



**Weber
Kunststofftechnik**

Discharging station for chemicals »WK-FLEXLINE«

The flexible solution for the safe loading of chemical storage tanks

- › Space-saving and installation with minimal effort
- › No complex structural measures required
- › Designed for indoor and outdoor application
- › TÜV-tested system
- › Can be operated by only one person

Trade mark protection
submitted with the
German Patent and Trade Mark Office

www.weber-kunststofftechnik.de



With this system, we offer the plant operators a compact solution for the filling according to the General Provisions Relating to Waters of tanks for road tanks.

An essential part of the »WK-FLEXLINE« is a safety collecting tray made of chemical resistant PE 100-RC, which is adjusted to the correct position for the discharging process using the folding mechanism. If the collecting tray is folded up, the space requirement is reduced by 2/3. The lowering and lifting of the collecting tray is effected using an electrical cable winch. Due to this fact, it is possible that the »WK-FLEXLINE« is operated by only one person. In order to additionally secure particularly critical areas (e.g. connection road tanks – hose), two pluggable splash guard elements are included in the standard equipment.

The assembly effort is solely limited to the ground anchoring of the steel frame and the electrical connection of the cable winch.

Depending on the version, it is possible to integrate up to five filling cabinets.

The discharging station is protected against unauthorised access via a lockable power switch.

In order to ensure a safe access to the discharging station, a GRP grate serves as anti skid layer.

Technical data:

- Suitable for non-flammable, water polluting liquids
- Trade mark protected and TÜV-tested system
- Designed for indoor and outdoor installation

Consisting of:

Freestanding supporting frame

- Material: steel, galvanised

Inclusive:

- Anchoring plates for the ground fixation
- Cable winch, electrical
- Weather protection cap (PE) for cable winch
- Spring bolt for the locking of the collection tray in stationary position
- Apron made of plastics for the discharging of leaked products from the filling cabinet into the collecting tray
- Supporting frame with tipping device for the support of the collecting tray and attachment point for cable winch/steel cable

Safety collecting tray

- Material: PE 100-RC
- Manufactured according to the building inspection approval Z-40.22-254 of the DIBt.
- Welded construction made of extruded plate material

Inclusive:

- Splash guard elements (pluggable)
- Straps for the locking in stationary position
- GRP grate (removable) as anti skid layer

Sizes/Dimensions

Discharging station for chemicals »WK-FLEXLINE-2« Version for up to 2 filling stations

- Installation sizes (approx.):
 - 1,800 x 4,000 x 3,500 mm (in discharging position)
 - 1,800 x 1,500 x 3,500 mm (in stationary position)

- Safety collection tray:
 - Outer dimension (approx.): 3,000 x 1,500 x 300 mm
 - Collecting volume (approx.): 700 Litres

Discharging station for chemicals »WK-FLEXLINE-3« Version for 3 filling stations

- Installation sizes (approx.):
 - 2,300 x 4,000 x 3,500 mm (in discharging position)
 - 2,300 x 1,500 x 3,500 mm (in stationary position)

- Safety collecting tray:
 - Outer dimension (approx.): 3,000 x 2,000 x 300 mm
 - Collecting volume (approx.): 1,000 Litres

Discharging station for chemicals »WK-FLEXLINE-4« Version for 4 filling stations

- Installation sizes (approx.):
 - 2,800 x 4,000 x 3,500 mm (in discharging position)
 - 2,800 x 1,500 x 3,500 mm (in stationary position)

- Safety collecting tray:
 - Outer dimension (approx.): 3,000 x 2,500 x 300 mm
 - Collecting volume (approx.): 1,200 Litres

Discharging station for chemicals »WK-FLEXLINE-5« Version for 5 filling stations

- Installation sizes (approx.):
 - 3,300 x 4,000 x 3,500 mm (in discharging position)
 - 3,300 x 1,500 x 3,500 mm (in stationary position)

- Safety collecting tray:
 - Outer dimension (approx.): 3,000 x 3,000 x 300 mm
 - Collecting volume (approx.): 1,500 Litres

Optional equipment

Filling cabinet, a Weber product

- Tubing behind the filling valve: guided upwards (junction with bushing)
- Material: PE-HD
- Material tubing/braces/fittings: PVC

- Valve: Manual diaphragm valve, alternative automatic diaphragm valve
- Nominal width of connection: DN 50 to DN 80
- Material seals: EPDM/Viton/Teflon
- Version and equipment per fold:
 - Bottom tray designed as drip tray, equipped with a discharge nozzle DN15 with ball valve
 - Plug door, lockable (padlock on-site)
 - Filling port with connection thread R 2"
 - Permanently mounted filling valve with seal
 - Return valve
 - Filling vehicle connector with chain and cover, material: VA-ECTFE

Sample configuration: The design and the equipment of the filling cabinets are selected according to customer's request and requirements according to the stored medium.

Legal basis

In order to avoid a pollution of the water or another permanent change of its characteristics, according to the Law Relating to Waters (WHG) everyone must take care according to the conditions during actions which may be connected with influences to a water...
(Extract from WHG § 1a, paragraph 2)

The regulations on units for the handling of substances hazardous to water (VAwS) declare:
Units must be designed and operated in such a way that Point 1.

substances hazardous to water may not escape. Units must be tight, stable and sufficiently resistant against mechanical, thermal and chemical influences...

Point 3.
escaping substances hazardous to water will be reliably detected and restrained...

(Extract from VAwS § 3, requirements, paragraph 2)





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