

**TANKJET 80 & 80H TANK CLEANERS  
FEATURES AND BENEFITS**

- Slow rotation provides excellent dwell time on tank surface and offers powerful, reliable cleaning
- Hygienic (H) models feature polished surfaces and enclosed gears, ideal for fermenters, food and brewery applications
- Simple, self-cleaning, flow-through design requires minimal maintenance
- Choice of dual- or triple-nozzle fluid-driven turbine hubs
- Multi-axis rotation provides complete 360° coverage every 45 revolutions
- Lightweight construction for easy portability and installation
- Optional external clean-in-place nozzles help keep unit and drop pipe clean
- Slow Rotation (SR) models available for applications needing longer dwell time

**SPECIFICATIONS**

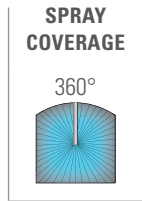
| TankJet 80 & 80H Tank Cleaners |  |
|--------------------------------|--|
| Max. tank diameter:            | 50 ft. (15.2 m)  |
| Operating principle:           | Fluid-driven turbine   |
| Flow rate:                     | 53 to 142 gpm (200 to 538 lpm)                                   |
| Operating pressure:            | 60 to 200 psi (4.1 to 13.8 bar)                                  |
| Max. temperature:              | 250°F (121°C)  |
| Material:                      | 316 stainless steel, PTFE and UHMW-PE                            |
| Rotation speed:                | SR: 3 to 8 rpm<br>Std: 8 to 20 rpm                               |
| Inlet connection:              | 1-1/2" NPT or BSPT (F)   |
| Optional accessories:          | Strainers, recommended mesh size: 20 (840 micron)<br>See page G2 |

**IDEAL FOR CLEANING:**

- Brewery tanks
- Chemical vessels
- Fermenters
- Food and dairy tanks
- Tanker trucks
- Pulp chests



TankJet 80 tank cleaner



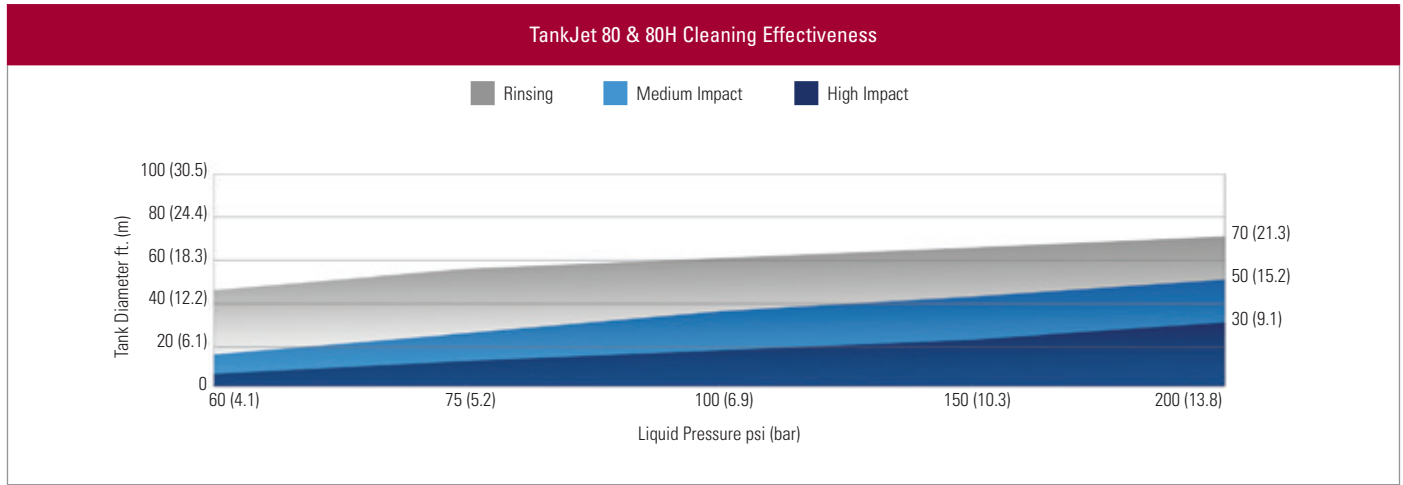
Typically used in the brewery industry, external clean-in-place (CIP) nozzles clean unit and down pipe.



TankJet 80H tank cleaner



PERFORMANCE DATA



| Model TJ80 & 80H |               |                       |             | Liquid Flow Capacity gpm (lpm) |                  |                   |                   |                    |                    |                    |
|------------------|---------------|-----------------------|-------------|--------------------------------|------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| No. of Nozzles   | Capacity Size | Slow Rotation Option* | CIP Option* | 60 psi (4.1 bar)               | 75 psi (5.2 bar) | 100 psi (6.9 bar) | 125 psi (8.6 bar) | 150 psi (10.3 bar) | 175 psi (12.1 bar) | 200 psi (13.8 bar) |
| 2                | 250           |                       |             | 27 (102)                       | 30 (113)         | 34 (130)          | 38 (144)          | 41 (157)           | 44 (168)           | 47 (179)           |
| 2                | 313           |                       |             | 43 (163)                       | 47 (180)         | 54 (203)          | 59 (224)          | 64 (242)           | 68 (258)           | 72 (274)           |
| 2                | 375           |                       | •           | 54 (204)                       | 60 (226)         | 68 (259)          | 76 (288)          | 83 (314)           | 89 (337)           | 95 (359)           |
| 2                | 438           | •                     | •           | 63 (239)                       | 70 (264)         | 79 (299)          | 87 (330)          | 94 (358)           | 101 (383)          | 107 (406)          |
| 3                | 250           |                       |             | 32 (121)                       | 36 (135)         | 41 (156)          | 46 (175)          | 50 (191)           | 55 (206)           | 58 (221)           |
| 3                | 313           |                       | •           | 55 (210)                       | 62 (234)         | 71 (270)          | 79 (301)          | 87 (329)           | 94 (355)           | 100 (379)          |
| 3                | 375           | •                     | •           | 68 (258)                       | 76 (287)         | 87 (330)          | 97 (368)          | 106 (402)          | 114 (433)          | 122 (462)          |
| 3                | 438           |                       |             | 87 (327)                       | 94 (356)         | 105 (397)         | 114 (431)         | 122 (462)          | 129 (489)          | 136 (514)          |

\* Available with the TankJet 80 only

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

**DIMENSIONS AND WEIGHTS**

| TankJet 80 & 80H Tank Cleaners   | Model | No. of Nozzles | L in. (mm)  | W in. (mm)  | Min. Tank Opening in. (mm) | Net Weight lbs. (kg) |
|--|-------|----------------|-------------|-------------|----------------------------|----------------------|
|   | 80    | 2              | 12.75 (324) | 3.7 (94)    | 6.5* (165)                 | 15 (6.8)             |
|  | 80H   | 2              | 13.1 (333)  | 3.4 (86)    | 5.5 (140)                  | 12 (5.5)             |
|  | 80    | 3              | 12.75 (324) | 11.75 (299) | 12.5 (318)                 | 15 (6.8)             |
|  | 80H   | 3              | 12.75 (324) | 12.0 (304)  | 12.0 (304)                 | 12 (5.5)             |

\*CIP version 7.0 in. (178 mm)

**ORDERING INFORMATION**

**TANKJET 80 TANK CLEANER**

|       |              |                |               |                 |                  |
|-------|--------------|----------------|---------------|-----------------|------------------|
| Model | Inlet Conn.* | No. of Nozzles | Capacity Size | Slow Rotation** | Clean In Place** |
|-------|--------------|----------------|---------------|-----------------|------------------|

EXAMPLE: **TJ80** — — — **3** — — **375** **SR** **CIP**

\* Leave blank for NPT connection or insert B for BSPT connection.

\*\*Leave blank for standard version

**TANKJET 80H TANK CLEANER**

|       |              |                |               |
|-------|--------------|----------------|---------------|
| Model | Inlet Conn.* | No. of Nozzles | Capacity Size |
|-------|--------------|----------------|---------------|

EXAMPLE: **TJ80H** — — — **3** — — **375**

\* Leave blank for NPT connection or insert B for BSPT connection.