OPERATION MODE

AVERAGE TIME OF A COMPLETE CYCLE: 2 MIN.

1. The drum positioning on the inlet conveyor.
2. The drums are led by gravity to the emptying area.
3. The first drum is put at the positioning stop; rubber pads ensure drum accommodation without any impact.
4. When the drum is positioned, the operator can start the tipping cycle. The control of the cycle is conducted by means of two push buttons for lifting and two buttons for descending of the drum. The tipping is ensured by a gearmotor. The moving assembly arrives to abutment against the rubber pads.
5. When emptied, drums return to their initial position under the operator’s control.
6. The operator can then manually move the drums to the soiled drums station.

Advantages

- Compatible with drums fitted with internal sack
- Toxic products applications
- Adjustable to all drum types
- Maximal containment enclosure for a healthy workplace

Security

- Protective screen
  It is positioned near the tilting engine and guarantees the operator’s security
- Lock system
  The cycle start is forbidden when the door is open
- Control system
  The control is conducted by “maintained” push buttons. The cycle is interrupted if the operator loses one of the buttons
- Security area
  Between the conveyor and the tipping device, it avoids all risks of collision and ensures the installation reliability

Technical Specifications

- Rate: 1 barrel/2 min.
- Manufacturing: framework in painted steel / stainless steel
- Loading capacity: 180 kg
- Angle: up to 180°
- Drum tipping: electrical engine of 5.5 kW

Barrel Dump Station

03 TIPPING
DrumFlow®

04 TIPPING AND TIGHT CAPPING


 TECHNICAL SPECIFICATION

**Rate:** 1 drum/4-5 min.
**Manufacturing:** framework in painted steel/stainless steel
**Loading capacity:** 250 kg
**Angle:** up to 180°
**Drum tipping:** electrical engine of 7,5 kW
**Drum containment:** pneumatic cylinder with sealing control by overpressure

**Connection:** by low-pressure inflatable seal
**Draining butterfly valve:** DN150
**Product flow assistance:** fluidiser on the discharge cone, vibrator on the cone or drum bottom

 OPERATING MODE

1. Drum placing on the inlet conveyor and on tipping cradle
2. Drum confinement is assured by cradle lifting on the containment cone. The internal cone forks prevent the reversal of the internal sack
3. Drum tilting
4. Connection to the hopper by means of inflatable seal and dump valves opening