

# High impact tank cleaning machine

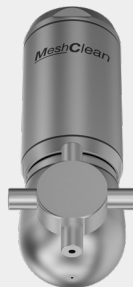
## MeshClean

### Series 5T2/5T3



#### Features:

- High efficiency thanks to especially powerful solid jet nozzles
- Also suitable for smaller tanks with stubborn soiling
- Active self-cleaning through special nozzle geometry
- Particularly low-maintenance



Function video  
[www.lechler.com/de-en/medialibrary/videos-general-industry](http://www.lechler.com/de-en/medialibrary/videos-general-industry)  
 Or scan the QR code.

Series 5T2/5T3

#### Technical data:



**Maximum operating temperature**  
 150 °C  
 150 °C (ATEX)



**Maximum ambient temperature**  
 150 °C  
 150 °C (ATEX)



**Installation**  
 Operation in every installation position



**Bearing**  
 Ball bearing



**Material**  
 Stainless steel 1.4404 (316L), PTFE, PEEK, EPDM



**Weight**  
 1.0 kg



**Surface quality**  
 $Ra \leq 0.8 \mu m$



**Surface quality**  
 $Ra \leq 1.6 \mu m$



**Steam suitability**  
 Suitable



**Insertion diameter**  
 68–82 mm



**Recommended filter**  
 Line strainer with a mesh size of 0.2 mm/80 mesh



**Recommended operating pressure**  
 5 bar



**Adapter**  
 3/4 BSPF is compatible with HygienicFit



**Rotation monitoring**  
 Sensor-compatible, information: see pages 96–97

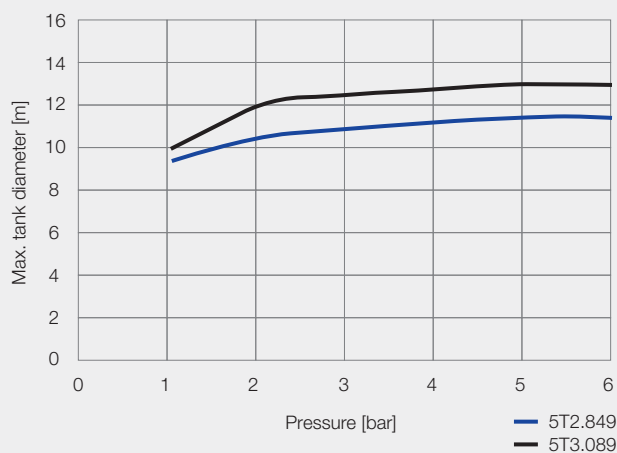


**Maintainable**



#### Max. tank diameter

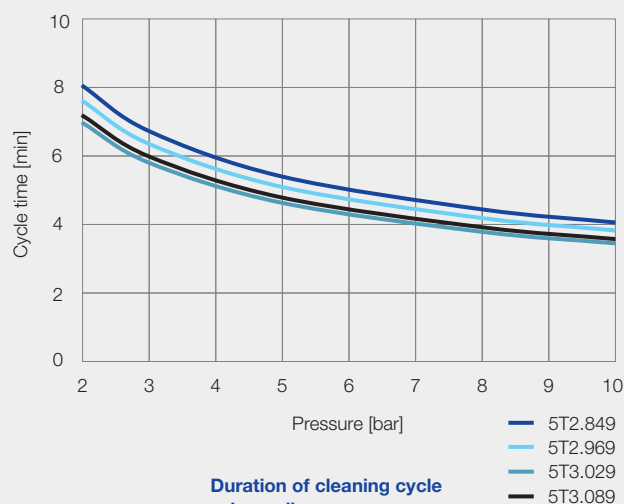
The specified maximum tank diameter applies to the recommended operating pressure and is indicative only. The type of soiling is also decisive for the cleaning result.



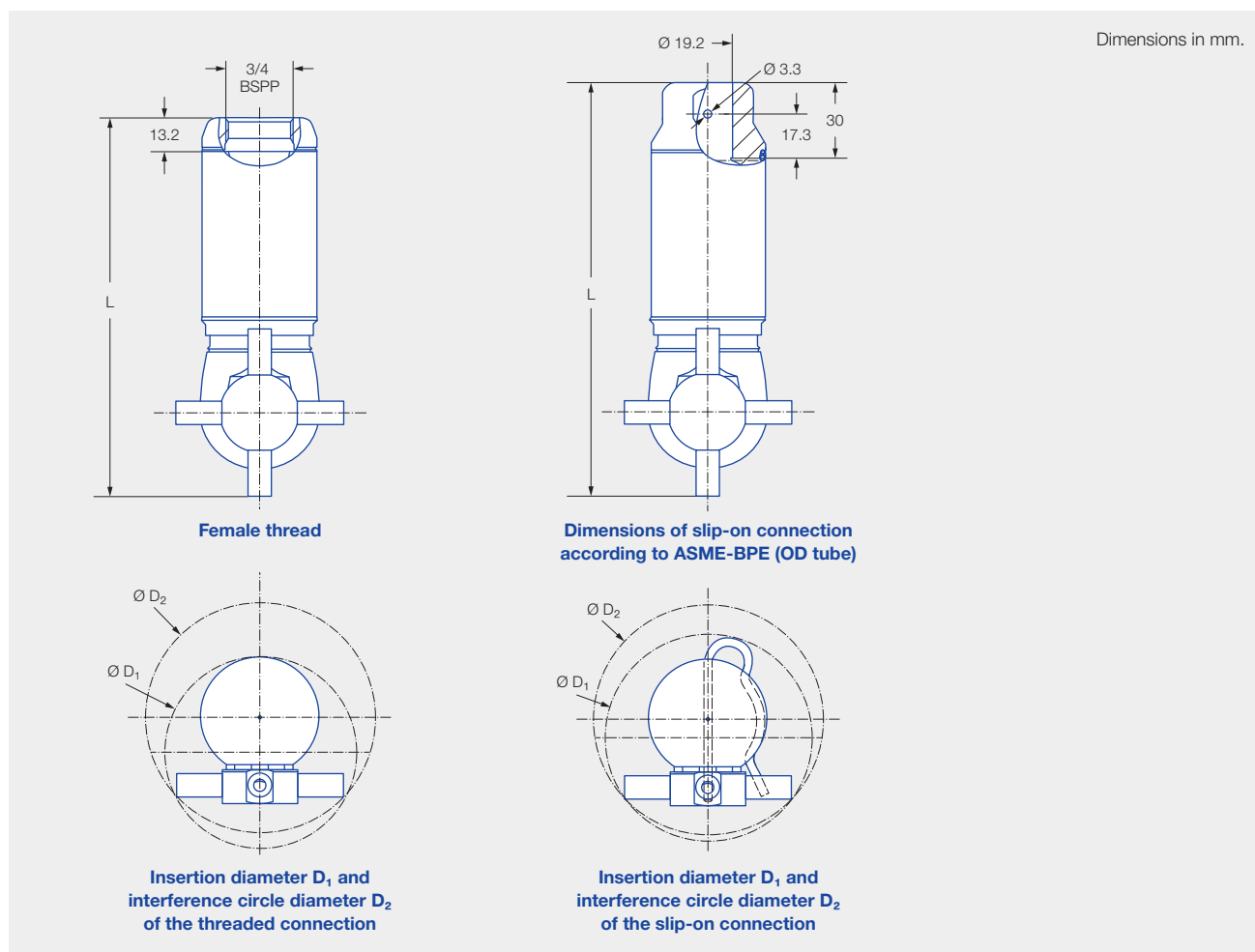
Overview of maximum tank diameter depending on pressure



#### Duration of cleaning cycle



Duration of cleaning cycle depending on pressure



| Spray<br>angle                                                                                          | Order no.  |             |                               | Ṽ water [l/min]                     |     | Ṽ water | Dimensions [mm] |                  |                  |                    |                  |                  | Max.<br>tank<br>diameter<br>[m] |
|---------------------------------------------------------------------------------------------------------|------------|-------------|-------------------------------|-------------------------------------|-----|---------|-----------------|------------------|------------------|--------------------|------------------|------------------|---------------------------------|
|                                                                                                         | Type       | Connection  |                               | p [bar] (p <sub>max</sub> = 15 bar) |     |         | Female thread   |                  |                  | Slip-on connection |                  |                  |                                 |
|                                                                                                         |            | 3/4<br>BSPP | 3/4"<br>slip-on<br>connection |                                     |     |         | L               | Ø D <sub>1</sub> | Ø D <sub>2</sub> | L                  | Ø D <sub>1</sub> | Ø D <sub>2</sub> |                                 |
|                                                                                                         |            |             |                               | 2.0                                 | 5.0 |         |                 |                  |                  |                    |                  |                  |                                 |
| <div>360°<br/></div> | 5T2.849.1Y | AL          | TF07                          | 13                                  | 20  | 1.2     | 142             | 68               | 82               | 157                | 77               | 82               | 11.5                            |
|                                                                                                         | 5T2.969.1Y | AL          | TF07                          | 25                                  | 40  | 2.4     | 142             | 68               | 82               | 157                | 77               | 82               | 12.0                            |
|                                                                                                         | 5T3.029.1Y | AL          | TF07                          | 35                                  | 55  | 3.3     | 142             | 68               | 82               | 157                | 77               | 82               | 12.5                            |
|                                                                                                         | 5T3.089.1Y | AL          | TF07                          | 50                                  | 79  | 4.7     | 148             | 74               | 91               | 163                | 82               | 91               | 13.0                            |

#### Information on operation

Compressed air can be used only for a short time for blowing dry. Use above the recommended pressure will have a negative effect on the cleaning result and wear.

#### Ordering example with FDA and (EC) 1935/2004 conformity.

All materials are suitable for contact with food.



Type + Connection = Order no.  
5T2.849.1Y + AL = 5T2.849.1Y.AL

#### Ordering example with ATEX approval. FDA and (EC) 1935/2004 conformity.

##### Unit group/Category/Zones:

Ex II 1G Ex h IIB T6...T3 Ga  
Ex II 1D Ex h IIIC T85 °C...T190 °C Da



##### Important

The code for the connection changes for the ATEX version with slip-on connection.

Ordering example for 3/4" slip-on connection: 5T2.849.1Y.T2.EX



Type + Connection + ATEX = Order no.  
5T2.849.1Y + AL + EX = 5T2.849.1Y.AL.EX