

DECLARATION OF PERFORMANCE

DoP ID NO 2231648



1. Unique identification code of the product-type:

Lauridsen Ø800 mm lifting plants for wastewater containing faecal matter

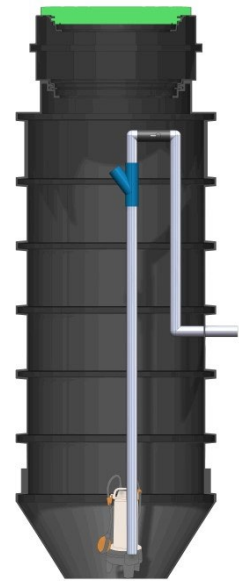
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Art.no.: 223164820

Art.no.: 223164823

Art.no.: 223164826

Art.no.: 223164829



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 matter 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

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

DS/EN 12050-1:2001

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8. Declared performance

Essential characteristics	Performance	Technical specification									
Dimensions <ul style="list-style-type: none"> - Chamber - Chamber - Chamber with 1 upper section - Chamber with 2 upper sections 	<ul style="list-style-type: none"> Ø800 x 2100 mm Ø800 x 2400 mm Ø800 x 2700 mm Ø800 x 3000 mm 										
Materials:	PE-HD	DS/EN 12050-1:2001 pkt. 6 (Annex B)									
Weight: <ul style="list-style-type: none"> - Art.no.: 223164820 - Art.no.: 223164823 - Art.no.: 223164826 - Art.no.: 223164829 	<ul style="list-style-type: none"> < 75 kg < 80 kg < 90 kg < 100 kg 										
Watertightness, tank:	No leakage	DS/EN 12050-1:2001 - pkt. 4.2									
Odour tightness:	Requires suitable cover	EN124									
Effectiveness (Lifting effectiveness):											
- Pump	Pedrollo Tritus TIGm 0.75										
- Pipe connections and the pipes watertightness	DN50 (ventilation and inlet according to installation instructions) No leakage	DS/EN 12050-1:2001 - pkt. 5.2									
- Minimum dimensions of ventilating pipe system	Ventilation installed on site Minimum DN50	DS/EN 12050-1:2001 - pkt. 5.3									
- Minimum flow velocity	<table style="border: none;"> <tr> <td>Type</td> <td>Bar</td> <td>m/s</td> </tr> <tr> <td>TIGm 0.75</td> <td>0,4</td> <td>2,47</td> </tr> <tr> <td>TIGm 1.1</td> <td></td> <td></td> </tr> </table>	Type	Bar	m/s	TIGm 0.75	0,4	2,47	TIGm 1.1			DS/EN 12050-1:2001 - pkt. 5.4
Type	Bar	m/s									
TIGm 0.75	0,4	2,47									
TIGm 1.1											
- Minimum free ball passage of the plant	40 mm	DS/EN 12050-1:2001 - pkt. 5.5									
- Minimum useful volume	20 liter	DS/EN 12050-1:2001 - pkt. 3.3									
Mechanical resistance	Passed	DS/EN 12050-1:2001 - pkt. 4.2, 5.2, 5.9, 6									

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		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 12050-1:2001 - pkt. 4.2, 5.2, 5.9, 6
- Of lifting effectiveness		
- Of mechanical resistance		
Explosion resistance	NPD	DS/EN 12050-1:2001 - pkt. 4.2, 5.8
Fixing devices	Passed	DS/EN 12050-1:2001 - pkt. 5.9

Signed for and on behalf of the manufacturer by:

Casper Lauridsen
Lauridsen Handel-Import A/S

01-01-2023

