

ALLWEILER – weltweit präsent ALLWEILER – global presence

Werke in Deutschland
Plants in Germany

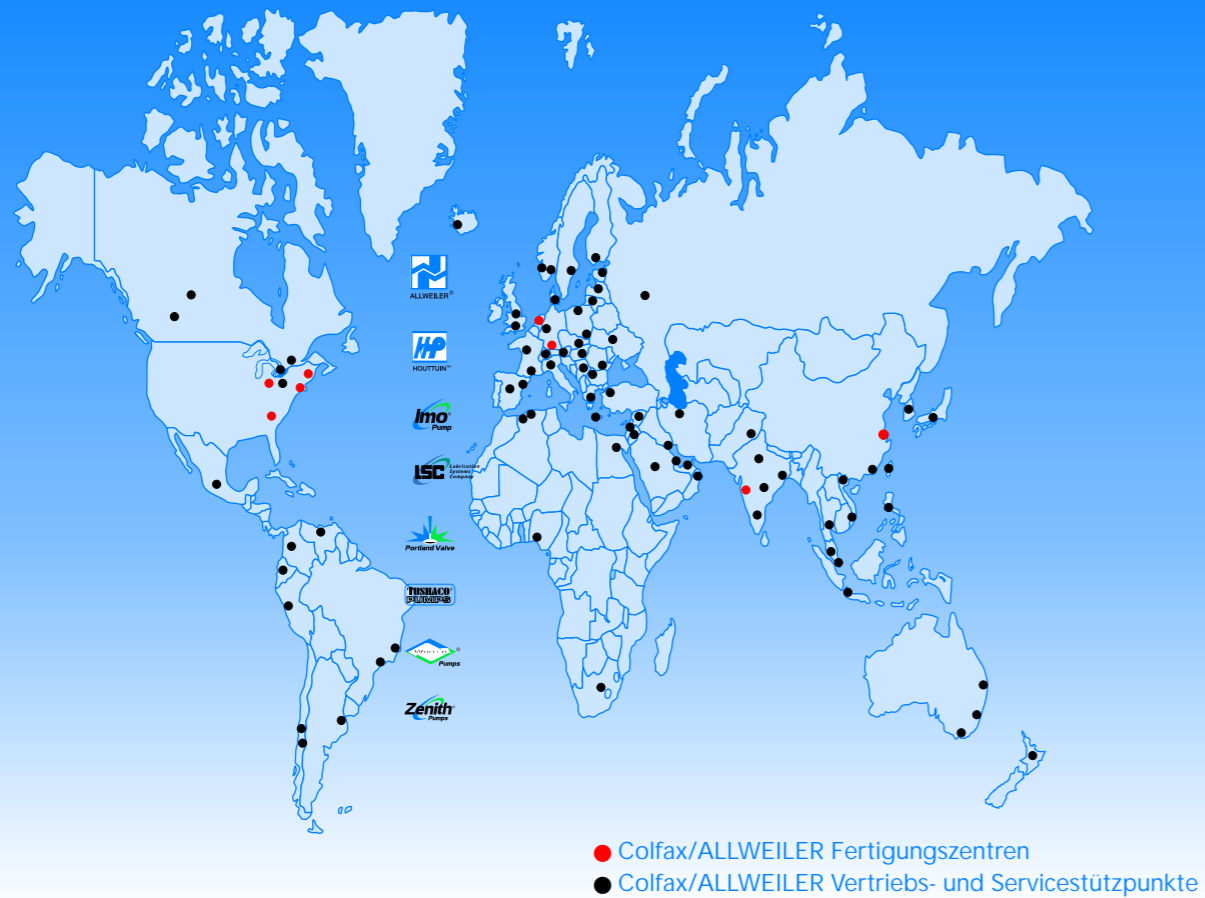
ALLWEILER AG
Schraubenspindelpumpen, Kreiselpumpen,
Zahnradpumpen, Propellerpumpen und Anlagen
Screw Pumps, Centrifugal Pumps, Gear Pumps,
Propeller Pumps and Systems

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Progressing Cavity Pumps, Peristaltic Pumps,
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Die Anschriften der ALLWEILER Vertretungen weltweit finden Sie unter <http://www.allweiler.com>.
The current addresses of ALLWEILER representatives are listed at <http://www.allweiler.com>.



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ALLWEILER 
A Colfax Business Unit

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ALLFUEL

ALLFUEL: Versatile, Compact and Safe

The new Three Screw Pump for moving oils and other lubricating liquids.
Up to 6 or 40 bar.

Our know-how is your benefit:

- Several variations for optimal adaptation
- The installed pump requires little space
- Easy to operate and therefore safe in operation
- Maintenance is completed quickly, lowering costs

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ALLFUEL: Simply Reliable.

Highly reliable single or double units; with or without filter; the flexibility of vertical or horizontal installation.

For oil firing, marine, tank farms and other industrial applications. Transfer pump up to 6 bar, injection pump up to 40 bar.

The ALLFUEL product family is ideally suited to the requirements of pumping lubricating liquids.

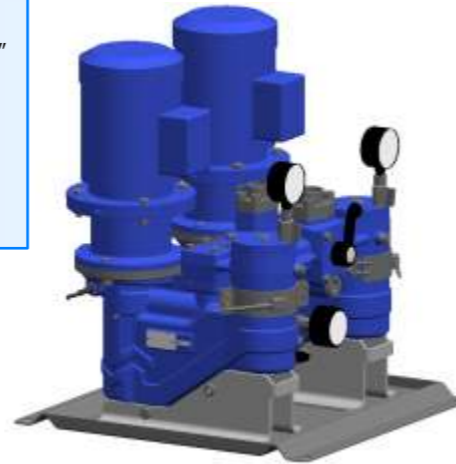
A variety of construction types, installation variations, and material combinations make them universally suited for use as:

- ▶ transfer and closed-loop pumps as well as booster and burner pumps in oil-fired systems,
- ▶ feeder and circulation pumps for fuels and lubricants in Marine environments,
- ▶ feeder and filling pumps in tank systems,
- ▶ transfer pumps for all lubricating liquids in industrial environments,
- ▶ lube-oil pumps for gearboxes, motors, and hydraulic systems.

ALLFUEL: Two versions:

"T": Low-pressure "Transfer" pumps up to 6 bar.

"I": "Injection" pumps for medium pressure up to 40 bar.



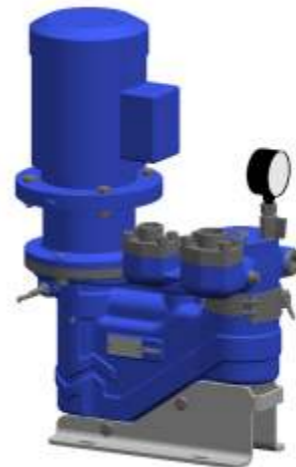
AFT-T
AFI-T

Twin unit provides extremely high security

Innovative design for real situations

Twin unit contains central ball valve and definitive valve positions for safe and reliable switching.

Innovative design causes the liquid to flow from inside the filter to outside. Dirt and metal chips remain in the filter and cannot get into the pump casing. The filter can be removed for cleaning without draining the liquid.



AFT-F
AFI-F

Filter maximizes service life

Reliable protection from leaks

As environmental protection regulations become more stringent, innovative solutions are essential.

The standard leak needed to operate a mechanical seal without problems is often no longer permitted.

ALLWEILER is the only manufacturer to address this situation with a comprehensive sealing concept:

- ▶ from straightforward mechanical seals to the
- ▶ ALLSEAL leak collection and detection system to
- ▶ hermetically sealed magnetic couplings.



AFT
AFI

The flexibility of vertical or horizontal installation

Your benefits:

- ▶ No-interrupt maintenance
- Twin units allow operation to continue while the other pump is removed or serviced.

Your benefits:

- ▶ Insensitive to temperature
- Optional heating permits safe starting even when the ambient temperature is low.

Your benefits:

- ▶ Optimized control
- The vacuum gauge provides continuous information about the filter condition.

Your benefits:

- ▶ Rapid maintenance
- Vertical filter installation enables filter replacement without draining oil.

Your benefits:

- ▶ Long service life and reliable
- Liquid flow through the filter is "inside out". In addition, a magnet in the floor of the filter conveniently collects dirt and metal chips.

Your benefits:

- ▶ Good suction performance
- Large filter surfaces ensure very good suction performance and extended maintenance intervals.

Your benefits:

- ▶ Low-noise operation
- Specially-shaped thread flanks provide low-noise performance with virtually no pulsation.

Maximum performance data

	AFI-T/-F	AFI	AFT-T/-F	AFT	
Q	112	112	108	108	l/min
t	150	150	150	150	°C
p _s	5	5	5	5	bar
p _d	40	40	6	6	bar
v	3-750	3-750	3-380	3-380	mm ² /s

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