



[1] **EU-TYPE EXAMINATION CERTIFICATE - Translation**

[2] Equipment or protective systems
intended for use in potentially explosive atmospheres, Directive 2014/34/EU

[3] EU-type examination certificate number **IBExU14ATEX1026 X** | Issue 2

[4] Product: **Electric Pedestrian Pallet Truck**
Type: EX* nn

[5] Manufacturer: **Stöcklin Logistik AG**

[6] Address: **Wahlenstrasse 161
4242 Laufen
SWITZERLAND**

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] IBExU Institut für Sicherheitstechnik GmbH, Notified Body number 0637 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential test report IB-20-3-0111/1.

[9] Compliance with the essential health and safety requirements has been assured by compliance with: EN 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-7:2015, EN 60079-11:2012, EN 60079-31:2014 and EN 1755:2000+A1:2009
Except in respect of those requirements listed at item [18] of the schedule.

[10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the specific conditions of use specified in the schedule to this certificate.

[11] This EU-type examination certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[12] The marking of the product shall include the following:

 II 2G Ex db eb [ia] IIB+H₂ T4 Gb

 II 2D Ex tb IIB T135 °C Db

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By order

Certificates without signature and seal are not valid. Certificates may only be duplicated completely and unchanged. In case of dispute, the German text shall prevail.

Dipl.-Ing. Willamowski



Freiberg, 2020-07-31

[13] **Schedule**

[14] **Certificate number IBExU14ATEX1026 X | Issue 2**

[15] **Description of product**

The Electric Pedestrian Pallet Truck Type EX* nn is used for lifting and transporting loads with an electric motor drive and hydraulic lift cylinders. The control is located partially within a flameproof enclosure in the vehicle, or as intrinsically safe module in the handle lever head. The device is powered by a rechargeable battery which can only be charged outside the hazardous area. The device is intended for use in hazardous areas requiring 2G equipment.

Technical data

- Ambient temperature range: -20 °C to +40 °C
- max. speed: 6 km / h

Type overview

EXP nn	only Low Level
EXS nn	only hydraulic mast
EXI nn	hydraulic mast and Low level coupled
EXD nn	hydraulic mast and truck Low, autonomous
EXF nn	hydraulic mast, straddle
EXG nn	only hydraulic boom with counter weight
EXV nn	only hydraulic mast with forks feed

Lifting capacity: nn = 12, 16, 20, 25 x factor 100 kg

Electrical data

- Nominal capacity of the battery 375 Ah
- Nominal voltage 24 V

Variations compared to the Issue 1 of this certificate:

The manufacturer address has changed.

[16] **Test report**

The test results are recorded in the confidential test report IB-20-3-0111/1 of 2020-07-31.

The test documents are part of the test report and they are listed there.

Summary of the test results

The Electric Pedestrian Pallet Truck Type EX* fulfils the requirements for Equipment Group II, Category 2G with the types of protection flameproof enclosure, increased safety and intrinsic safety "ia" for Explosion Group IIB+H₂ and Temperature Class T4 and the requirements of protection by enclosure in Category 2D, Explosion Group IIB and maximum surface temperature of 135 °C.

[17] **Specific conditions of use**

- Repairs of the flameproof joints must be made in compliance with the constructive specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in table 1 of EN 60079-1.
- The changing of the device and the operation of the battery connector are only permitted outside the potentially explosive area.

[18] Essential health and safety requirements

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item [9], the following are considered relevant to this product, and conformity is demonstrated in the test report:

none

[19] Drawings and Documents

The documents are listed in the test report.

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