



# High impact tank cleaning machine

## Series 5TB

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The 5TB has firmly established itself, above all in the pharmaceutical, food and beverage industries because of its hygienic design and high quality. The especially strong solid jets produce an extremely high degree of effectiveness, while the gear-controlled rotation ensures high levels of efficiency. This series is suitable for high pressures and temperatures.



To see video

Scan the QR-code  
or go to:  
[www.lechlerusa.com](http://www.lechlerusa.com)



**Max. Tank diameter [ft]**



**Materials**

AISI 316L SS, AISI 632, PTFE, PEEK, Zirconium oxide, EPDM, 32 RA surface finish is included with every material



**Max. temperature**

203°F/ 95°C



**Recommended operating pressure**

75 psi



**Installation**

Operates in every direction



**Filtration**

Line strainer with a mesh size of 0.2 mm/80 Mesh



**Bearing**

Ball bearing



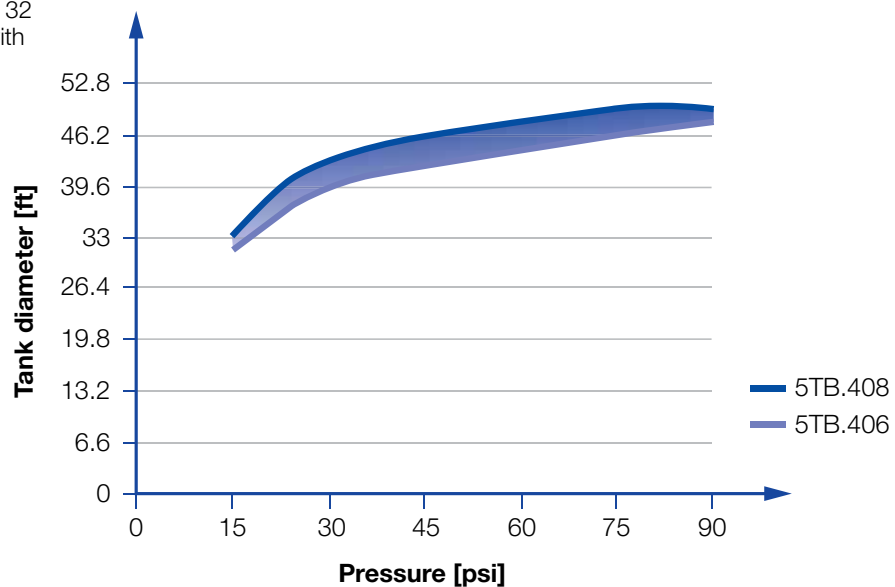
**Weight**

8.8 lbs



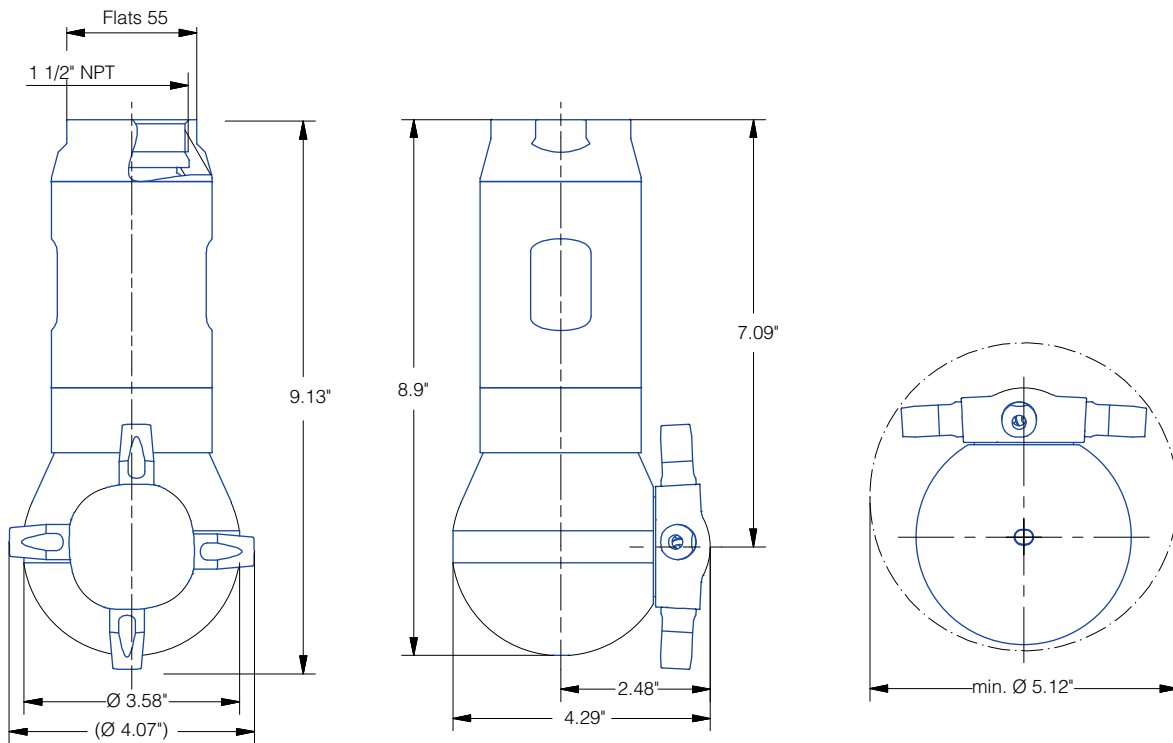
**Rotation monitoring sensor**

Sensor compatible  
Info: see page 66



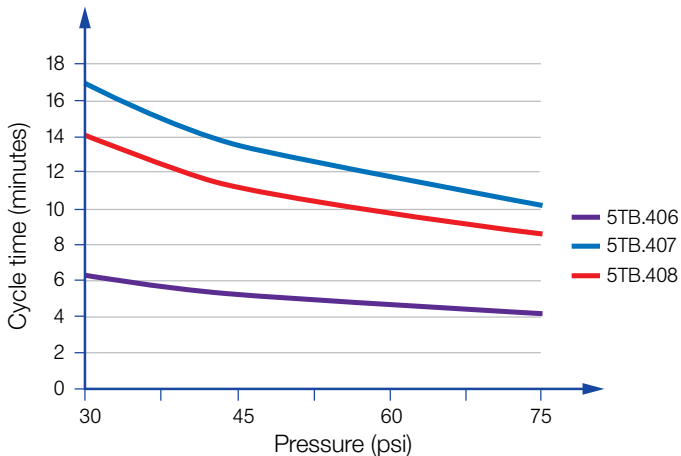
Overview of the tank diameter, depending upon the pressure of series 5TB





Spray angle	Ordering no.	Free Passage (in.)	Number, Ø Nozzles [mm]	Flow Rate (Gallons Per Minute)				Max pressure (psi)	Max. tank diameter [ft]	
				liters per minute 2 bar	30 psi	40 psi	75 psi			145 psi
360°	<b>5TB.406.1Y.BS</b>	.236	4 x 6.0	107	29	33	45	63	362	46
	<b>5TB.407.1Y.BS</b>	.236	4 x 7.0	132	35	41	56	78	362	46
	<b>5TB.408.1Y.BS</b>	.236	4 x 8.0	150	40	47	64	89	362	49

The maximum tank diameter shown above applies for the recommended operating pressure and is indicative only. The cleaning result is also affected by the type of soiling.



Cycle time depending on pressure of series 5TB

**Example of ordering with ATEX approval. FDA and (EG) 1935/2004 conform.**



**Unit group / category / zones:**

- Ex II 1G Ex h LLB T6... T3 Ga
- Ex II 1D Ex h IIIC T85 °C...T150 °C Da

Example Type/Ordering no. of ordering: 5TA.406.1Y.BS.EX

**Example of ordering with FDA and (EG) 1935/2004 conform.**



**All Materials are suitable for contact with food.**

Example Type/Ordering no. of ordering: 5TB.406.1Y.BL