

## RECYCLING OF COOLANT FOR TRUCKS AND BUSES

### REQUIREMENTS

Dealing with coolants is a real problem in truck workshops both in terms of handling and disposal. When repairing the cooling circuit of commercial vehicles - buses, trucks, agricultural machinery - the coolant usually has to be drained off. The coolant is almost always disposed of afterwards.

In view of the cost of fresh coolant and the considerable quantities needed in the commercial vehicle sector, this is particularly annoying if the coolant has only just been replaced and is still "fresh".

This is all the more true because the requirements for the purity and quality of coolants have increased considerably in recent years and due to new engine generations, and coolant should therefore not be wasted "just like that" for cost and environmental reasons.



Coolant recycling collector 1000 KW-FK. The filter (blue), pump (red) and return hose (orange, with silver hook for hooking into the filler neck for the coolant) are clearly visible.

### OUR SOLUTION

Our coolant recycling collectors bring decisive advantages to the user: After the simple collection of the coolant liquid, the collector allows for easy transport and intermediate storage of the liquid. With integrated filter technology and a reloading pump, the coolant is cleaned of solids during the unmanned backfilling process. A high proportion of the coolant can thus be reused, which, in addition to the tangible economic benefits, also means a reduction in the burden on the environment.

With the 1000 KW-FK collector, up to 90 litres of fresh coolant can be collected and recycled: The coolant is collected in the collector, temporarily stored and, after repair, filtered with 25 µm and pumped back into the vehicle's cooling system. In the process, a height difference of up to 4 m can be overcome and 70-80 litres of the coolant can be reused.

This is not only environmentally friendly and resource-saving, but also offers the opportunity to save considerable costs.:

- Instead of 90 litres of coolant, only 10-20 litres need to be refilled: This alone saves a good €250 per use.
- In addition, the manual filling of 90 litres of coolant takes some 20-25 minutes in practice; in contrast, when using the KW-FK collector, all that is needed is to hang the return hose in the filler neck for the coolant and press the switch. With the aid of a pump and a 25 µm fine filter, the coolant is filtered and pumped up to the filler neck; the actual filling is unmanned.

In plain language, this means that the collector pays for itself after 6-8 uses.

#### YOUR ADVANTAGES

- Easy draining of the coolant liquid.
- Optimum intermediate storage and easy transport even of the filled collector thanks to built-in slosh brake.
- Cleaning of the coolant with 25 µm fine filter.
- Controllable, unmanned filling via pump, up to 4 m high.
- Low height of the collector (21 cm) allows to easily drive the collector underneath the vehicle; alternatively, the collector can be used in the pit and adapted to (almost) any pit size.
- Environmental protection: No waste of expensive and environmentally harmful chemicals.
- Economic efficiency: Investment usually pays off after 6-8 uses.



Use of the KW-FK collector in the pit. Frame size can be adapted to any pit thanks to extendable rods and rollers.