

# High impact tank cleaning machine

## MeshClean+

### Series 5T5



#### Features:

- Powerful solid jet nozzles
- Suitable for large tanks with persistent soiling
- Active self-cleaning through special nozzle geometry
- Low maintenance



Scan for Video

Series 5T5

#### Technical data:



**Maximum operating temperature**  
302 °F  
207 °F (ATEX)



**Maximum ambient temperature**  
302 °F  
302 °F (ATEX)



**Installation**  
Operation in every installation position



**Bearing**  
Ball bearing



**Material**  
Stainless steel 1.4404 (316L), stainless steel 1.4532 (632), PTFE, PEEK, zirconium oxide, EPDM



**Weight**  
8.12 lb



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



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



**Steam suitability**  
Suitable



**Insertion diameter**  
5.12 in



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



**Recommended operating pressure**  
75 psi



**Adapter**  
1 1/2 BSP is compatible with HygienicFit



**Rotation monitoring**  
Sensor-compatible

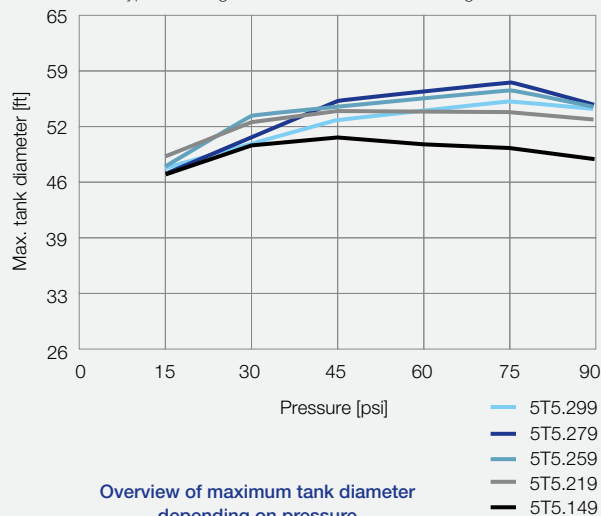


**Maintainable**

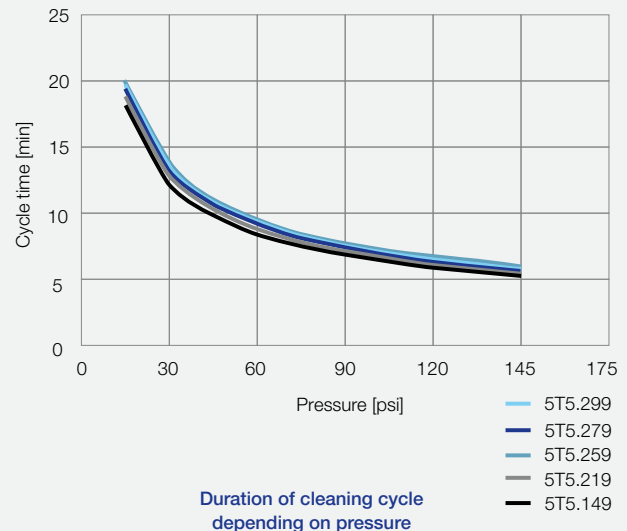


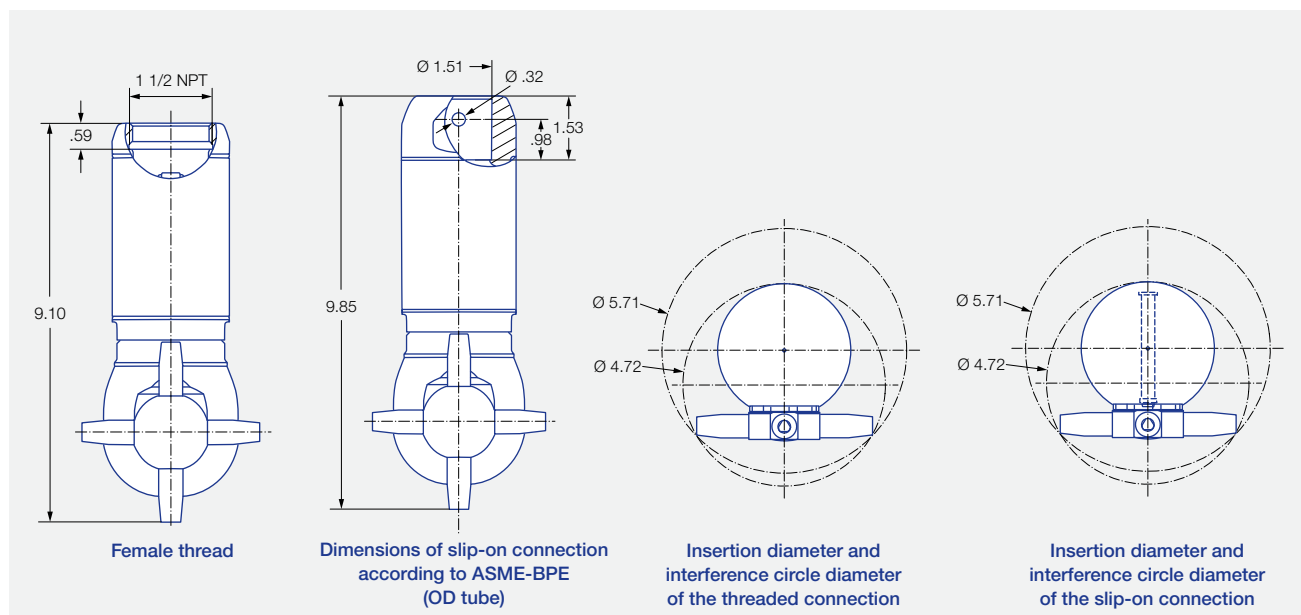
#### Max. tank diameter


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.



#### Duration of cleaning cycle





Spray angle	Ordering number						Narrowest cross-section Ø [in]	Quantity x Ø nozzle [in]	V̇ water [gal/min]					V̇ water	Max. tank diameter [ft]
	Type	Connection				p [psi] (p <sub>max</sub> = 218 psi)									
		1 1/2 NPT		1 1/2" slip-on connection		30			45	75	Liters per min.	145			
		EPDM	FKM	EPDM	FKM						5 bar				
	360°	5T5.149.1Y	BS	45	TF15	34	0.17	4 x .17	18.86	23.10	29.82	111	41.46	3.9	50
		5T5.219.1Y	BS	45	TF15	34	0.22	4 x .22	28.72	35.17	45.40	169	63.13	5.9	54
		5T5.259.1Y	BS	45	TF15	34	0.25	4 x .25	35.51	43.49	56.15	209	78.07	7.4	56
		5T5.279.1Y	BS	45	TF15	34	0.28	4 x .28	40.44	49.53	63.94	238	88.90	8.4	57
		5T5.299.1Y	BS	45	TF15	34	0.31	4 x .31	45.71	55.98	72.27	269	100.48	9.5	55

BSP thread available on request.