

DECLARATION OF PERFORMANCE

DoP ID NO 2231658



1. Unique identification code of the product-type:

Lauridsen Ø800 mm faecal-free wastewater lifting plant for rainwater

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Art.no.: 223165620

Art.no.: 223165821

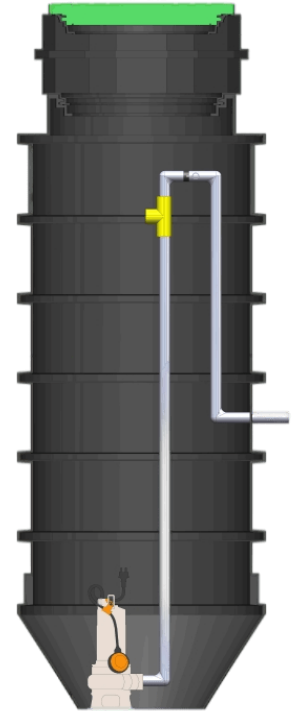
Art.no.: 223165824

Art.no.: 223165827

Art.no.: 223165830

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Collection and automatic lifting of faecal-free wastewater to a height above flood level



4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Lauridsen Handel og Import A/S

Ambolten 1, 6800 Varde

Denmark

www.lhi.dk

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

(EU) No. 305/2011, 1.5

System 4

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7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

DS/EN 12050-2:2001

8. Declared performance

Essential characteristics	Performance	Technical specification
Dimensions <ul style="list-style-type: none">- Chamber- Chamber- Chamber- Chamber with 1 upper section- Chamber with 2 upper sections	<ul style="list-style-type: none">Ø600 x 2000 mmØ800 x 2100 mmØ800 x 2400 mmØ800 x 2700 mmØ800 x 3000 mm	
Materials:	PE-HD	DS/EN 12050-2:2001 pkt. 6 (Annex B)
Weight: <ul style="list-style-type: none">- Art.no.: 223165620- Art.no.: 223165821- Art.no.: 223165824- Art.no.: 223165827- Art.no.: 223165830	<ul style="list-style-type: none">< 60 kg< 80 kg< 85 kg< 95 kg< 105 kg	
Watertightness, tank:	No leakage	DS/EN 12050-2:2001 - pkt. 4.4
Odour tightness:	Requires suitable cover	EN124
Effectiveness (Lifting effectiveness):		
<ul style="list-style-type: none">- Pump	Pedrollo VXm	
<ul style="list-style-type: none">- Pipe connections and the pipes watertightness	DN40 (ventilation and inlet according to installation instructions) No leakage	DS/EN 12050-2:2001 - pkt. 5.2
<ul style="list-style-type: none">- Minimum dimensions of ventilating pipe system	Ventilation installed on site	DS/EN 12050-2:2001 - pkt. 5.4

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- Minimum flow velocity	Type Bar m/s VXm 8/35 0,4 3,37 VXm 10/35 0,4 4,62 VXm 15/35 0,4 5,94 VXm 20/35 0,4 7,13	DS/EN 12050-2:2001 - pkt. 5.5
- Minimum free ball passage of the plant	40 mm	DS/EN 12050-2:2001 - pkt. 5.6
- Minimum useful volume	20 liter	DS/EN 12050-2:2001 - pkt. 3.3
Mechanical resistance	Passed	DS/EN 12050-2:2001 - pkt. 4.4, 5.2, 5.3, 6 DS/EN 12566-3:2016 Annex C
Noise level	NPD	Noise level below limited values in the machinery directive 2006_42_EF
Durability:		
- Of watertightness	Fulfill the same requirements as to mechanical resistance	DS/EN 12050-2:2001 - pkt. 4.4, 5.2, 5.3, 6
- Of lifting effectiveness		
- Of mechanical resistance		
Fixing devices	Passed	DS/EN 12050-2:2001 pkt. 5.3

Signed for and on behalf of the manufacturer by:

Casper Lauridsen
Lauridsen Handel-Import A/S

01-01-2023

