The Butterworth Type LT automated tank cleaning machine provides 360° impact indexed coverage for the cleaning of the inside of tanks and process vessels.

**Industries**

The Butterworth LT is a highly versatile machine and is applicable in most all types of tanks for process, storage, and transportation. Tank capacities range from 500-150,000 gallons (2-570 M³) for one machine per tank and larger tanks where multiple machines are installed.

**Operational**

The Butterworth LT machine creates a pattern matrix-similar to a ball of twine (see cleaning pattern simulation in the lower right hand corner of this page). A complete pattern is established when 65 axial revolutions of the body have been completed. During the process of this pattern build out, 4 cycles are established with each cycle increasing the density of the pattern matrix.

**User Benefits**

- Elimination Of Confined Space Entry
- High Jet-Stream Impact
- Reduced Cleaning Times
- Reduced Effluent Generation
- Reduced Energy Costs
- Improved Capital Equipment Utilization

**General Dimensions**

- **Materials Of Construction (As Standard):**
  - 316 Stainless Steel/CD4-MCU Duplex S/S
  - See manual for parts detail
- **Weight:**
  - 15 lbs. (6.8 kg)
- **Lubrication:**
  - Flow-Through (Media Lubricated)
  - Sealed Gearbox
- **Pressure Range:**
  - 0-300 PSI (21 Bar)
- **Jet-Length Radius:**
  - 0-58’ (17.68 M)
- **Temperature Range:**
  - Static: 300°F (149°C)
  - Operational: 300°F (149°C)
- **Inlet Connection Type:**
  - 1 ½” NPT (F)
  - 1 ½” BSP (F)
  - Weld
  - Others on request
- **Minimum Tank Opening Requirement:**
  - 5.613” (142.56 mm)
- **Surface Finish:**
  - ≤ 25 Ra μ (Micro Inch) - External
  - Others on request
- **Packaged Dimensions & Weight / Per Machine**
  - **DIM:** 14”L x 6”W x 10”H
  - **Weight:** Gross = 15.2 lbs Net = 15.0 lbs
- **Dimensional Drawing Number:**
  - DWG1637

**Custom Configurations on Request**

**Product Data Sheet**

**Product:** Tank Cleaning Machine

**Type:** LT & LT-FT

**Specifications Summary**

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  - See manual for parts detail
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**Butterworth, Inc.**

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Product Data Sheet
Product: Tank Cleaning Machine
Type: LT & LT-FT

Important Notice:
The curves presented here are summary in nature.
For a complete set of curves, contact Butterworth