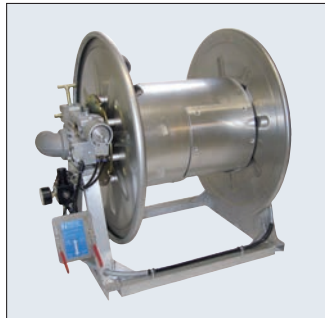


We are one of the leading manufacturers of special fittings and electronic devices for mineral oil trucks and petrol stations.

HOSE REELS

→ We supply hose reels made of aluminium in different designs and sizes. They are driven pneumatically, hydraulically, with a chain wheel and hand crank or by a coil spring. They are used in all types of oil-, liquid gas petroleum (LPG), fire engines and aircraft refueling road tankers. For chemical products we supply stainless steel swivel joints.



- DN40 up to DN80
- operating pressure, depends on the type up to 40 bar
- width X from 66 up to 1600 mm
- side plate or spoked side plate diameter Y from 430 up to 2200 mm
- drum plate diameter Z from 270 up to 600 mm
- with optional locking device, brake

TANK TRUCK FITTINGS

→ We supply fittings for bottom loading, pneumatic and electronic overfill prevention, vapour recovery systems and accessories.



Bottom valves DN80, DN100, DN150, DN150–125 pneumatically actuated, in accordance with EN13316, EN13308 or EN16257, with optional SPD-System (EN15208), sequence control, or manual emergency opening, welded-in flanges available



Straight line valves DN80 or DN100, with square or TW-flange, with optional SPD-system



API-adapter and closing cap for API-adapter, in accordance with EN13083, with optional SPD-system (EN15208), hand lever, or pneumatically actuated, new version with pivot valve disc



Refueling adapter as a one-handed fitting, with or without a hand lever

TANK TRUCK FITTINGS

Excentric butterfly valve

DN80 and DN100 with
 hand lever or single-acting
 pneumatic drive



Pneumatic control units, emergency stop



Optical 5-wire-level sensors, electronic and
 pneumatic level sensors in
 accordance with EN13922,
 pneumatic high level
 sensors with test function,
 low level sensors for aircraft
 refueling



Manhole cover and man-
 hole cover with emergency
 pressure relief valve, with
 optional SPD-System,
 welded-in flanges, vent
 valves with or without
 sequence control, flame
 arrestors



Welded-in flange made of
 tank material or steel



Vapour recovery valves
 with optional interlock,
 over- and underpressure
 valve



Flame arrestors with
 different housing types,
 also DN80, vent valves



**Pressure balanced single-
 and double manifolds**
 DN100, in any combination,
 with different distances



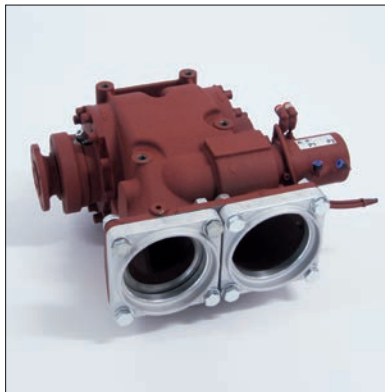
Pump filter DN80 available
 with a simultaneous
 reduction from DN100 to
 DN80, also available as
 EX version

Approval certificate from
 TÜV, PTB, IBExU, BAM, AIB-Vincotte (Belgium),
 RDW (Netherlands), APAVE (France),
 TDT (Poland), Rostechnadzor (Russia)

PUMPS

→ We supply vane pumps with various flow rates, additive pumps and diaphragm pumps for pump-back systems.

Vane pumps DN80 with various flow rates, with optional integrated crossover valve, bypass valve with overheating protection, for unloading with or without pump from the truck or trailer, volume control via the pneumatically controlled bypass valve, drive with cardan shaft or hydraulic motor



Additive pump for providing additives for petroleum products, for different TMUs



Diaphragm pump for pump-back systems



TANK TRUCK- AND STATIONS-ELECTRONIC

→ We supply amplifiers for overfill protection, cable reels with or without commutator ring (up to 4-fold), wet leg sensors, electronic overfill sensors, PIDs (product identification devices, TAGs) in accordance with EN14116, ASS filling hose supervision with or without deadman.



Test unit for testing and diagnostic for all electronic sensors according to EN13922



Wet leg sensor optical sensor using 2-wire technology, with replaceable 6 m cable



Optical limit indicator with integrated PID, automatic safety shutoff valve DN50/ DN80 for pipes, VK-couplers DN50/DN80/DN100, bearing tube quick release fastener



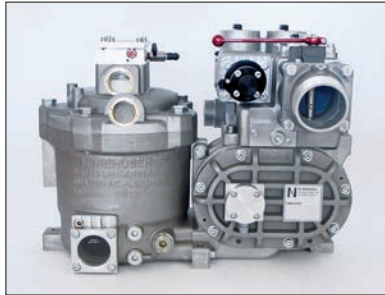
Test- and programming unit for all NI-PIDs (TAGs) in accordance with EN14116 for testing stations-/depot installation and optionally for programming PIDs



Cable reels with or without commutator ring (up to 4-fold), with optional pneumatic drive, earth bonding cable reels, amplifier for overfill protection, magnetic valves

NEW PRODUCTS

Metering system with gas
 extractor, oval gear meter
 and discharge valves



Oval gear meter DN80
 with pulser



Tank truck electronic
 with ASS hose supervision,
 overfill protection,
 COP Cross over prevention,
 SPD Seal parcel delivery



Venturi DN65, DN80,
 DN100, DN150,
 adjustable



API-adapter with pivot
 valve disc, extremely
 streamlined for gravity
 discharge



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THE COMPANY

→ H. Niehüser Armaturenbau und Vertriebs GmbH was founded by Hermann Niehüser in 1998.

We are a manufacturer of fittings for mineral oil-, liquid petroleum gas (LPG)-, aircraft refueling tank trucks and petrol stations, and over the years we have become a trusted partner in this industry.

We have been able to develop new and innovative products and consistently expand our product range through good and close cooperation with our customers.

Through constant cooperation with different licensing authorities such as TÜV, PTB, BAM, IBExU, AIB-Vincotte (Belgium), RDW (Netherlands), APAVE (France), TDT (Poland), Rostechndzorz (Russia) and their supervisors, as well as by the observance of different norms and quality standards, we can guarantee high standards of safety for all our products.

Thanks to our highly motivated and flexible employees and modern production facility, we are in the position to solve new problems quickly and efficiently.



We manufacture using state-of-the-art multi-axis machining centres. This enables us to carry out high-precision and variable manufacturing and so we are able to meet customer requests at short notice.

