

ALWID-KRONE-NV/HV

semi automatic filling machine

The ALWID-KRONE-NV/HV is a semi automatic filling machine that works with low vacuum (NV) or high vacuum (HV). These filling principles ensure the same filling height in each bottle.

Due to the vacuum, the filling speed of the ALWID-KRONE-NV/HV is higher than of a gravity filler. The machine is suited for low and high viscous, not carbonated liquids (e.g. vinegar, spirits, edible oils and viscous liqueurs).

Further machines can be found on our website www.alwid.de



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Special characteristics

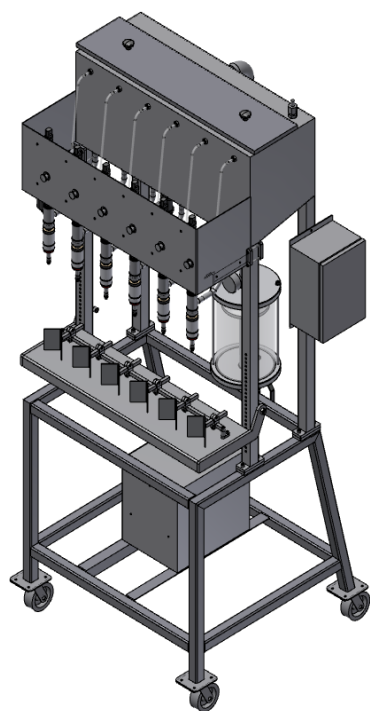
The ALWID-KRONE is a semi automatic filling machine. The operator places the bottles on the height-adjustable worktable manually and presses the START switch at each filling valve. That way, also single bottles can be filled.

It is possible, too, to combine several switches so that more than one filling valve is activated. After the START switch has been activated, the filling valve moves down and opens. The bottles are filled.

When the liquid level within the bottle has reached the tip of the filling valve, the filling stops. Now the START switch can be unlocked and the bottle can be removed. The vacuum prevents a dripping of remaining liquid. The ALWID-KRONE is suitable for several different liquids and bottle shapes and sizes without using any format parts. It only takes a short time to change to another size because the construction is solid and clearly designed.

The filling height can be directly adjusted at the filling valves so that there is no loss of liquid.

The machine is moveable.



Technical data

Number of filling stations:	1, 2, 4, 6, 8
Diameter of filling valve:	dependent on bottle mouth (min. Ø 2 mm)
Working height:	850 +/- 50 mm (or as required)
Machine made of:	stainless steel or plastic
Product touching parts made of:	stainless steel or plastic
Electrical connection:	230/400 V, 50 Hz, 3 phases + N + PE (also available in EX-version) or special
Pneumatic connection:	R 1/2" / 6 bar (no compressed air required for the mechanical version)

Range of application

The machine is suitable for filling with constant filling height in the bottles. Not carbonated liquids of low- up to high-viscosity can be filled (e.g. spirits or viscous liqueurs).

Diameter of bottles:	as required (the machine will be suitable for your requirements)
Height of bottles:	as required (the machine will be suitable for your requirements)
Material of bottles:	containers made of the usual materials
Shape of bottles:	different bottles
Liquid filled:	not sparkling liquids of low- up to high-viscosity or paste used in the food-, pharmaceutical or chemical industry

Possible filling methods in our delivery program

Constant filling height:	low vacuum (NV) for lowviscous liquids high acuum (HV) for lowand high-viscous liquids
Constant filling volume:	dosing filler (D) with pistons or pumps, inductive flowmeter (IDM)
Constant filling weight:	scales / weight (W) mass flowmeter (MDM)