



Where production processes that require cleaning or deoiling, we are the **right** choice.

Recycling instead of high disposal costs as well as cost reductions through more effective cleaning.

**Trenntechnik & Anlagenbau GmbH**

## Cooling Lubricant Preparation (Centrifugal System)

### The Problem :



*With modern, highly productive processing machines, down times give rise to enormous costs.*

*The fine abrasion (sludge) created by mechanical machining leads to high tool wear.*

*Renewal of the cooling lubricants is unavoidable.*

### Our Solution :

- ★ Centrifuges guarantee the optimal state of the cooling lubricant.
- ★ Separation of oil and solid material from the emulsion with the 3-phase centrifuge.
- ★ Separation of solid material from the cooling lubricant with the 2-phase centrifuge.
- ★ The solid material dried at maximum speed (patented) can be disposed of with the swarf- avoidance of special waste.
- ★ These centrifuges can be optionally equipped with suction units in order additionally to suck the cooling lubricant from the tank of the processing machine and to clean the tank.



### Our Advantages :

- ★ No filter required
- ★ Remove up to particle size of 3 µm
- ★ No staging needed for the used coolant

We reserve the right to make technical changes.



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200Z



300RT/VAC  
with suction unit



400RT in  
combination with filter unit

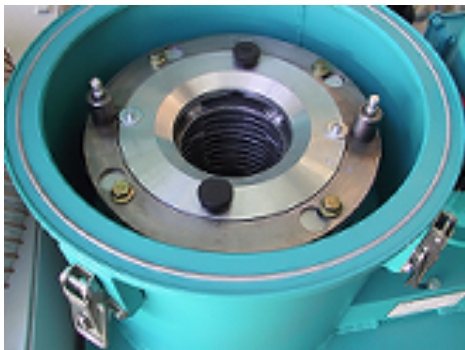
### Tornado Series 200 / 300 / 400

Tornado	200 Z	200 RT	200 TRT	300 RT	300 TRT	400 RT	400 TRT
Drive power kW	2.2	2.2	2.2	3	3	4	4
Rotor Speed rpm	3000	3900/4300	3900/4300	3000/3500	3000/3500	2500/3000	2500/3000
Solid material volume dm <sup>3</sup>	4	4	4	8	8	12	12
Separation factor g	980	1700/2070	1700/2070	1500/2050	1500/2050	1400/2010	1400/2010
Throughput ltr./min	60	60	10-15	120	15-20	150	15-20

**RT = 2-phase separation TRT = 3-phase separation**

**All centrifuges can be supplied with suction unit and feed tank.**

**Please contact us for customized solutions.**



*The drum lid fastening developed and patented by T&A guarantees maximum work safety.*

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