

Technical Report No. 028-70093545-300

Competence.
Certainty.
Quality.

Rev. 0

Dated 27.09.2005

Client: Bellelli S.R.L
Via Meucci 232

45021 BADIA POESINE (RO)

Hr. Sacchetto

Manufacturing place: Bellelli S.R.L
Via Meucci 232
45021 BADIA POESINE (RO)

Test subject: Product: Bicycle Trailer for children

Type: Trail Tots

Test specification: PP50036

Purpose of examination: Re-test according to the test specification

The test of the bicycle trailer "Trailer tots" came to a positive test results.

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1 Description of the test subject

1.1 Function

Bike trailer for transportation of children up to 7 years of age.

Manufacturer's specification for predictive misuse:

(-)

1.2 Technical Data

Parameters:	Dimension:	
	Weight:	14,5 kg
	Length:	900 mm (without shaft)
	Height:	980 mm
	Breadth:	790 mm
	Material :	Plastic base, Alu frame
	Colour:	Yellow

1.3 Picture of the product



2 Order

2.1 Date of Purchase Order, Customer's Reference

Hr. Casazza

2.2 Receipt of Test Sample, Location

2.3 Date of Testing

23.02.2005 -- 7.04.2005

2.4 Location of Testing

TÜV Product Service GmbH, München - Ridlerstrasse 65

2.5 Points of Non-compliance or Exceptions of the Test Procedure

None

3 Test Results

3.1 Positive Test Results

- Mechanical safety
- Functional safety

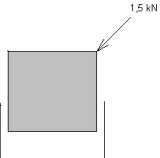
3.3 Evaluation:

Y = fulfilled
N = not fulfilled, critical deviation
n = not fulfilled, further deviation
na = Not applicable
h = Hint, remark

Test topic	Prüfung	Remark	Result
1	Legal regulations of the StVZO The requirements for the transport of children with a bicycle carrier can be found in § 67 of the StVZO		h
1.1	Dimension of the Trailer (StVZO §67 Pt. 11.2 / 19.2.3)		Y
1.2	Wheels (StVZO §67 Pt. 11.4)		Y
1.3	Brakes (StVZO §67 Pt. 11.5 / 19.2.4 / 19.2.5 / Anhang1)	Up to a total load of 40kg no brake is needed	na
1.4	Clutch (StVZO §67 Pt. 19.2.2)	The new hook was re-tested positive. The connection belt (black with the hook) is important for the safety of the clutch. The usage should be clearly advised in the instruction. Please send a technical documentation for the hook.	Y

1.5	Light equipment (StVZO §67 Pt. 19.3)		Y
2	General request		Y
2.1	Maximal load capacity (StVZO §67 Pt. 19.2.4)	The max. total load of the trailer is 40kg (without brake). Total load: 40,0kg Unladen weight: 14,5kg Pay load: 25,5kg Draft label is shown on the test sample.	Y
2.2	Tyres (StVZO §67 Pt. 11.4)		Y
2.3	Other requests and safety marks (StVZO §67 Pt. 19.2.9)		Y
3	Construction (StVZO §67 Pt. 19.2.1)		Y
3.1	Caught (EN 1888 Pt. 6.1)		Y
3.2	Gaps and openings (EN 1888 Pt. 6.1.2)		Y
3.3	Sharp edges, points and corners (EN 1888 Pt. 6.1.3)		Y
3.4	Small parts (EN 1888 Pt. 6.1.4/5)		Y
3.5	Attachment of mechanical parts (EN 1888 Pt. 6.1.6)		Y
3.6	Cords, strings and other narrow fabrics (EN 1888 Pt. 6.1.7)		Y
3.7	Pram body or seat unit internal lining (EN 1888 Pt. 6.1.7)		Y

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4	Kind of the seats and stability of the seat-belt (StVZO §67Anhang 2.4)		Y
4.1	Fastening system (EN 1888 Pt. 15)		Y
4.2	Back of the seat (EN 1888 Pt. 6.2.2)		Y
5	Stability of the vehicle facing sideways (StVZO §67 Pkt. 19.2.6)		Y
6	Stability of the trailer (StVZO §67 Pt. 19.2.7)		Y
7	Performance during the driving test		Y
8	Safety tests (StVZO §67 Pt. 19.2.8)		Y
8.1	Crash test (StVZO §67 Anhang 2 Pt.1)		Y
8.2	Headroom test (StVZO §67 Anhang 2 Pt. 2)	A draft label with the marking was attached to the test sample.	Y
8.3	Loading test of the frame (StVZO §67 Anhang 2 Pt. 3)		Y
			
9	Material		Y
9.1	Cold and heat resistant from -10° to +60°		Y
9.2	Salt spray test The carrier must be protected against corrosion.	Certificate (screws, axels, etc.) should be submitted by the	h

		manufacturer	
9.3	Chemical properties (EN 71-3) <i>Migration of heavy metals</i>		Y
9.4	Salvia and perspiration (LMBG)		Y
9.5	Flammability (EN 71-2)		Y
10	Product information		Y
10.1	Instruction for use	There is a draft instruction manual with the test sample. Drawings for mounting are missing.	Y
10.2	Labelling (StVZO §67 Pt. 19.2.9)		Y
10.3	Purchase information (EN 1888 Pt. 21.3)	There was no packaging with the test sample	Y

4 Test sample - storage

If we get no other information within the next two weeks, the lab will dispose the test sample.

5 Documentation

For certification we need a set of technical documentation (technical drawings, part list, information on the materials used, etc.) of the product.

6 Summary

During the safety examination of the product no critical deviations were found.

TÜV PRODUCT SERVICE GMBH

Engineer

Ziegler Robert

TEC Region South

Technical Report checked: