

AWOS 01

ADT WASH OUT SYSTEM



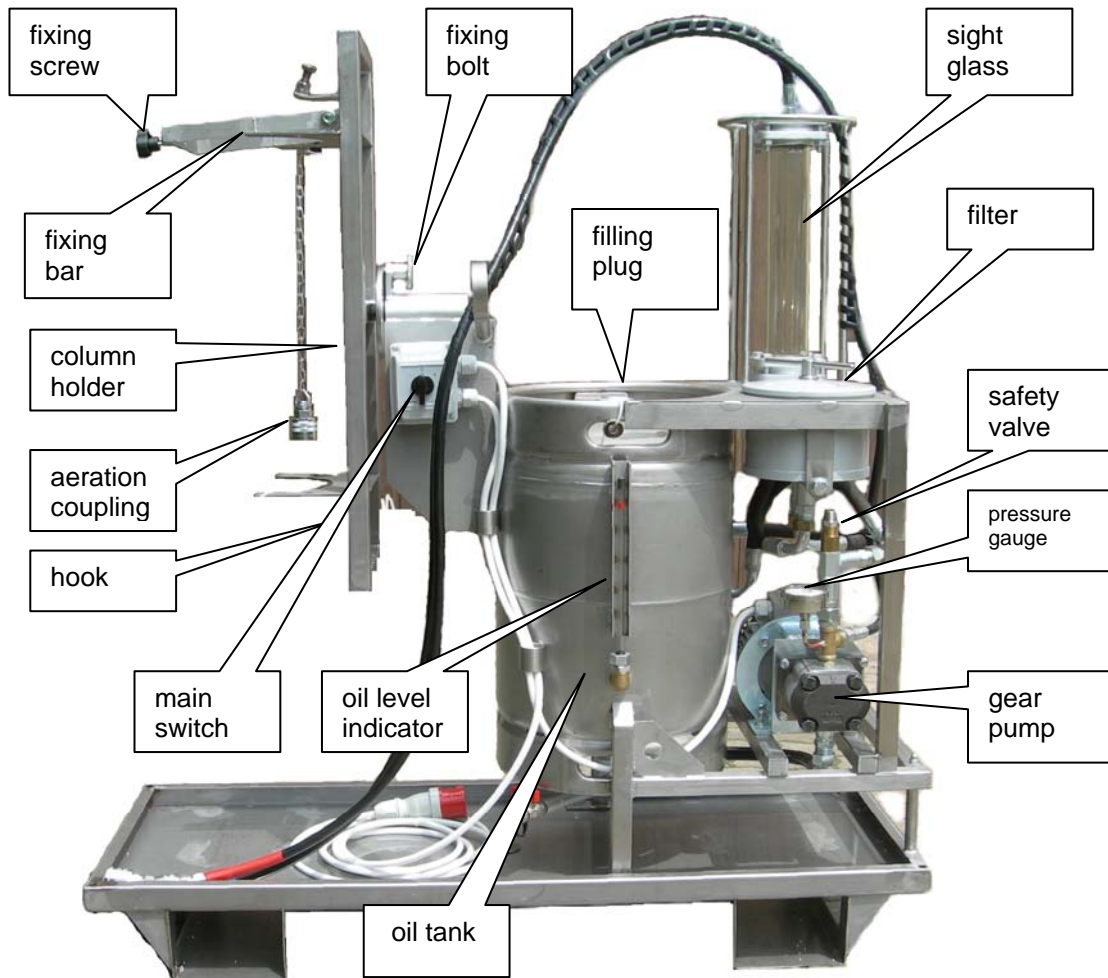
WASHOUT OF DUST FROM MOLECULAR SIEVE FILLINGS

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Any molecular sieve delivered in a drum always contains the dust. Its direct application will inevitably clog the dehydrator's output filters or, worse, contaminates the transformer's oil filling.

The AWOS radically minimizes this drawback via repeated washout of undesired particles and their deposition on the bulk-sized internal filter.



The column with a molecular sieve filling is fixed into a revolvable holder. Its upper and bottom part is connected to the washing system via two flexible hoses, enabling its 180 grad rotation of the column. The gear pump forces the washing oil from oil tank into the upper part of the column, and dust contaminated oil from its bottom flows via sight glass and bulk filter back into the oil tank.

The effectiveness of the washing process can be visually followed. If the oil's initial opaque color disappears, the gear pump is switched OFF; the column is 180 grad rotated, the pump is switched ON again. This process is repeated again and again until the oil remains clear.

Specification

Power supply voltage	3 phase 400 VAC (or on demand)
Power supply frequency	50 Hz (60 Hz)
Power consumption:	400W
Oil throughput	10 m ³ per day maximum
Outlet filtering grade	1 µm (or on demand)
Filtering capacity for washout	25 columns without replacement of internal filter cartridge
Installation options	permanently installed
Dry weight (without oil)	97,5 kg
Operating weight (oil filled)	145 kg, maximum
Dimensions	1250 x 500 x 1400 (mm)

For more details See please video: <https://youtu.be/Y9j1IYjZYlo>

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