 3254	6800 (¹)	7000	7000	not applicable	2550	2550
2	1	550/45-22.5 159 A8		4375	7000	7000		2350	2350
3	1	620/40 R22.5 155 D		5270 (¹)	7000	7000		2350	2350
4	1	710/35 R22.5 157 D		5610 (¹)	7000	7000		2250	2250

(*) According to the tyre specification.

(**) Load transmitted to the reference centre of the coupling under static conditions, irrespective to the coupling device; if the maximum permissible vertical load on the coupling point depending on the coupling is indicated in this table, expand the table at the right side and indicate the identification of the coupling device in the header of the column; for R- or S-category vehicles this column(s) concerns the rear coupling devices if there is such a device.

(***) Value to be provided only if the maximum permissible vertical load on the coupling point is lower than indicated in entries 38.3 and 38.4

(¹) According to UNECE R No.106 – Annex 7 Part C: Speed 40 km/h: D = +36%

Annex 2

38.4 Front coupling devices

Type (according to Appendix 1 to Annex XXXIV zo Commission Delegated Regulation (EU) 2015/208):			three-point connection	Ball-shaped coupling	Drawbar eye	Drawbar eye
Make:			LEMKEN	Scharmüller	Scharmüller	Scharmüller
Manufacturer's type designation:			KAT 3N / 3 / 4N	665901	665260	665270
(EU) Type-approval mark or –number:			ISO 730	e1*2015/208* 2018/829ND* 00029*01	e1*2015/208* 2018/829ND* 00036*01	e1*2015/208* 2018/829ND* 00037*01
Maximum horizontal load / D-Value [kN]:			73,5	120	120	120
Towable mass (T) [kg]:			not applicable			
Maximum permissible vertical load on coupling point [kg]:			3500	4000	3000	3000
Position of coupling point	Height above ground [mm]	Minimum:	510	400	400	400
		Maximum:	540	850	850	850
	Distance from vertical plane passing through the axis of the rear axle [mm]	Minimum:	4500	4500	4500	4500
		Maximum:	7700	7700	7700	7700

Type (according to Appendix 1 to Annex XXXIV zo Commission Delegated Regulation (EU) 2015/208):			Drawbar eye	Drawbar eye	Drawbar eye	Drawbar eye
Make:			Scharmüller	Scharmüller	Scharmüller	Scharmüller
Manufacturer's type designation:			665280	665160	665170	665180
(EU) Type-approval mark or –number:			e1*2015/208* 2018/829ND* 00038*01	e1*2015/208* 2018/829ND* 00233*01	e1*2015/208* 2018/829ND* 00030*01	e1*2015/208* 2018/829ND* 00316*01
Maximum horizontal load / D-Value [kN]:			120	120	120	120
Towable mass (T) [kg]:			not applicable			
Maximum permissible vertical load on coupling point [kg]:			3000	3000	3000	3000
Position of coupling point	Height above ground [mm]	Minimum:	400	400	400	400
		Maximum:	850	850	850	850
	Distance from vertical plane passing through the axis of the rear axle [mm]	Minimum:	4500	4500	4500	4500
		Maximum:	7700	7700	7700	7700