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## ECE TYPE-APPROVAL CERTIFICATE

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Communication concerning approval granted of a type of rear underrun protective device (RUPD)  
pursuant to UN Regulation No. 58

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Approval No:

E5\*58R03/03\*0084\*00

- |                         |   |   |
|-------------------------|---|---|
| Reason(s) for extension | :   | Not applicable  |
|                         |   |   |
| 1.                      | Trade name or mark of the device  | : DEL   |
| 2.                      | Vehicle type  | : DST   |
| 3.                      | Name and address of manufacturer  | : Hiab UK Limited<br>Cargotec Industrial Park, Ellesmere<br>SY12 9JW, UK. |
| 4.                      | If applicable, name and address of manufacturer's representative  | : Hiab AB<br>Norra Vallgatan 64<br>211 22 Malmö, Sweden.                  |
| 5.                      | Characteristics of the device (dimensions and its fixing elements)  | : See test report, annex 3  |
| 6.                      | Test conducted on a   | : representative part of the chassis of a vehicle                         |
| 7.                      | Position on the device of the points of application of the test forces  | : See test report   |
| 8.                      | Maximum horizontal and vertical deflection observed during and after the application of the test forces in Annex 5            | : See test report   |
| 9.                      | Restrictions on application   | : According to manufacturer's instructions                                |
|                         | Vehicles on which the device may be installed (if applicable)   | : According to manufacturer's instructions                                |
|                         | Characteristics of the chassis to which the device may be installed (e.g. stiffness, profile dimensions, ...) (if applicable) | : According to manufacturer's instructions                                |

10. Maximum mass of vehicle on which the device may be installed : Unlimited
11. Device submitted for approval on : 10 April 2025
12. Technical Service responsible for conducting approval tests : RISE Research Institutes of Sweden AB
13. Date of report issued by that Service : 02 July 2025
14. Number of report issued by that Service : P125407
15. Approval has been : granted in respect of the RUPD
16. Position of approval mark on the device : The marking is placed on a plate that is riveted to the Platform.
17. Place : Göteborg
18. Date : 16 October 2025
19. Signature :



Tommie Augustsson  
Type Approval Certification Officer

20. The following documents, bearing the approval number shown above, are available upon request:

Drawings, diagrams and layout plans of the components of the structure considered to be of importance for the purposes of this Regulation;

Detailed information about the devices representing the vehicle structures used for the mounting of the RUPD (e.g. moment of inertia of the beams);

Where applicable drawings of the protective devices and their position on the vehicle.

Information document

See test report

Issuer	Date
Steve Carew-Gibson	10/04/25
Design Engineering	Issue 1 – New product

steve.carew-gibson@hiab.com

1 (1)

## INFORMATION DOCUMENT

Where ECE type-approval of a separate technical unit with respect to rear underrun protection (RUPD) on motor vehicles and trailers in accordance with ECE Regulations 58 if rear underrun protection of motor vehicles, including Appendix 3 to Series 03 which came into force 2017-11-30.

### 0. GENERAL

0.1. Mark: **DEL**

0.2. Type and designation: **DST, with the following Model designations: DST 20T.**

0.5. Manufacturer and address: **Hiab UK Limited, Cargotec Industrial Park, Ellesmere, SY12 9JW, UK.**

0.7. Placement of the EC approval mark: **The marking is placed on a plate that is riveted to the Platform.**

0.8. Addresses of assembly plants: **AIR POWER s.r.o Jižní Předměstí 2942, 301 00, Plzeň, Czech Republic.**

EU Representative: **Hiab AB, Norra Vallgatan 64, 211 22 Malmö, Sweden.**

### 1. DETAILS OF THE VEHICLES ON WHICH THE DEVICE IS INTENDED TO BE FITTED:

1.1 Minimum sum of moment of inertia (one side, right or left) around the horizontal axis of the chassis side beams in cross section: **‘C’ Section  $I_{x \min}$  93792878 mm<sup>4</sup> / ‘I’ Section  $I_{x \min}$  10177333 mm<sup>4</sup>.**

1.2. Distance between the side beams of the chassis at mounting point of the device:

**Chassis Width Rigid: 750 - 900mm.**

**Chassis Width Trailer: 1100 - 1300mm.**

### 2. WEIGHTS AND DIMENSIONS:

2.1. Maximum technical permissible maximum weight: **Unlimited.**

### 3. BODYWORK:

3.1. Description and drawings: **The RUPD is the front face of the rear lift platform. The lift is mounted on the vehicles longitudinal beams via two vertical plates. The height of the RUPD is determined by the platform stow height.**

\* This device must be approved as a separate technical unit (RUPD).