



Filters that last long...





**YOUR TRUSTED PARTNER  
FOR  
*CRYSTAL CLEAR OIL***

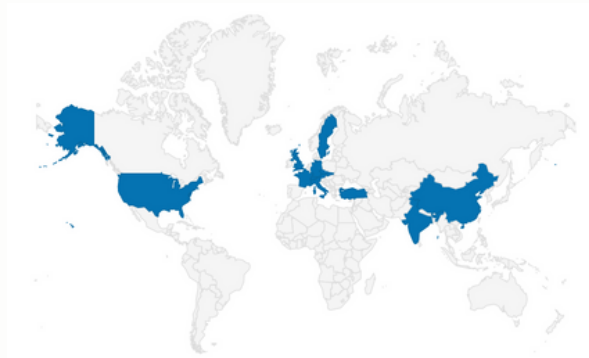
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# TRANSOR

## FILTRATION

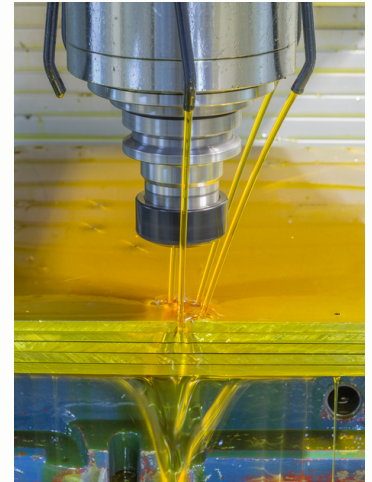
All **TRANSOR** systems are fully automatic back flushable (self-cleaning) filter units. Contaminations of even less than 3 um in coolants (grinding oils) are captured on the surface of the filter elements. Unlike other systems no consumable filter media is utilized. The self-cleaning (backflushing) of the filters is initiated by reverse flow fully automatic. The removed material (sludge) is discharged by various methods either manually but mostly automatically

Based on more than 30 years of experience Transor consequently develops it's technology even further.

## TRANSOR

### FILTERS THAT LAST LONG

There are various element types for various applications available to micro filtrate coolants (grinding oils) for different working operations.



High precision machining requires highest filtration efficiency of coolants. Micro filtrated coolants contribute considerably to better surface finish, finer tolerances, less wear and tear and less maintenance.

The **TRANSOR** filter systems safeguard the reliable supply of micro clean and temperature controlled oil to the machines in various applications.

## WHY

# TRANSOR INDIA

- Competence since 2015
- Global presence
- Conception, planning, installation, service.
- One stop solution
- Innovative filter concepts for toolmaking, tooling and mold making, in the automotive, aerospace, mechanical engineering and electronic sectors

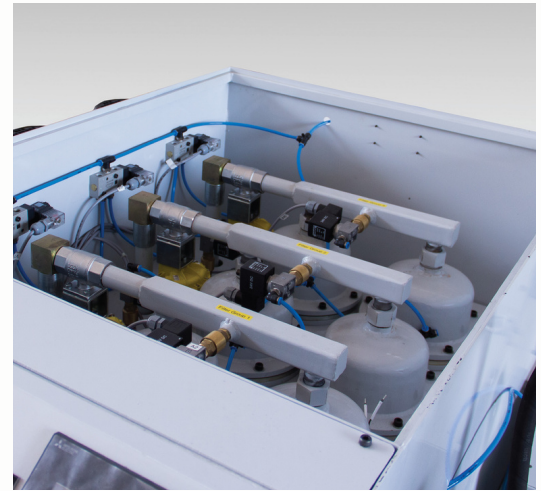


# TRANSOR

## DESIGN & CONSTRUCTION

The modular construction, a big clean oil storage capacity and a short self-cleaning cycle enable uninterrupted, continuous and reliable supply of coolant to the connected machines with micro-filtrated and temperature controlled oil.

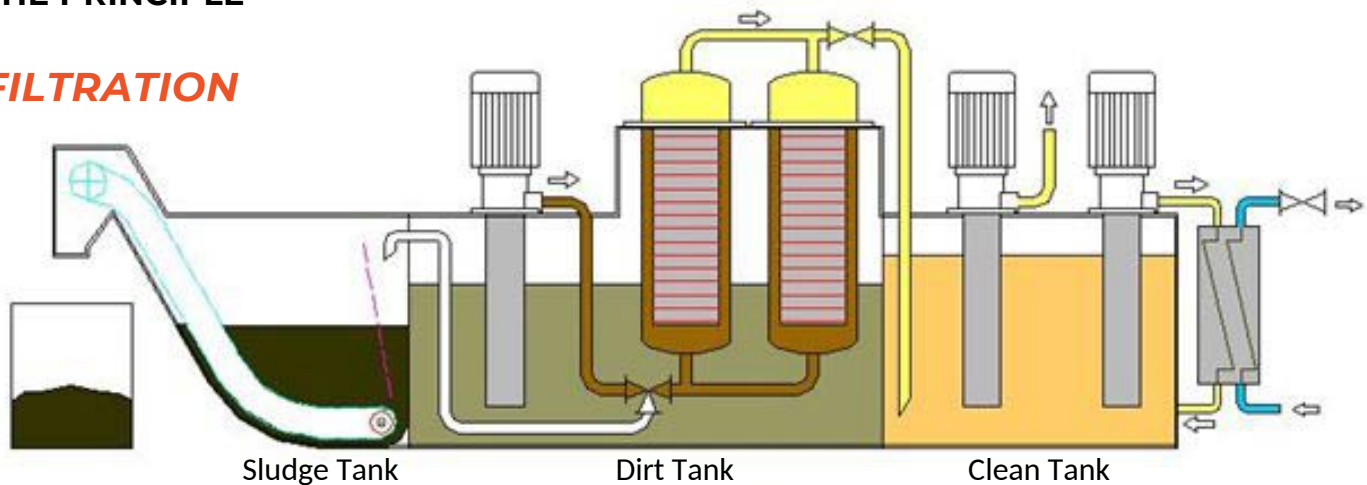
Compact elements and systems are designed for the specific applications and work without consumables. Filtration efficiencies of less than 3µm achieve life time cycles of several years. These advantages result in minimized maintenance and handling costs. The low pressure filtration enables high flow rates on a small foot print area.



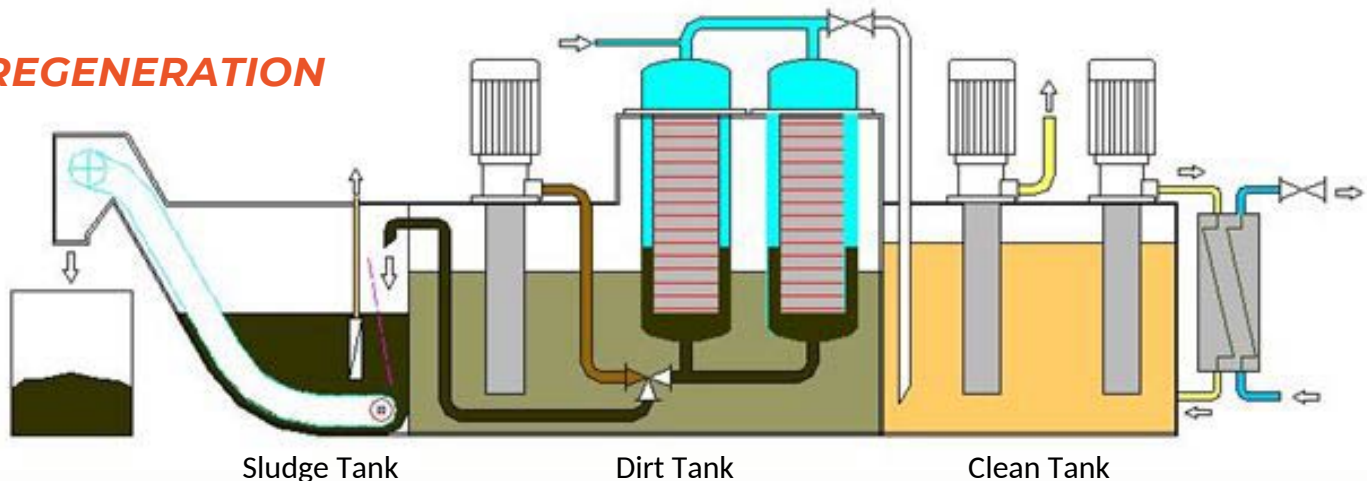
# TRANSOR

## THE PRINCIPLE

### FILTRATION



### REGENERATION





# APPLICATIONS

We provide **OIL FILTRATION** solutions for the following applications



HSS GRINDING



CARBIDE GRINDING



EDM



HONING



LAPPING

# SINGLE MACHINE SYSTEMS

For the various machines there are standardized systems available with capacities ranging from 50 to 300 LPM. These filters are compatible with all common (grinding) machines. Sludge treatment and drag out optionally is achieved automatically.

Especially for the modification of existing filter units we offer a vacuum sedimentation unit for standard barrels, eliminating the necessity for additional handling.

Transor Systems compatible with the following CNC Tool & Cutter Grinding Manufacturers:



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Top Notch & maintenance free systems.

R.K.T Cutting Tools

**ENQUIRE Now!**





# CENTRALIZED SYSTEMS

For complete and complex machine parks Transor offers individually designed centralized systems with capacities above 300LPM and more.

Submerged or semi-submerged floor space saving constructions including the complete piping as "turnkey" complete our scope of capabilities.

Transor Systems compatible with the following CNC Tool & Cutter Grinding Manufacturers:



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The best filtration systems in industry.

- Aztech precision

**ENQUIRE Now!**





# TRANSOR ACCESSORIES



## LIFTING TANK

If dirty oil is unable to accumulate in the dirty compartment of the Transor Filter by gravity, then this lifting tank helps.

It is customized and will be available as required

## OIL CHILLER

Cutting tool manufacturers keenly look for temperature conditioning of oil. Stand alone oil chiller will take care of it.

Available in wide range of capacities as per requirements

Mutual interfacing of the Transor Filter and Chiller unit makes the overall filtration system more versatile.



## MAGNETIC SEPARATOR

A pre-filter which will trap the ferrous dirt and separate out at the first stage of filtration itself. It tends to ease the load of fine Transor Filter.

Customized design

Available in multiple sizes and MOCs

## HEAT EXCHANGER

Compact design and no power consumption makes Plate Heat Exchanger more user friendly.



## DRAW CONVEYER

Dirt filtered by the Transor Filter is contained by this drag conveyor and scraped it off.

Fully automatic

Customized design as per requirement



# AN INVESTMENT FOR A *CLEAN ENVIRONMENT*

## OUR PARTNERS WORLDWIDE

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## OUR CUSTOMERS



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