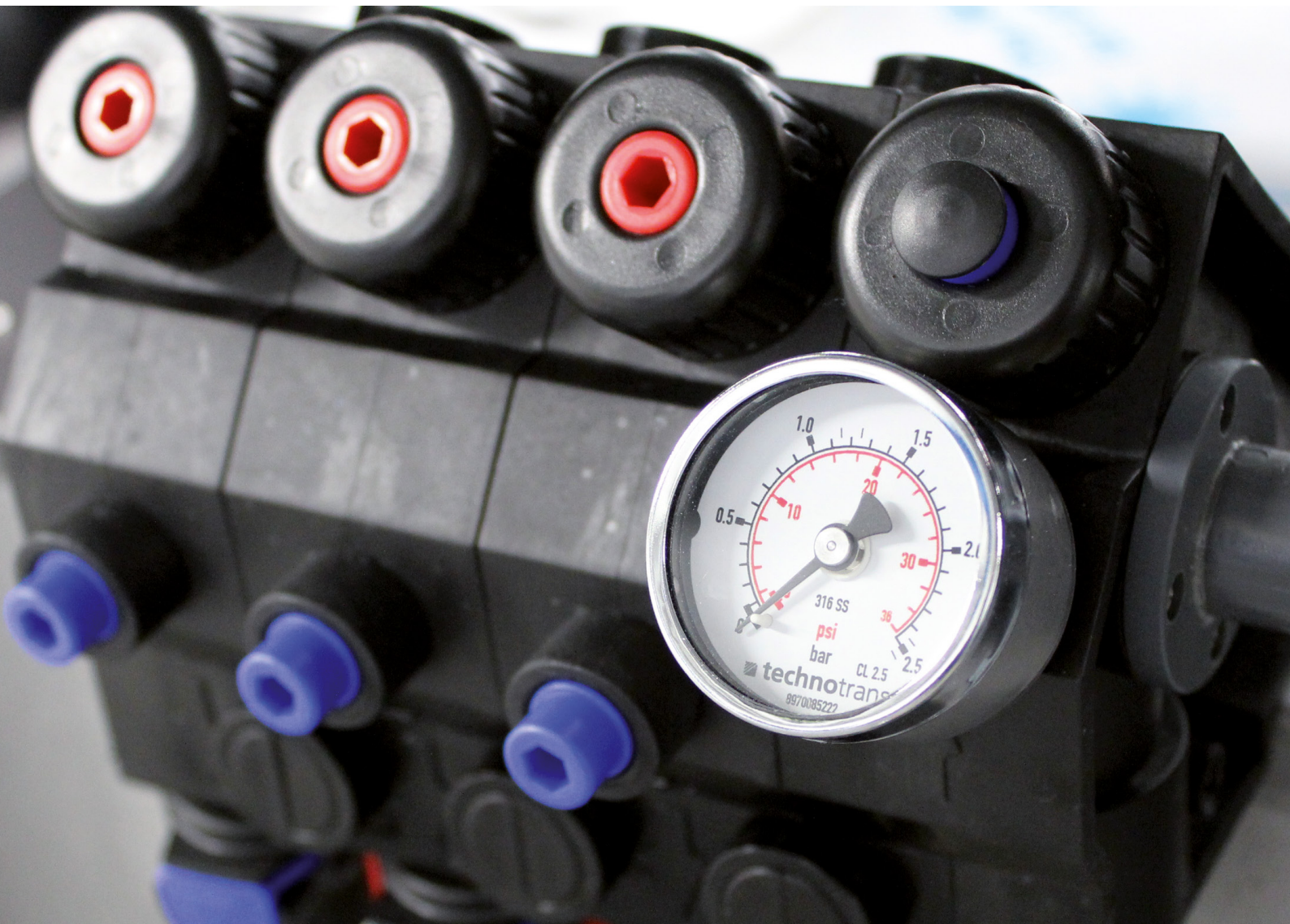


alpha.f

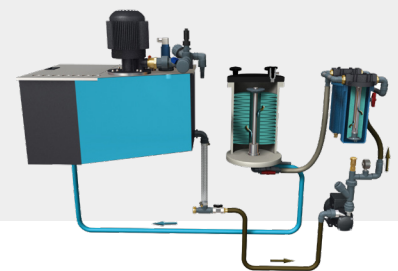
Dampening solution fine filtration



alpha.f

Advantages at a glance:

- Ideal for use with UV and spot colours
- Compact and user-friendly
- Longer dampening solution service life
- Reduced disposal costs
- Reduced consumables: ipa, additives and filters
- Integrated pressure sensor perpetually monitors the quality of the filter modules
- Safe and efficient



Bypass principle

Special tasks require special solutions

Two-stage filtration method

Extended replacement intervals

Increased system uptimes

Dampening solution fine filtration

Contemporary offset printing requires the optimum dampening solution filtration. Based on many years of experience in dampening solution circulation, technotrans first developed the beta.f, fine filtration for medium and large printing presses. alpha.f now offers this successful cleaning concept for small and medium format sheetfed offset printing presses.

The compact alpha.f relies on a two-step filtration method. The pre-filter system with its filter cartridges is used to thoroughly pre-clean the dampening solution and to relieve the strain on the main filter module. Intensive cleaning of the dampening solution is performed using a powerful deep-bed filter.

The condition of the filter modules is continuously monitored by integrated pressure sensors. The result of this continuous bypass cleaning process is perfectly decontaminated dampening solution and a clean system from the dampening solution tank to the dampening solution trays of the printing units.

The replacement intervals for the dampening solution are lengthened considerably by the alpha.f, if not rendered obsolete. Since the dampening solution system requires only minimal cleaning, the operating costs are drastically reduced while press availability is maximised. The alpha.f can optionally be equipped with an additional UV degerminating system.

Thanks to its easy bypass principle, the alpha.f is easy to retrofit at nearly all dampening solution units. The dampening solution circulation to the printing press remains unchanged. This ensures stable production conditions. Worldwide over 1,600 technotrans filtration units are in operation.

The beta.f, makes this successful cleaning concept also available for medium to large format sheetfed offset printing presses.