

# TC-DG 30208, TC-DG 30210, TC-DG 30212, **TC-DG 30216**

Tank Cleaning Nozzles

## Self-rotating



#### Dimension



### Feature

The TC-DG 20410 rotary jet head provides a powerful and thorough 360-degree cleaning pattern. The standard machine configuration uses two nozzles to blast the tank walls and rinse all surfaces. In operation, the unit has to run for the cycle time between on type 8 and 12 min depending on type and pressure. This ensures full cleaning. For extremely difficult applications the cleaning time might have to be extend.

#### Performance data

Material Spray angle Max. cleaning diameter Tank openings **Operating Pressure** Max. operating temperature Connection

**Special Feature** 

316L SS 360° ø45 m 185 mm 2-30 bar 120°C 2"

# Application

- Cleaning all Industry
- beer industry
- Food & Beverage Industry
- Chemical Industry
- marine, petroleum and where a high cleaning performance is required.



#### Working principle

The symmetrically opposed nozzles are driven by an integrated turbine and gearing unit providing safe and reliable starting and stable speed control. Rotation in the horizontal plane combined with vertical movement provides an almost spherical cleaning pattern. Speed will vary slightly according to nozzle size and pressure with one full cycle taking approximately 8-30 minutes.

Driven and lubricated by the cleaning fluid

Very high cleaning performance already at low pressure

Systematically cleans the entire tank interior(360°) Robust, low-maintenance stainless steel construction

Driven by an integrated turbine and gearing unit



Туре	Model	Feature
Standard version High temp, version	TC-DG 30 TC-DG 30-HT	Standard configuration, suitable for working environment below 90 °C Use high temperature engineering materials for 90 ° C $\sim$ 250 ° C working environment
Explosion-proof version	TC-DG 30-F	Use anti-static materials to avoid static sparks, suited for oils and flammable environments
Oil resistant version	TC-DG 30-OT	Special engineering materials, strong oil resistance, can be used for oil tank cleaning



