


(1) EC-TYPE EXAMINATION CERTIFICATE

- (2) Equipment or protective system intended for use in potentially explosive atmospheres - Directive 94/9/EC
- (3) EC-Type Examination Certificate Number: **KEMA 03ATEX1241**
- (4) Equipment or protective system: **Pallet Car with Weighing Unit Type RPW-DX2003**
- (5) Manufacturer: **Electromach B.V., Member of the R. STAHL Technology Group**
- (6) Address: **Hamerstraat 10, 7556 MZ Hengelo, The Netherlands**
- (7) This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the directive.

The examination and test results are recorded in confidential report no. 2029424.

- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
- EN 50014 : 1997 EN 50020 : 2002 EN 1755 : 2000**
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment or protective system according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- (12) The marking of the equipment or protective system shall include the following:

 **II 2 G EEx ib IIC T4**

Arnhem, 4 November 2003
KEMA Quality B.V.



C.G. van Es
Certification Manager

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SCHEDULE

(13)

(14)

to EC-Type Examination Certificate KEMA 03ATEX1241

(15) **Description**

The manually operated Pallet Car with Weighing Unit Type RPW-DX2003 is provided with a battery operated weighing unit Mettler-Toledo Model ID3sTx and loadcells Sensortronics Model 65023, located in the forks.

It enables the operator to read out the weight of the transported load.

The weight is measured by loadcells and displayed by a Liquid Crystal Display.

Additionaly two fiber optic output channels are provided for communication with a suitable optical device.

Ambient temperature range $-20^{\circ}\text{C} \dots +40^{\circ}\text{C}$.

Electrical data

Supply Rechargeable Battery Pack Type 12V/1,2AH-ID3sTx

2 Fiber optic output channels Maximum output power is 0,4526 mW/mm²
(terminals Comm1 and Comm2)

The Rechargeable Battery Pack may only be charged outside the hazardous area.
The permitted maximum charge current is 130 mA +/- 10 %.

(16) **Report**

KEMA No. 2029424

(17) **Special conditions for safe use**

None.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

1. Certificate of Conformity KEMA No.Ex-97.D.2699
EC-Type Examination Certificates KEMA 99ATEX3726
KEMA 99ATEX3729
KEMA 03ATEX1096

signed

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|---------------------------------------|---|------------|
| 2. Drawing No. 5020-A / 35 (4 sheets) |) | |
| |) | 26.03.2003 |
| 3. Description wm\ravas\MT-ID3sTx |) | |