



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED <sup>(1)</sup>/ ~~APPROVAL EXTENDED <sup>(4)</sup>/~~  
~~APPROVAL REFUSED <sup>(4)</sup>/~~ ~~APPROVAL WITHDRAWN <sup>(4)</sup>/~~ ~~PRODUCTION DEFINITELY~~  
~~DISCONTINUED <sup>(4)</sup>~~ OF A TYPE OF MECHANICAL COUPLING DEVICE OR COMPONENT,  
PURSUANT TO REGULATION NO 55.01



Approval No: 55R-0110381

Extension No: Not applicable

1. Trade name or mark of the device or component: V.ORLANDI
2. Manufacturer's name for the type of device or component: RV10
3. Manufacturer's name and address:  
V.Orlandi Spa  
Via Quinzano 3  
25020 Flero-BS  
Italy
4. If applicable, name and address of the manufacturer's representative: Not applicable
5. Alternative supplier's names or trade marks applied to the device or component: Not applicable
6. Name and address of company or body taking responsibility for the conformity of production:  
See item 3
7. Submitted for approval on: 20 August 2014
8. Technical service responsible for conducting approval tests: TÜV SÜD Auto Service GmbH

9. Brief description: Non-standard fifth wheel coupling 50
- 9.1. Type and class of device or component: RV10, G50-X
- 9.2. Characteristic values:
- 9.2.1. Primary values:
- D: 152 kN    Dc: - kN    S: - kg  
 U: 22 tonnes    V: - kN  
 Alternative values: Not applicable  
 D: - kN    Dc: - kN    S: - kg  
 U: - tonnes    V: - kN
- 9.3. For Class A mechanical coupling devices or components, including towing brackets:  
 Not applicable
- Vehicle manufacturer's maximum permissible vehicle mass: - kg
- Distribution of maximum permissible vehicle mass between the axles: Not applicable
- Vehicle manufacturer's maximum permissible towable trailer mass: - kg
- Vehicle manufacturer's maximum permissible static mass on coupling ball: - kg
- Maximum mass of the vehicle, with bodywork, in running order, including coolant, oils, fuel, tools and spare wheel (if supplied) but not including driver: - kg
- Loading condition under which the tow ball height of a mechanical coupling device fitted to category M<sub>1</sub> vehicles is to be measured -see paragraph 2 of annex 7, appendix 1:  
 Not applicable
- 9.4. For class B coupling heads, is the coupling head intended to be fitted to an unbraked O<sub>1</sub> trailer  
 YES/NO<sup>(1)</sup> Not applicable
10. Instructions for the attachment of the coupling device or component type to the vehicle and photographs or drawings of the mounting points given by the vehicle manufacturer:  
 See manufacturer's documentation
11. Information on the fitting of any special reinforcing brackets or plates or spacing components necessary for the attachment of the coupling device or component: Not applicable
12. Additional information where the use of the coupling device or component is restricted to special types of vehicles - see annex 5, paragraph 3.4: Not applicable
13. For Class K hook type couplings, details of the drawbar eyes suitable for use with the particular hook type: Not applicable

14. Date of test report: 09 October 2014
15. Number of test report: 14-00653-CX-GBM
16. Approval mark position: Type plate on the component
17. Reason(s) for extension of approval: Not applicable
18. Approval GRANTED/~~EXTENDED/REFUSED/WITHDRAWN~~<sup>(1)</sup>
19. Place: BRISTOL

20. Date: 27 NOVEMBER 2014

21. Signature:



A. W. STENNING  
Head of Technical and Quality Support Group

22. The list of documents deposited with the Administration Service which has granted approval is annexed to this communication and may be obtained on request.

Any remarks: Approval to Supplement 03

(1) Strike out what does not apply.

## INFORMATION DOCUMENT N° RV10

### relating to Component Type Approval of Mechanical Coupling Devices for Motor Vehicles and their Trailers (regulation UNECE R55.01).

#### 0. GENERAL

##### 0.1. Make (trade name of manufacturer):

V.ORLANDI Spa

##### 0.2. Type and commercial description(s):

**RV10, Fifth Wheel coupling 50**

##### 0.5. Name and address of manufacturer:

V.Orlandi Spa, Via Quinzano 3, 25020 FLERO -BS- ITALY

##### 0.7. In case of technical components the location and method of affixing of the EEC-approval mark:

See attached drawing n° **RV 10 000 dated: 10 Feb 2014 revision A.**

##### 0.8. Address of the plant(s) where the assembly takes place:

V.Orlandi Spa, Via Quinzano 3, 25020 FLERO -BS- ITALY

#### 1. CONNECTION BETWEEN DRAWING VEHICLES AND TRAILERS AND SEMI-TRAILERS.

##### 1.1. Detailed technical description (including drawings and material specifications) of the type of the mechanical coupling device:

See attached documents

##### 1.2. Class and type of the coupling device(s):

**Class G50-X RV10**

##### 1.3. Maximum D-value (1):

**152 kN**

##### Maximum Dc-value (1):

Not applicable

##### 1.4. Maximum vertical load S at the coupling point (1):

Not applicable

##### 1.5. Maximum load (U) at the fifth wheel coupling (1):

**22 t**

##### 1.6. Maximum V-value (1):

Not applicable

##### 1.7. Instructions of attachment of the coupling type to the vehicle and the photographs or drawings of the fixing points at the vehicle, given by the manufacturer, additional information if the use of the coupling type is restricted to special types of vehicles:

Fixing instructions according to drawing **RV 10 000 dated: 10 Feb 2014 revision A.**  
for vehicles class **N2 and N3** according to 70/156/EEC

##### 1.8. Information of the fitting of special towing brackets or mounting plates (1):

Not applicable

(1) If applicable

**Flero, 09 October 2014**

