

ACCESSORIES

FILLING SYSTEMS

UNIVERSAL FILLING SYSTEMS



ABOUT PHILADELPHIA

THE UNIVERSAL BATTERY FILLING SYSTEM!

The AFS - Aqua Filling System is the best battery watering system on the market for small to medium-sized applications. It makes battery watering safe, easy and affordable.

It incorporates many unique features that make it the best in its class, as well as being the easiest battery filling system to install, using a minimal number of inventory items.

It fills an industrial forklift truck battery in one-tenth the time of hand watering, which means that these systems typically pay for themselves in under a year.

The system also improves safety as it prevents exposure to electrolytes while filling.

HOW THE AFS WORKS

The AFS battery filling system is a float-based system. This means that the flow of water into the battery is controlled by a buoyant float mechanism, which rides on top of the electrolyte.

As the battery is being filled, water flows into each cell through individual AFS valves. As the electrolyte level rises, the float rises with it

and shuts off the valve when the correct electrolyte level is reached.

While the force generated by this process is small, it is enough to shut off the valve in most conventional applications.

The shut-off mechanism has been designed to shut off precisely under a wide range of operating pressures, which means that it will work with almost all facility water sources.

Our adjustable float height setting design is the key to our exclusive universal product design. With the AFS battery filling system, you don't need to worry about having many float sizes in stock for your battery.

FEATURES & BENEFITS

- **One float fits all:** multiple float valves are not required! Just a single, adjustable, valve for all industry standard fill heights.
- **Fast installation:** collars are not required, just push the tubing onto the barbs, it's fast, easy and secure.
- **Watch the action:** totally transparent, so the operator has the confidence of watching the cell being filled.
- **Lowest profile:** at only 15 mm (0.6 inches) tall,



UNIVERSAL BATTERY FILLING SYSTEM WITH MINIMAL PARTS

In addition to being easy to install, this universal battery filling system with minimal parts offers a host of additional benefits:

- Easily accessible hydrometer access ports
- Maximum visibility of the level float
- A water trap
- A low profile
- Compatible with common industry standards for fill heights and tube widths

The float kits include floats, tubing, input couplings and filter assemblies, cable ties and instructions for installation and operating.

| Description | Technical information | REF |
|----------------|-----------------------------------------|---------------------------|
| Float kit 12 V | Float valve kit for 6-cell DIN battery | 164TA7942 |
| Float kit 18 V | Float valve kit for 9-cell DIN battery | 164TA7943 |
| Float kit 24 V | Float valve kit for 12-cell DIN battery | 164TA7944 |
| Float kit 36 V | Float valve kit for 18-cell DIN battery | 164TA7945 |
| Float kit 40 V | Float valve kit for 20-cell DIN battery | 164TA7946 |
| Float kit 48 V | Float valve kit for 24-cell DIN battery | 164TA7947 |
| Float kit 72 V | Float valve kit for 36-cell DIN battery | 164TA7948 |
| Float kit 80 V | Float valve kit for 40-cell DIN battery | 164TA7949 |
| Float kit 96 V | Float valve kit for 48-cell DIN battery | 164TA7950 |

BFS FILLING SYSTEM



ABOUT BFS

BFS cutting Edge Technology for battery watering systems

BFS is a robust, family-owned enterprise that has been developing, producing and distributing battery watering systems for lead-acid batteries for more than 30 years. Today BFS's products are the acme of quality and reliability. Around 75 staff are employed at the company's












production facility's in Germany and Malta. Every year more than 11 milion plugs are produced, sold and used around the globe.. The company has been a world market leader in battery watering systems for many years, with the family's second generation now at the helm.



PLUGS

The plug is at the heart of the bfs system. Many different versions are available, and by offering our customers the greatest selection on the market, we make sure that a perfect system is available for any battery

type, in any application. For most applications you can choose between bfs Plug III and Plug IV.

| Description | REF | Description | REF |
|---------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|  Manual push-in plug 35 mm | 144TA1733 |  Automatic bayonet plug Bayonet 2 cam | 137TA1843 |
|  Manual threaded plug 27 mm | 137TA1839 |  Automatic bayonet plug Seal (3.0 mm) | 137TA1844 |
|  Manual threaded plug 30 mm | 137TA1840 |  Automatic bayonet plug Bayonet 4 cam | 137TA1845 |
|  Automatic push-in plug 35 mm | 144TA5917 |  End stop | 106TA8940 |
|  Automatic threaded plug M27 | 137TA1841 |  Tool for easy mounting of plugs Assembling tool to ease and quicken the assembly of a BFS plug in adapter versions such as bayonet adapters or threaded adapters | 145TA2017 |
|  Automatic threaded plug M30 | 137TA1842 | | |

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We offer a large variety of floats to help control electrolyte levels in the cell with the greatest accuracy. Choosing the correct float is crucial in achieving the best level in battery cells. The large choice of floats allows

you to adjust electrolyte levels in all battery types and in all areas of application.

| Description | REF | Description | REF |
|---------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------|---------------------------|
|  Float Size 14 | 137TA1846 |  Float Size 39 | 137TA1850 |
|  Float Size 20 | 137TA1847 |  Float Size 49 | 137TA1851 |
|  Float Size 24 | 137TA1848 |  Float Size 59 | 137TA1852 |
|  Float Size 29 | 137TA1849 |  Tool | 145TA2019 |
|  Float Size 34 | 111TA3478 | | |

FLOAT MEASUREMENTS FOR TRACTION BATTERIES



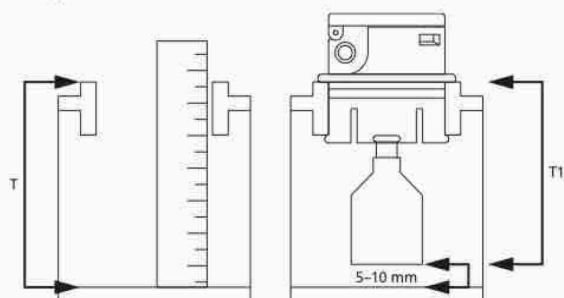
| Float size | Push-in plug | | Bayonet/clip plug | | Threaded plug | | REF |
|------------|--------------|--------|-------------------|------------------|------------------|--------|---------------------------|
| | bfs III | bfs IV | bfs III* | bfs IV | bfs III | bfs IV | |
| | A51000 | A4N000 | B51000 I51000 | B4N000 I4N000 | C/D/E/ F51000 | C4N000 | |
| | T1 | T1 | T1 | T1 | T1 | T1 | |
| | mm | mm | mm | mm | mm | mm | |
| 14 | 41 | - | 28 | 40 | 31 | 41 | 168TA7864 |
| 20 | 48 | 45 | 35 | 44 | 37 | 45 | 168TA7865 |
| 24 | 52 | 49 | 39 | 48 | 41 | 49 | 168TA7866 |
| 29 | 57 | 54 | 44 | 53 | 46 | 54 | 168TA7867 |
| 34 | 62 | 59 | 49 | 58 | 51 | 59 | 144TA5918 |
| 39 | 67 | 64 | 54 | 63 | 56 | 64 | 168TA7868 |
| 44 | 72 | 69 | 59 | 68 | 61 | 69 | 164TA2536 |
| 49 | 77 | 74 | 64 | 73 | 66 | 74 | 168TA7869 |
| 59 | 87 | 84 | 74 | 83 | 76 | 84 | 168TA7870 |
| 23 | 50 | 48 | 37 | 47 | 39 | 48 | 168TA7871 |
| 26 | 53 | 51 | 40 | 50 | 42 | 51 | 168TA7872 |
| 30 | 56 | 55 | 43 | 54 | 46 | 55 | 168TA7880 |
| 34 | 60 | 58 | 46 | 57 | 49 | 58 | 168TA7873 |
| 38 | 64 | 63 | 51 | 62 | 54 | 63 | 168TA7881 |
| 42 | 68 | 67 | 55 | 66 | 58 | 67 | 168TA7874 |
| 50 | 76 | 75 | 63 | 74 | 66 | 75 | 168TA7882 |
| 58 | 84 | 83 | 71 | 82 | 74 | 83 | 168TA7883 |
| 26 | 52 | 51 | 40 | 50 | 42 | 51 | 168TA7875 |
| 33 | 59 | 58 | 46 | 57 | 49 | 58 | 168TA7876 |
| 42 | 68 | 67 | 55 | 66 | 58 | 67 | 168TA7877 |
| 32 | 58 | - | 46 | 56 | 49 | 57 | 168TA7878 |
| 41 | 67 | - | 54 | 65 | 56 | 66 | 168TA7879 |

Using the float spindle extension (REF 168TA7884), add 13 mm/0.5"

CALCULATION OF FLOAT SIZE

T = top of cell to top of separator

T1 = top of cell to base of float



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AQUA LOW PROFILE BATTERY WATERING SYSTEM



FRÖTEK Aqua Low Profile Battery Watering System is a newly developed single-point watering system designed to save time, increase safety and fit most forklift battery brands on the market. The ultra-low profile design is engineered for easy installation. Battery watering time is significantly reduced with the single-point delivery system, and the fluid level indicator allows for quick and easy monitoring of the fluid level. Please note a pressure regulator is required to operate the watering system.

Features:

- Quick and easy one-point connection
- Prevents over-filling of battery cells
- Prevents missed watered battery cells
- Only two movable parts minimizes blocking
- Ensures correct water level
- Polycarbonate construction

SINGLE-POINT WATERING PLUG S35 LOW PROFILE (MOSTLY USED FOR TRACTION APPLICATIONS)



| Description | Colour: black | Floater height mm | Length mm | REF |
|-------------------|-------------------|----------------------|--------------|---------------------------|
| Floater + T-piece | Standard plug S35 | 16 | 40 | 168TA6930 |
| Floater + T-piece | Standard plug S35 | 20 | 44 | 168TA6931 |
| Floater + T-piece | Standard plug S35 | 29 | 53 | 168TA6932 |
| Floater + T-piece | Standard plug S35 | 32 | 56 | 168TA6933 |
| Floater + T-piece | Standard plug S35 | 38 | 62 | 168TA6934 |
| Floater + T-piece | Standard plug S35 | 43 | 67 | 168TA6935 |
| Floater + T-piece | Standard plug S35 | 48 | 72 | 168TA6936 |

SINGLE-POINT WATERING PLUG R24 LOW PROFILE (MOSTLY USED FOR BLOCK BATTERIES)













| Description | Colour: black | Floater height mm | Length mm | REF |
|-------------------|-------------------|----------------------|--------------|---------------------------|
| Floater + T-piece | Standard plug R24 | 16 | 40 | 168TA6937 |
| Floater + T-piece | Standard plug R24 | 20 | 44 | 168TA7885 |
| Floater + T-piece | Standard plug R24 | 29 | 53 | 168TA6938 |
| Floater + T-piece | Standard plug R24 | 32 | 56 | 168TA6939 |
| Floater + T-piece | Standard plug R24 | 38 | 62 | 168TA6940 |
| Floater + T-piece | Standard plug R24 | 43 | 67 | 168TA6941 |
| Floater + T-piece | Standard plug R24 | 48 | 72 | 168TA7886 |

ACCESSORIES











Other than the watering plugs, which are at the heart of the system, bfs also offers perfectly matched accessories. The product line includes

all peripheral components as well as useful installation tools. (Please note: pictures of products are not to scale.)

| Description | REF | Description | REF |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
|  Hydrometer | 138TA3957 |  Tube 10 mm 8 mm | 168TA6926 168TA6927 |
|  Sliding tool | 164TA2538 |  O-ring | 137TA1844 |
|  Protection cap Protection cap for male link RC | 168TA6923 |  Washer locker Diameter: 9 mm | 137TA1860 |
|  Plug removal tool | 164TA2537 |  End cap | 168TA6928 |
|  Sliding tool 10/6 Tool to fix wash locker | 168TA6924 |  Tool for easy mounting of plugs Assembling tool to ease and quicken the assembly of a BFS plug in adapter versions such as bayonet adapters or threaded adapters | 145TA2017 |

FILLING SYSTEMS



| Brand | Description | Type | REF |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------|---------------------------|
|   | Female joint | 7 mm | 137TA1853 |
| | | 9 mm | 137TA1854 |
| | | 11 mm | 106TA8953 |
| | | 13 mm | 137TA1855 |
|   | Male joint | 7 mm | 137TA1856 |
| | | 9 mm | 137TA1857 |
| | | 11 mm | 106TA8952 |
| | | 13 mm | 137TA1858 |
|   | Female joint | 6 mm | 145TA2091 |
| | | 10 mm | 145TA2092 |
|   | Male joint | 6 mm | 145TA2093 |
| | | 10 mm | 145TA2094 |

ACCESSORIES















FILLING SYSTEMS

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| | Brand | Description | Type | REF |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------|------------------------|-------------------------------------------------------------------------------------|
|  |  TotalSource | Flow indicator male with filter | 1 x NW6 1 x NW10 | 142TA3205 166TA5547 |
|  |  TotalSource | Flow indicator male with filter | 2 x NW6 2 x NW10 | 142TA3207 142TA3206 |
|  |  TotalSource | Female connector filter | 1 x NW6 1 x NW10 | 142TA3208 142TA3209 |
|  |  TotalSource | Water filter with flow indicator | NW6 NW10 | 142TA3218 142TA3217 |
|  |  FRÖTEK | Female coupling with valve | 8 mm 10 mm 12 mm | 164TA2160 164TA2161 164TA2162 |
|  |  FRÖTEK | Male coupling with valve | 8 mm 10 mm 12 mm | 164TA2163 164TA2164 164TA2165 |

| | Brand | Connection | Colour | Application | REF |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------|--------|----------------|--------------------------------------------------------|
| Female coupling for water | | | | | |
|  |  FRÖTEK | KV10 KV6 | Grey | Water standard | 168TA7887 168TA7888 |
| Male coupling for water | | | | | |
|  |  FRÖTEK | SV10 SV6 | Grey | Water standard | 168TA7889 168TA7890 |

ACCESSORIES

| | Brand | Description | Type | REF |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  TotalSource | Joint with filter | 1 x M16 x 1.5 | 142TA3211 |
|  |  TotalSource | Flow indicator | Connection: 10 mm | 106TA8956 |
|  |  bfs | Flow indicator | Connection: 10 mm | 145TA2096 |
|  |  bfs | Filter | Connection: 10 mm | 145TA2095 |
|  |  FRÖTEK | Water filter | Connection: 10 mm | 106TA8951 |
|  |  bfs | Hose clamp | 9 mm 14 mm | 137TA1860 137TA1859 |
|  |  TotalSource | Plastic hose | 6 x 9 mm (per metre) 10 x 14 mm (per metre) 12 x 16 mm (per metre) | 168TA7126 168TA6955 106TA8943 |





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PARTS FOR WATER CIRCULATION

Our products include everything needed to set up an automatic watering system with hoses etc. With regard to their quality and dimension tolerance, our connectors are a perfect match for bfs hoses and the bfs watering system as a whole.

| | Description | Connection | REF |
|-------------------------------------------------------------------------------------|--------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------|
|  | L-connection | 6-6 10-6 6-10 10-10 | 137TA1835 106TA8944 137TA1834 106TA8945 |
|  | T-connection | 6-6-6 6-10-6 10-06-10 10-10-10 | 137TA1836 144TA5913 144TA5914 106TA8948 |
|  | X-connection | 6-6-6-6 6-10-6-10 10-10-10-10 | 137TA1837 106TA8949 106TA8950 |
|  | Reduction | 10-6 | 142TA7718 |

FILTEREX FOR CENTRAL DEGASSING



Characteristics:

The use of the filterEX on batteries prevents:

- A flash-back of hydrogen fire
- Followed by a chain reaction between the battery cells

Requirements:

Normally, the filterEX is used in combination with the central degassing BFS plug (A51210), where all cells are inter-connected through the degassing hoses in addition to the normal water hoses.

FilterEX will protect the battery under any of the following circumstances:

- An ignition from an external source – flame propagation can be avoided by filterEX – mounted at the end of the degassing hose

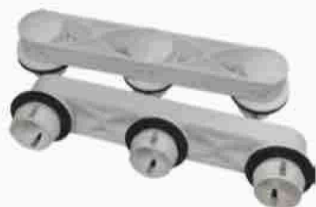
- An ignition source inside one of the battery cells – a propagation of the flame can be prevented by filterEX mounted after each plug

Handling:

- The piping should be installed in such way that there are not more than 10 BFS plugs connected to one filterEX
- The filterEX should be replaced after approximately 300 cycles, respectively when the white insert becomes discoloured. Replacement frequency depends on the gas discharge volume per battery cells.

REF [168TA6956](#)

SNAPCAP™ VENTS



REF [168TA1648](#)



REF [168TA1649](#)

One-piece design

Now available on Crown 6 and 12 V deep-cycle batteries

The new convenience

Crown battery will begin producing our range of high capacity 6 and 12 V deep-cycle batteries with the company's proprietary one-piece SnapCap vent component.

The SnapCap vent component delivers a number of major benefits to battery owners and users:

A highly convenient one-piece locking vent component that makes battery inspection easier and more efficient.

The SnapCap utilizes a lock-in base that secures the vent to the cell opening by manual compression. Installation is fast and easy and does not require tightening of the vent after installation.

The SnapCap design includes a low-profile and multiple safety features that makes it one of the safest vents on the market.

Flooded lead deep-cycle batteries with "SnapCap" vents

Vent component design change

Effective in June 2016 for the following deep-cycle group sizes and battery models:

BCI Group 901: CR-250 and CR-275

BCI Group 903: CR-370, CR-390 and CR-430

BCI Group 902: CR-305, CR-330 and CR-350

BCI Group 921: CR-185, CR-195 and CR-215

HANDLE



REF [115TA6846](#)

CONNECTIONS & CABLES



Battery connection Ø 25 mm

| Length mm | REF |
|--------------|---------------------------|
| 75 | 168TA1650 |
| 95 | 168TA1651 |
| 190 | 168TA1652 |
| 280 | 168TA1653 |
| 300 | 168TA1654 |
| 350 | 168TA1655 |
| 400 | 168TA1656 |



Terminal cable Ø 25 mm

| Length mm | REF |
|--------------|---------------------------|
| 75 | 168TA1657 |
| 95 | 168TA1658 |
| 190 | 168TA1659 |
| 280 | 168TA1660 |
| 300 | 168TA1661 |

* Other dimensions are available on demand.

QUICK RELEASE



REF [115TA6845](#) - Quick release for 6 V batteries with 3 plugs

REF [168TA1077](#) - Quick release for 8 V batteries with 4 plugs

| Diameter mm | Colour | REF |
|----------------|--------|---------------------------|
| 32 | Red | 131TA7018 |
| 32 | Black | 131TA7019 |
| 30 | Red | 131TA7020 |
| 30 | Black | 131TA7021 |
| 26 | Red | 131TA7022 |
| 26 | Black | 131TA7023 |
| 24 | Red | 131TA7024 |
| 24 | Black | 131TA7025 |
| 20 | Red | 131TA7026 |
| 20 | Black | 131TA7027 |

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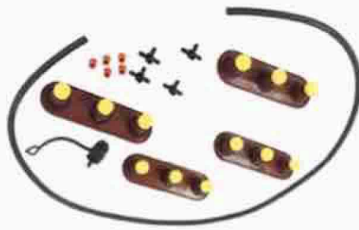
FILLING SYSTEMS



HYDROLINK™ WATERING SYSTEM

Trojan knows the importance of battery maintenance and the impact it has on a battery's life. Battery maintenance, particularly, battery watering, can be time-consuming, and messy.

With Trojan Battery's innovative HydroLink™ Watering System, you can experience faster, easier and safer battery watering. With HydroLink, a complete set of batteries can be watered in less than 30 seconds!



| Features | Benefits |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reduces acid spills | Lower cost of ownership by reducing overfilling which increases battery life and maintains a longer battery run time |
| Independent water level indicator | Non mechanical and easy-to-read. Takes the guess work out of when to add water to the battery. Saves maintenance time |
| Internal and external flame arrestors | Safest watering system in the industry – helps prevent any spark or flame from entering the battery |
| Cost-effective | Saves valuable time and money |
| Guaranteed to work with your Trojan batteries* | Four-year, limited warranty |
| Compatibility | The HydroLink Watering System is compatible with 6-volt, 8-volt and 12-volt Trojan batteries. Clampless tubing allows for customizable configuration in any application |

* HydroLink is not compatible with all batteries. See Below for the details.

- REF [168TA7170](#) – HydroLink kit 6 VX6
- REF [168TA7171](#) – HydroLink 6 V plug
- REF [168TA7172](#) – HydroLink kit 6 VX4
- REF [168TA7173](#) – HydroLink kit 8 VX3
- REF [168TA7174](#) – Spare vent cap

HYDROPURE

The HydroPure is a low-cost deioniser system that allows you to make pure water straight from the tap!

This deioniser reduces the high price of buying bottled water and it's more convenient as well. Each disposable cartridge purifies about 2400 l of water and the purity light will tell you exactly when the cartridge is used up.

Features:

Professional quality deioniser: not just a filter, which only removes particles, but a real ion-exchange medium that electrostatically removes dissolved impurities. Purity is comparable to distilled water and ideal for batteries.

Large capacity: the cartridge is rated for 2400 l of pure water.

Purity light: this "magic eye" monitors the conductivity of the output water continuously and signals when it is time to change the cartridge.

Pressurized system, easy installation, easy cartridge replacement.

Flow rates:

- Maximum intermittent flow: 8 l/min
- Maximum continuous flow: 2 l/min

Indication:

- Purity light indication water OK: steady green flash
- Purity light indication water BAD: double red flash
- Purity light OK max threshold: 50 ppm

HydroPure 300: complete deioniser system supplied with DC battery-powered purity light and 1 replaceable cartridge

1. Output:

- Maximum output (input purity 50 ppm): 5760 l
- Typical output (input purity 120 ppm): 2400 l
- Poor water output (input purity 250 ppm): 1150 l
- Maximum input pressure: 80 psi
- Cartridge resin volume: 4.5 l

REF [127TA3874](#)

2. Output:

- Maximum output (input purity 50 ppm): 11 520 l
- Typical output (input purity 4800 ppm): 2400 l
- Poor water output (input purity 2300 ppm): 1150 l
- Maximum input pressure: 80 psi
- Cartridge resin volume: 4.5 l

REF [140TA8949](#)



Replacement deioniser cartridge for 300/400

REF [127TA3875](#)



Connector

REF [164TA2592](#)



Water filling pistol

REF [139TA3244](#)

*Only under typical circumstances with an input purity of 120 ppm.

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DEMINERALISED WATER UNIT



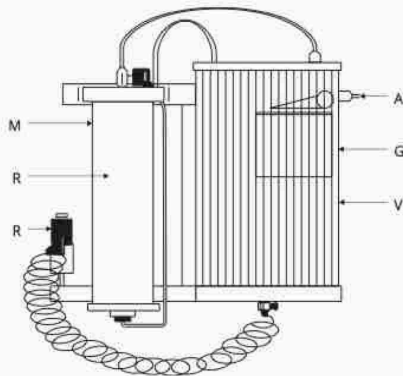
1. REF [105TA4903](#) – Can produce 150 l of demineralized water
REF [105TA4902](#) – Replacement cartridge
2. REF [111TA3846](#) – Coupling

WATER DEMINERALISER COMPLETE WITH RESERVOIR



- The long experience acquired in the area of the forklift trucks led to the production of Vinky
- Vinky is an efficient and easy-to-use device that will prove to be of use to personnel responsible for refilling water within traction batteries
- The Vinky can produce 500 l of demineralized water, and is delivered with gun (with auto-level detector) and 15 l reservoir

REF [103TA1549](#) – Complete system



| Code | Description | REF |
|------|----------------------------------------------------------------------------------|-----------|
| P | Gun | 103TA1551 |
| M | Demineraliser (= resin + tube) | 103TA1552 |
| R | Synthetic demineralising resin (no tube) | 103TA1553 |
| G | Sender unit to stop water from overflowing | 103TA1554 |
| V | Tank for demineralized water Capacity: 15 l Dimensions: 206 x 166 x 461 mm | 103TA1555 |

WATER-FILLING PISTOLS



- Integrated flow indicator
- Pressure regulator incorporated in nozzle
- 45° bend nozzle
- Secure level control
- 6.4 l per minute
- With flow diffuser

REF [139TA3244](#)



- For watering transparent jar-type stationary batteries
- Gun operates outside the cell
- Does not have automatic shut-off

REF [124TA1729](#)



- Length: 440 mm
- Water nozzle
- 25 cm filling pipe

REF [138TA3952](#)



- Robust water nozzle with ergonomic rubber handle - 25 cm
- Not acid-resistant (for batteries with automatic filling system)

REF [138TA3953](#)



- 9 V-battery included
- Visual and acoustic water level signal indicators

REF [138TA3954](#)

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FOOT PUMP



Foot pump suitable for barrels up to 120 l

REF [116TA5779](#)

PORTABLE SUCTION PUMP FOR WATER



For removing excess water from the battery container.

- Acid-resistant plastic casing
- Dimensions: 220 x 170 x 140 mm
- 12 V connector
- Capacity: 2.7 l/min
- Suitable for 37% acid
- On/off switch with LED indicator
- NW-06 connection for input and output

REF [116TA5781](#)

FILLING SYSTEM TOOLS

PRESSOL



Battery filler

REF [106TA8986](#)



Funnel set

- Complete set
- Diameters: 50, 75, 100, 120, 150, 160 mm
- Resistant to oil, acid and fuel

REF [139TA1913](#)



Automatic battery filler

Stops automatically when the desired level is reached

REF [106TA8983](#) - 1 l

REF [131TA6367](#) - 2 l

FILLING SYSTEM TOOLS



Gravity tank 20 l with tap

REF [166TA5958](#)



Kit water tank 20 l

- 3 m tube
- Filter
- Flow indicator and link

REF [106TA8937](#)



20 l tank

Makes it possible to fill with automatic filling plugs or with water gun.

REF [168TA6942](#)

Content:

- 3 m tube
- REF [168TA6943](#) - Flow-indicator
- REF [168TA6944](#) - Fast connector
- REF [138TA3953](#) - Filling gun
- REF [168TA6945](#) - Fast connector
- REF [138TA3953](#) - Watergun L



Gravity tank 60 l with tap

Dimensions (X x Y x H): 460 x 350 x 500 mm

REF [116TA6228](#)



Kit water tank 60 l

- 3 m tube
- Filter
- Flow indicator and link

REF [168TA7892](#)

Replacement part:

- REF [168TA6946](#) - Run out tap



Tap for water tank 60 l

REF [168TA6946](#)

BATTERY ACID



FILL IN THE FORM



Battery acid 37.5% (32% BE)

- REF [124TA2887](#) - 1 l
- REF [106TA8674](#) - 20 l

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ACID FILLING PISTOL



REF [106TA8988](#)

MANUAL SUCTION PUMP OIL, FLUIDS AND ACID



REF [168TA7134](#) - 2.5 l
REF [145TA2100](#) - 6 l

PARTS FOR WATER CIRCULATION



Water tank

REF [168TA6950](#) - 30 l
REF [168TA6951](#) - 30 l with optional kit
REF [168TA6950](#) - Water tank
REF [106TA8956](#) - Flow indicator
REF [107TA7887](#) - 2 x clamp with screw
11/17 ABA
REF [144TA5916](#) - Female joint
diameter: 11 mm
REF [106TA8942](#) - Hose

Replacement part:

REF [168TA7894](#) - Run out tap



Water tank round

REF [168TA6952](#) - 30 l

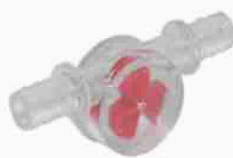


REF [166TA5550](#) - Water tank 1000 l with tap - filled with demineralized water
REF [168TA6953](#) - Water tank 1000 l with tap - empty
REF [168TA6954](#) - Connector diameter 10 mm to fix the accessories

ACCESSORIES:



PVC filling tube dia 10 mm
REF [168TA6955](#)



Flow indicator
REF [168TA6943](#)



Link female (to fill the batteries with automatic filling system)
REF [168TA6944](#)



Filling gun - not acid proof (to fill the batteries without automatic filling system)
REF [138TA3953](#)

DEMINERALIZED WATER



REF [139TA3478](#) - 5 l
REF [166TA5548](#) - 25 l
REF [166TA5550](#) - 1000 l

BATTERY FILLER UNIT



- Mobile water filling system with 60 l barrel + gun
- Battery 12 V, 6,5 Ah

REF [106TA8976](#)