



High impact tank cleaning machine

Series 5TM & Series 5HM – High Temperature

Series 5TM

The 5TM is used for large tank cleaning applications. It is noted for its robust and proven construction, effective solid jets and gear-controlled rotation. This unit operates on low pressures while still providing excellent cleaning.

* Note: The previous M20/M29 series has been replaced with the 5TM/5HM series. 5TM/5HM components are compatible with all existing M20/M29 tank cleaning machines.



To see video

Scan the QR-code
or go to:
www.lechlerusa.com

	Max. tank diameter [ft]	0	15	30	45	60
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Materials
Stainless steel AISI 316L, PTFE, carbon fibre

Max. temperature
5TM: 140°F/ 60°C
5HM: 194°F/ 90°C

Recommended operating pressure
75 psi

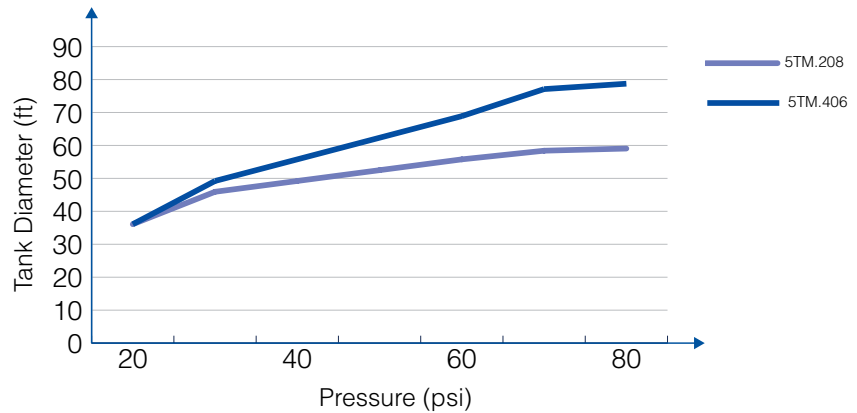
Installation
Operates in every direction

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

Bearing
Ball bearing

Weight
17 lbs

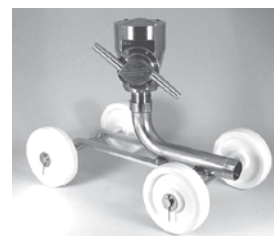
Rotation monitoring sensor
Sensor compatible
Info: see page 66



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

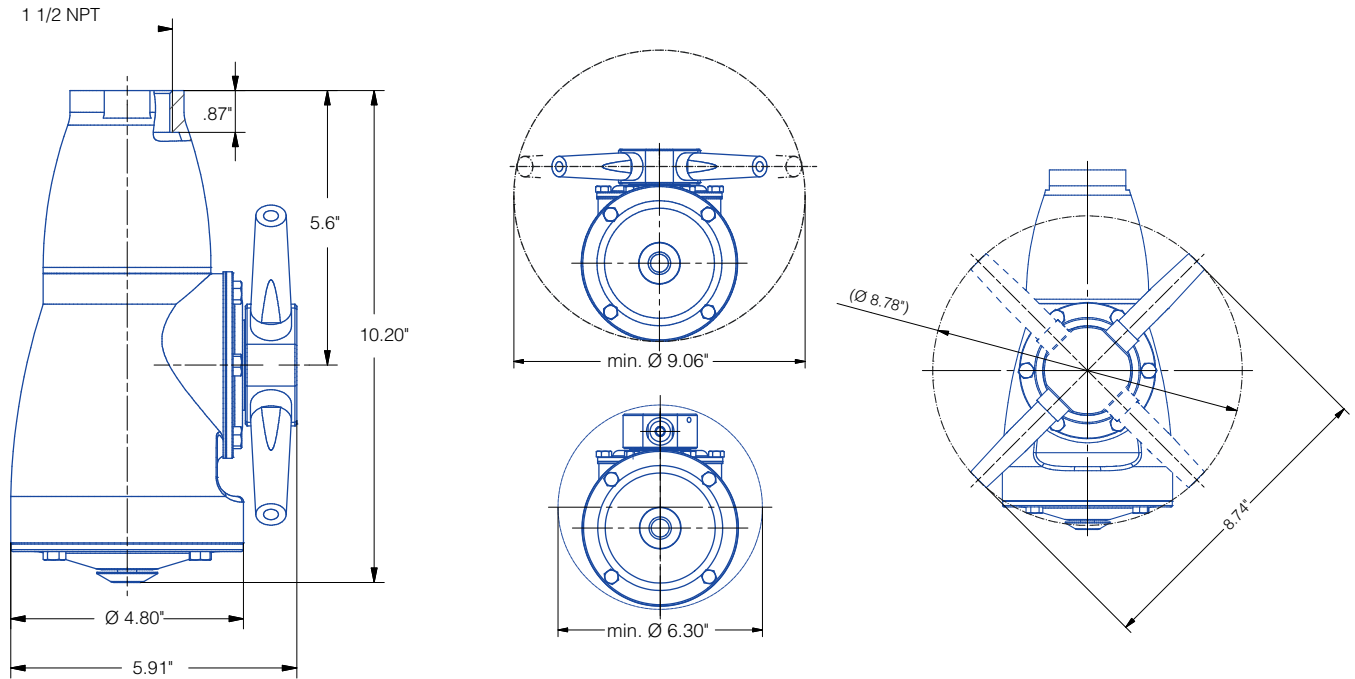


A special mounting attachment allows the 5TM version to double the spray volume to the end bulkheads of long, horizontal tanks or tankers. That part number is 099.164.17.00.

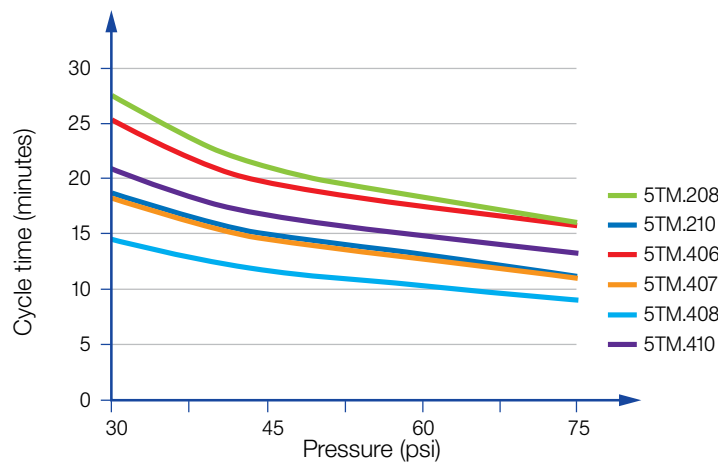


If you have multiple large tanks to clean, Lechler offers a portable cart for easier transporting and operation of your 5TM from tank to tank. The cart part number is M20.000.17.BR.

For use with "BR" connection only



Ordering no.				Free Passage (in.)	No. of Nozzles x Diameter		Operating Pressure				Max. tank diameter [ft]
Type	Connection						40 psi	60 psi	80 psi	100 psi	
		1 1/2" Male NPT	1 1/2" Female NPT	1 1/2" CL150 Flange							
5TM. 208. 1Y 5HM. 208. 1Y	BR	BS	015	.314	2 x 8mm	Flow Rate	40 gpm	49 gpm	56 gpm	59 gpm	79
5TM. 209. 1Y 5HM. 209. 1Y	BR	BS	015	.354	2 x 9mm	Flow Rate	45 gpm	54 gpm	60 gpm	65 gpm	79
5TM. 210. 1Y 5HM. 210. 1Y	BR	BS	015	.394	2 x 10mm	Flow Rate	50 gpm	62 gpm	69 gpm	72 gpm	79
5TM. 211. 1Y 5HM. 211. 1Y	BR	BS	015	.433	2 x 11mm	Flow Rate	57 gpm	68 gpm	78 gpm	80 gpm	75
5TM. 406. 1Y 5HM. 406. 1Y	BR	BS	015	.236	4 x 6mm	Flow Rate	43 gpm	53 gpm	61 gpm	69 gpm	59
5TM. 407. 1Y 5HM. 407. 1Y	BR	BS	015	.276	4 x 7mm	Flow Rate	53 gpm	70 gpm	78 gpm	82 gpm	66
5TM. 408. 1Y 5HM. 408. 1Y	BR	BS	015	.315	4 x 8mm	Flow Rate	62 gpm	74 gpm	84 gpm	92 gpm	72
5TM. 409. 1Y 5HM. 409. 1Y	BR	BS	015	.354	4 x 9mm	Flow Rate	74 gpm	88 gpm	98 gpm	106 gpm	75
5TM. 410. 1Y 5HM. 410. 1Y	BR	BS	015	.394	4 x 10mm	Flow Rate	80 gpm	95 gpm	107 gpm	110 gpm	75



Cycle time depending on pressure of series 5TM

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.