

Declaration of Conformity No.



Manufacturer: JSC "Hans Group"
Parko g.1A, Avižieniai, Vilniaus r.
14198
The Republic of Lithuania

Place of production: Antakalnio g. 64,
LT-20144 Ukmergė,
The Republic of Lithuania

1. Unique identification code of the product type: Small wastewater treatment systems for up to 50 PT: M5, M5M, M6, M6M, M8, M8M, M10, M10M, M15, M15M, M20, M20M, M30, M40, M50.
2. Intended use/es: Biological wastewater treatment process with activated sludge.
3. Manufacturer: Hans Group JSC, Antakalnio str.64, 20144 Ukmergė, Lithuania. www.biomax.lt
4. Authorised representative: -
5. System/s of AVCP: 3
6. Harmonised standard: EN 12566-3:2005+A2:2013. Notified Body number: 1379 SPSC- Linkmenų str.28 Vilnius 08217 Lithuania
7. Declared performance/s:

Characteristic	Performance	Test method																						
Treatment efficiency ratios (at tested organic daily load BOD ₅ 0,323kg.	<table border="0"> <tr> <td>Efficiency %</td> <td>Efficiency mg/l</td> </tr> <tr> <td>BOD₅* - 97,9 %</td> <td>6,81</td> </tr> <tr> <td>COD* - 92,5 %</td> <td>48,5</td> </tr> <tr> <td>SS - 98,1%</td> <td>7,29</td> </tr> <tr> <td>N_{Kj} - 75,1 %</td> <td>15,0</td> </tr> <tr> <td>N_{NO₃-N} - 54,6 %</td> <td>22,3</td> </tr> <tr> <td>P - 79,6%</td> <td>1,19</td> </tr> <tr> <td>NH₄-N - 78,7%</td> <td>12,4</td> </tr> <tr> <td>NO₂-N -</td> <td>0,320</td> </tr> <tr> <td>NO₃-N -</td> <td>6,97</td> </tr> </table>	Efficiency %	Efficiency mg/l	BOD ₅ * - 97,9 %	6,81	COD* - 92,5 %	48,5	SS - 98,1%	7,29	N _{Kj} - 75,1 %	15,0	N _{NO₃-N} - 54,6 %	22,3	P - 79,6%	1,19	NH ₄ -N - 78,7%	12,4	NO ₂ -N -	0,320	NO ₃ -N -	6,97	EN 12566-3:2005+A2:2013, clause 6.3		
Efficiency %	Efficiency mg/l																							
BOD ₅ * - 97,9 %	6,81																							
COD* - 92,5 %	48,5																							
SS - 98,1%	7,29																							
N _{Kj} - 75,1 %	15,0																							
N _{NO₃-N} - 54,6 %	22,3																							
P - 79,6%	1,19																							
NH ₄ -N - 78,7%	12,4																							
NO ₂ -N -	0,320																							
NO ₃ -N -	6,97																							
	<table border="0"> <tr> <td>M5, M5M</td> <td>0,6m³/d</td> </tr> <tr> <td>M6, M6M</td> <td>0,8m³/d</td> </tr> <tr> <td>M8, M8M</td> <td>1,2m³/d</td> </tr> <tr> <td>M10, M10M</td> <td>1,5m³/d</td> </tr> <tr> <td>M15, M15M</td> <td>2,25m³/d</td> </tr> <tr> <td>M20, M20M</td> <td>3m³/d</td> </tr> <tr> <td>M30</td> <td>4,5m³/p</td> </tr> <tr> <td>M40</td> <td>6m³/p</td> </tr> <tr> <td>M50</td> <td>7,5m³/p</td> </tr> </table>	M5, M5M	0,6m ³ /d	M6, M6M	0,8m ³ /d	M8, M8M	1,2m ³ /d	M10, M10M	1,5m ³ /d	M15, M15M	2,25m ³ /d	M20, M20M	3m ³ /d	M30	4,5m ³ /p	M40	6m ³ /p	M50	7,5m ³ /p	EN 12566-3:2005+A2:2013, clause 5				
M5, M5M	0,6m ³ /d																							
M6, M6M	0,8m ³ /d																							
M8, M8M	1,2m ³ /d																							
M10, M10M	1,5m ³ /d																							
M15, M15M	2,25m ³ /d																							
M20, M20M	3m ³ /d																							
M30	4,5m ³ /p																							
M40	6m ³ /p																							
M50	7,5m ³ /p																							
Treatment capacity: Nominal organic daily load	<table border="0"> <tr> <td>M5, M5M</td> <td>0,24 kg/d</td> </tr> <tr> <td>M6, M6M</td> <td>0,36 kg/d</td> </tr> <tr> <td>M8, M8M</td> <td>0,48 kg/d</td> </tr> <tr> <td>M10, M10M</td> <td>0,6 kg/d</td> </tr> <tr> <td>M15, M15M</td> <td>0,9 kg/d</td> </tr> <tr> <td>M20, M20M</td> <td>1,2kg/d</td> </tr> <tr> <td>M25</td> <td>1,5 kg/d</td> </tr> <tr> <td>M30</td> <td>1,8 kg/d</td> </tr> <tr> <td>M35</td> <td>2,1 kg/d</td> </tr> <tr> <td>M40</td> <td>2,4 kg/d</td> </tr> <tr> <td>M50</td> <td>3 kg/d</td> </tr> </table>	M5, M5M	0,24 kg/d	M6, M6M	0,36 kg/d	M8, M8M	0,48 kg/d	M10, M10M	0,6 kg/d	M15, M15M	0,9 kg/d	M20, M20M	1,2kg/d	M25	1,5 kg/d	M30	1,8 kg/d	M35	2,1 kg/d	M40	2,4 kg/d	M50	3 kg/d	EN 12566-3:2005+A2:2013, clause 5
M5, M5M	0,24 kg/d																							
M6, M6M	0,36 kg/d																							
M8, M8M	0,48 kg/d																							
M10, M10M	0,6 kg/d																							
M15, M15M	0,9 kg/d																							
M20, M20M	1,2kg/d																							
M25	1,5 kg/d																							
M30	1,8 kg/d																							
M35	2,1 kg/d																							
M40	2,4 kg/d																							
M50	3 kg/d																							
Watertightness:	Pass	EN 12566-3:2005+A2:2013, clause A.2																						
Crushing resistance:	Pass	EN 12566-3:2005+A2:2013																						
Durability	Pass Material Polypropylene	EN 12566-3:2005+A2:2013, clause 6.5																						
Reaction to fire	E	EN 12566-3:2005+A2:2013, clause 6.6																						
Dangerous substance	NPD	-																						

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

JSC "Hans Group"