

TANK DIA.
UP TO **30 ft.** (9.1 m)

TANKJET® YMD3 TANK CLEANER

TANKJET YMD3 TANK CLEANER FEATURES AND BENEFITS

- Dependable and durable motor-driven units provide consistent, high-impact cleaning to remove the most stubborn residues
- Air/electric motors rotate solid stream nozzles in three directions to efficiently cover the entire tank
- Extension lengths available from 3.3 ft. (1 m) to 8.2 ft. (2.5 m)
- Reduces the need for dangerous and time-consuming manual tank cleaning
- Wide range of nozzles available to fit specific applications

SPECIFICATIONS

TankJet YMD3 Tank Cleaner	
Max. tank diameter:	30 ft. (9.1 m)
Operating principle:	Motor-driven
Flow rate:	8.6 to 37.5 gpm (32.6 to 142 lpm)
Operating pressure:	725 to 4350 psi (50 to 300 bar)
Max. temperature:	176°F (80°C)
Materials:	316 stainless steel, PTFE and fluororubber
Inlet connection:	1/2" NPT and BSPT (F)
Flange:	ASME®, JIS, and sanitary options available
Motor options:	Air, electric
Optional accessories:	Strainers, recommended mesh size: 100 (150 micron) See page G2

IDEAL FOR CLEANING:

- Chemical reactors
- Food processing tanks and vats
- Pharmaceutical processing vessels
- Process tanks



TankJet YMD3
tank cleaner
with air motor

TankJet YMD3
tank cleaner

HI
HIGH
IMPACT

**SPRAY
COVERAGE**

360°

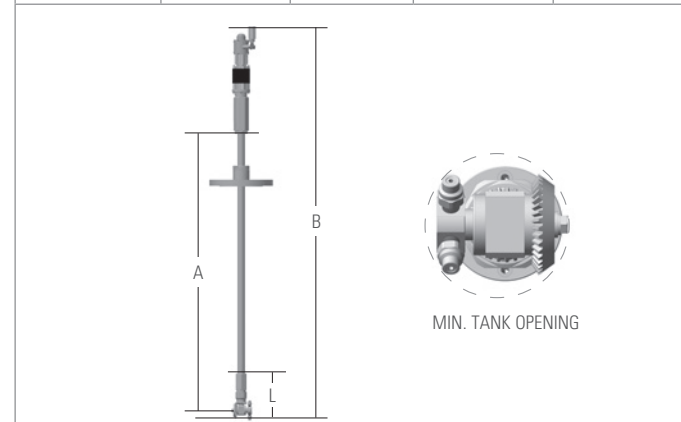


**MOUNTING
OPTIONS**

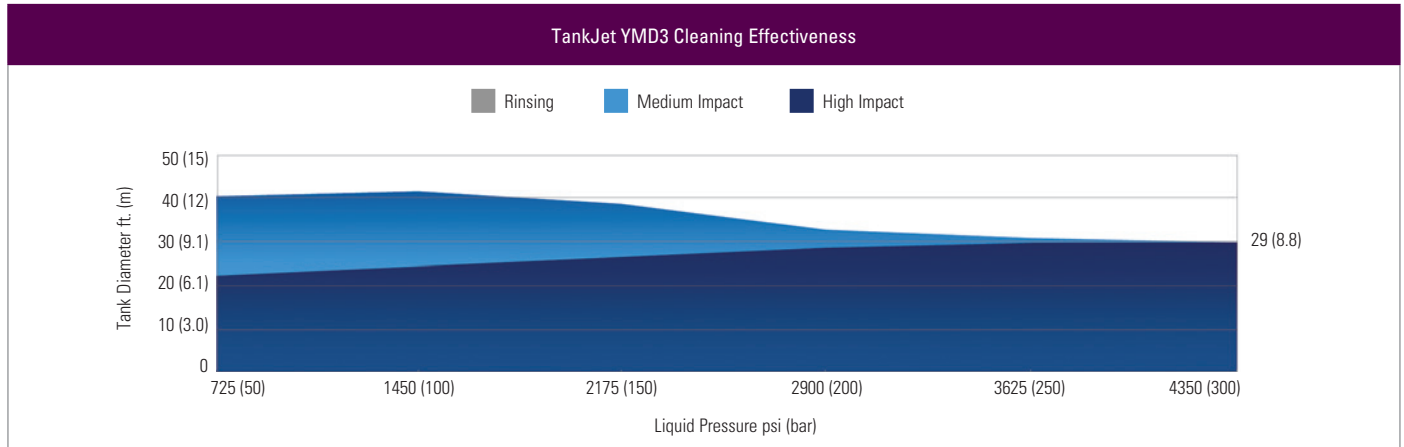
Vertical	↑	↓
Horizontal	←	→
45° Up	↖	↗
45° Down	↙	↘

DIMENSIONS AND WEIGHTS

Model	Min. Tank Opening in. (mm)	L in (mm)	A Extension Length ft. (m)	B Overall Length in. (m)
YMD3-A (Air Motor)	3.8 (95)	6.7 (170)	3.3 to 8.2 (1 to 2.5) in 0.8 (0.25) increments	A + 16.8 (426)
YMD3-E (Electric Motor)	3.8 (95)	6.7 (170)		A + 14 (356)



PERFORMANCE DATA



Model YMD3		Total Flow of Equal Capacity, gpm (lpm)* Liquid Inlet Pressure			
Nozzle	Capacity Size	725 psi (50 bar)	1450 psi (100 bar)	2900 psi (200 bar)	4350 psi (300 bar)
1/8MEG	0005	8.6 (32.6)	12 (45.5)	16.2 (61.2)	20.3 (77)
	0010	15.9 (60)	21.9 (82.8)	30.5 (115.5)	37.5 (142)

*Note: Flow rates tabulated above include pressure drop through unit.

AIR MOTOR
CYCLE TIME DATA

Air Pressure	Air Consumption	Approx. Speed (rpm)		Approx. Time for One Complete Cycle (min.)	
		Liquid Pressure psi (bar)		Liquid Pressure psi (bar)	
psi (bar)	scfm (l/sec)	725 (50)	4350 (300)	725 (50)	4350 (300)
6 (0.41)	2.3 (65)	3.6	4.7	10.3	7.9
8 (0.55)	3.2 (91)	9.0	9.0	4.1	4.1
10 (0.68)	4 (113)	11.5	11.6	3.2	3.2

ELECTRIC MOTOR*
CYCLE TIME DATA

Frequency @ 115 VAC	Speed (rpm)	Current (amps)	Power (watts)	Approx. Time for One Complete Cycle (minutes)
50 Hz	17	23	25	2.5
60 Hz	20	21	25	2

For lances, mounting kits, adapters and more, see page G6

ORDERING INFORMATION

Call your local spray expert for application assistance or to place an order.