

[1] **CONFORMITY BASED ON UNIT VERIFICATION**
[2] **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
Directive 2014/34/EU Annex IX, Module G

- [3] Unit Verification Certificate Number ACE26ATEX006X Rev00
- [4] Product and Serial Number BEPEX PHARMAPAKTOR L200/50P 26.129
- [5] Manufacturer Manes Macchine srl
- [6] Address Via Don Luigi Sturzo, 8, 20016 Pero MI
- [7] This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] Advanced Consulting and Engineering Iberia SL (A.C.&E. Iberia S.L.), Notified body Accreditation n°: NB3024 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and 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
- [9] The examination and test results are recorded in confidential Report n°. EX_EXH001_26_25-2057
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
ISO 80079-36:2016 Explosive atmospheres Part 36: Non-electrical equipment for explosive atmospheres —
Basic method and requirements
- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the point 17 of This certificate.
- [11] This Unit Verification 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 equipment or protective system shall include the following:



II 2/3D Ex h IIIB T135°C Db/Dc

This Unit Verification Certificate may only be reproduced in its entirety and without any change, including schedules.
Date: 17/04/2026



**Advanced Consulting and Engineering
Iberia SL**
Notified Body No NB3024

Matteo Marconi, CEO

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[13] **SCHEDULE**

[14] Unit Verification Certificate No: ACE26ATEX006X Rev00

[15] Description of equipment

Roller compactor

Length [m]: 1.8

Width [m]: 1.5

Height [m]: 2.0

Min./max. temperature [°C]: -20/+40 °C

Power supply type: 3 Phases + PE – 50 Hz

Power circuit: 400 V – 5 kW – 50 Hz

Auxiliaries (controls/solenoid valves, sensors, etc.): 24 Vdc

The processing of substances is aimed at the compaction and final granulation of the processed material.

Main stages of the cycle: integrated into the machine's functionality, summarized as follows:

- Feeding and dosing
- Compaction
- Granulation and discharge

ATEX CERTIFIED COPONENTS:

Product	Manufacturer	Product code	ATEX Certificate	Marking
Gearmotor	SEW-EURODRIVE	KA47/II2GD DRN90S4/3D/KCC/TF/AL	/ (DoC)	II 2D Ex h IIIC T120°C Db
Motor	SEW-EURODRIVE	KA47/II2GD DRN90S4/3D/KCC/TF/AL	/ (DoC)	II 3D Ex tc IIIB T120°C Dc
Plug	MARECHAL	DXN3 2538013972	LCIE 05 ATEX 6149	II 2D Ex tb IIIC T*Db
PT100	JUMO	TXI.03	LCIE 03 ATEX 6290X	II 1D Ex ia IIIC T85°C
Conector	IFM	ENC02A	BVS 11 ATEX E 009 X	II1D Ex ia IIIB T85°C Dc
Motor	SEW-EURODRIVE	KAF87/II2GD EDRN100L4/3D/KCC/TF/AL	/ (DoC)	II 3D Ex tc IIIB T120°C Dc
Gearmotor	SEW-EURODRIVE	KAF87/II2GD EDRN100L4/3D/KCC/TF/AL	/ (DoC)	II 2D Ex h IIIC T120°C Db
Micro switch	SCHMERSAL	EX-BNS 250-12Z-2187-3GD 5M	/ (DoC)	II 3D Ex tc IIIC T80°C Dc
Micro switch	SCHMERSAL	EX-BPS 250-3G/D	/ (DoC)	II 3D Ex h IIIC T80°C Dc
Load cells	PAVONE SISTEMI	CM 200 kN	IMQ 20 ATEX 017 X.	II2D Ex ia IIIC T135°C Db
Junction box	ILINOX	DS043/304-EX	EPT 18ATE 3029 U	II 1D Ex ta IIIC Da
Intrinsically safe barrier	EATON	MTL 7756ac	BAS99ATEX7285	II (1) 3GD [Ex ia] Ex nA IIC T4
Intrinsically safe barrier	PEPPERL and FUCHS	Z961	TÜV 99 ATEX 1484X BAS 01 ATEX 7005	II 3 G II(1)GD [Ex ia Ga Da] IIC IIIC
Intrinsically safe barrier	PEPPERL and FUCHS	Z961.H	TÜV 99 ATEX 1484X BAS 01 ATEX 7005	II 3 G II(1)GD [Ex ia Ga Da] IIC IIIC

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[13] **SCHEDULE**

[14] Unit Verification Certificate No: ACE26ATEX006X Rev00

[16] Test documents are listed in the test report nº
EX_EXH001_26_25-2057

[17] Special conditions for safe use
Use only antistatic cloths for cleaning operations

[18] Essential Health and Safety Requirements
Met by harmonized standard

[19] Documents and technical datasheets:

Title	Object	Revision	Date
26003Z300	Technical file	R01	08/04/2026
Addendum ATEX	Addendum ATEX	"Marzo 2026"	March 2026
L20050P_ITAR1	Instruction for safe use	R02	10/04/2026

The above-mentioned documents are strictly confidential, and they are of only use by authorities.
A copy of the documents is saved by A.C.&E. Iberia S.L.

[20] Unit Verification Certificate History

Number of certificate	Rev.	Comments	Date
ACE26ATEX006X	00	First Issue	17/04/2026

Date: .17/04/2026



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