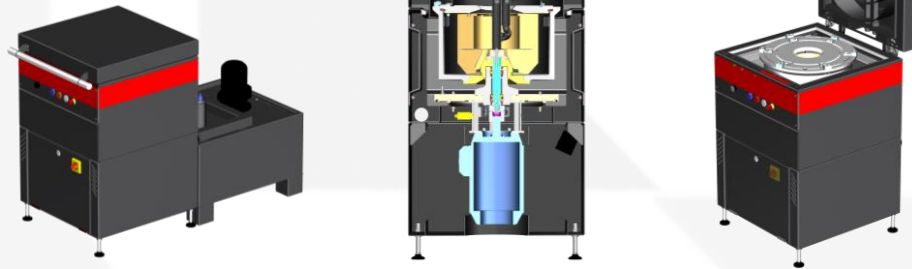




# Turbo-Coolant Cleaning Centrifuge NGU-200

Suitable for separating particles from all sorts of industrial fluids in the tool and automotive industry



Technical Information	
flowrate	1 to 120 LPM oil 1 to 140 LPM emulsion
medium	oil and emulsion
pH	6.5 until 9.5 / 6.5 until 10.0
medium temperature	max. 60° C
ambient temperature	max. 42° C
quality of cleanliness	down to 3 µm possible
material housing	steel or stainless steel
material rotor	aluminium / aluminium anodized
rotor capacity	22 dm <sup>3</sup>
sludge volume	8 to 10 kg
type of cleaning	2 phase
rotor speed	3000 RPM
separating factor	1930 g
noise emission	< 72 dBa
drive	direct drive (frequency controlled)
drive power	3 kW
solids discharge	manual
liquid return	under pressure
inlet	175 mm
dimension	> 650 x 710 x 1020 mm
options	projectspecific



possible configurations of cleaning systems



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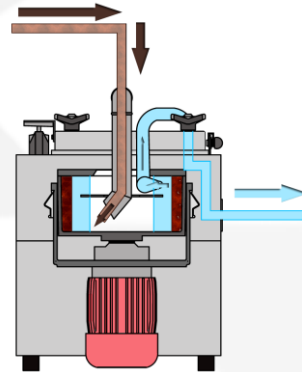
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# Turbo-Centrifuge MZF-T06

Suitable for separating particles from all sorts of industrial fluids.



Technical Information	
Flowrate	1 to 20 LPM Oil 1 to 30 LPM Emulsion
Medium	Oil and Emulsion
PH	6.5 until 9.5 / 6.5 until 10.0
Temperature	60° C
Quality of cleanliness	Down to 1 µm
Material Housing	Steel / Stainless Steel
Material Rotor	Aluminium / Aluminium anodized
Rotor capacity	5.2 dm <sup>3</sup>
Sludge Volume	2 to 3 kg
Type of cleaning	2 phase
Rotor Speed	50 Hz = 2850 RPM 60 Hz = 3400 RPM
Separating Factor	900 g to 1180 g (1 g = gravity acceleration)
Noise emission	< 70 dBa
Drive	Directdrive
Drive Power	0.7 kW
Solids discharge	Manuell
Liquid return	In free descent
Controlpanel	Including
Inlet	> 585 mm
Dimension	> 640 x 450 x 585 mm
Weight	> 75 kg
Options	Clean Liquid Tank Pumps Chiller



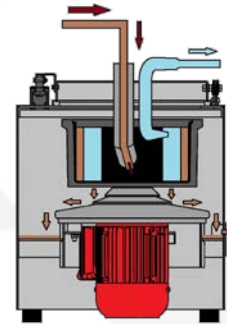
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# Turbo-Centrifuge MZF-T07

Suitable for separating particles from all sorts of industrial fluids



Technical Information	
Flowrate	1 to 20 LPM Oil 1 to 30 LPM Emulsion
Medium	Oil and Emulsion
PH	6.5 until 9.5 / 6.5 until 10.0
Temperature	60° C
Quality of cleanliness	Down to 1 micron
Material Housing	Steel / Stainless Steel
Material Rotor	Aluminium / Aluminium anodized
Rotor capacity	5.2 dm <sup>3</sup>
Sludge Volume	2 to 3 kg
Type of cleaning	2 phase
Rotor Speed	50 Hz = 2850 RPM 60 Hz = 3400 RPM
Separating Factor	900 g to 1180 g (1 g = gravity acceleration)
Noise emission	< 70 dBa
Drive	Directdrive
Drive Power	0.8 kW
Solids discharge	Manuell
Liquid return	Under pressure
Controlpanel	Including
Inlet	> 585 mm
Dimension	> 640 x 450 x 585 mm
Weight	> 75 kg
Options	Clean Liquid Tank Pumps Chiller

!!!New with drum drain!!!

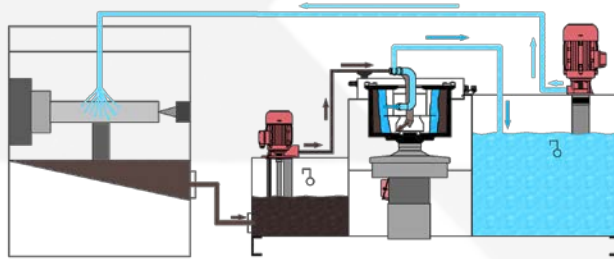
(which means waste disposal of dry sludge)





# Turbo-Coolant Cleaning Plant MZF-T10

Suitable for separating particles from all sorts of industrial fluids  
in the tool and automotive industry



Technical Information	
Flowrate	1 to 80 LPM Oil 1 to 100 LPM Emulsion
Medium	Oil and Emulsion
PH	6.5 until 9.5 / 6.5 until 10.0 / 4.0 until 14.0
Temperature	60° C
Quality of cleanliness	Down to 1 µm possible
Material Housing	Steel or Stainless Steel
Material Rotor	Aluminium / Aluminium anodized / Stainless Steel
Rotor capacity	9 dm3
Sludge Volume	3 bis 5 kg
Type of cleaning	2 phase
Rotor Speed	50 Hz = 2850 RPM 60 Hz = 3400 RPM
Separating Factor	900 g to 1320 g (1 g = gravity acceleration)
Noise emission	< 72 dBa
Drive	Directdrive
Drive Power	2 kW
Solids discharge	Manuell
Liquid return	In free descent / Under pressure
Controlpanel	Including
Inlet	175 mm
Dimension	> 515 x 710 x 980 mm
Weight	> 270 kg
Options	Inlet Tank (dirty liquid) Clean Liquid Tank Pumps Chiller / Heating System / Aircleaner Magnetic Prefilter

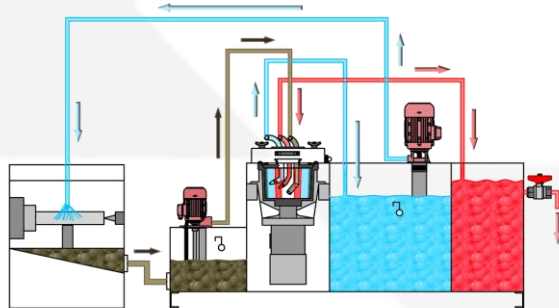


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# Turbo-Coolant Cleaning Plant MZF-T10-3Ph

Suitable for separating particles and tramp oil from all sorts of industrial fluids in the tool and automotive industry



Technical Information	
Flowrate	3 to 6 LPM
Medium	Emulsion or spezial liquid
PH	6.5 until 9.5 / 6.5 until 10.0 / 4.0 until 14.0
Temperature	60° C
Quality of cleanliness	Down to 1 µm possible
Material Housing	Steel or Stainless Steel
Material Rotor	Aluminium / Aluminium anodized / Stainless Steel
Rotor capacity	9 dm3
Sludge Volume	3 bis 5 kg
Type of cleaning	3 phase
Rotor Speed	50 Hz = 2850 RPM 60 Hz = 3400 RPM
Separating Factor	900 g to 1320 g (1 g = gravity acceleration)
Noise emission	< 72 dBa
Drive	Directdrive
Drive Power	2 kW
Solids discharge	Manuell
Liquid return	Under pressure
Controlpanel	Including
Inlet	175 mm
Dimension	> 515 x 710 x 980 mm
Weight	> 270 kg
Options	Inlet Tank (dirty liquid) Clean Liquid Tank Pumps Chiller / Heating System / Aircleaner Magnetic Prefilter

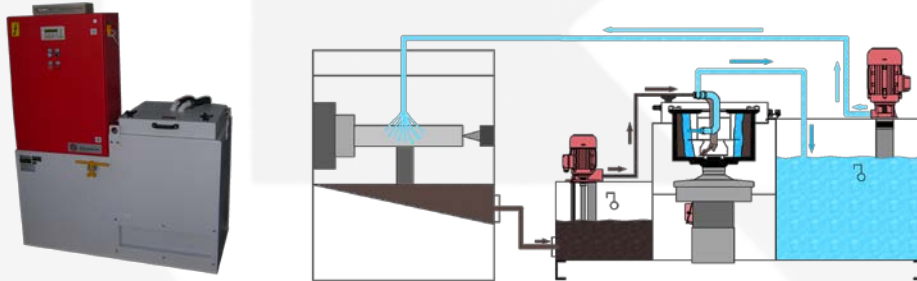


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# Turbo-Coolant Cleaning Plant MZF-T22

Suitable for separating particles from all sorts of industrial fluids in the tool and automotive industry



Technical Information	
Flowrate	1 to 120 LPM Oil 1 to 140 LPM Emulsion
Medium	Oil and Emulsion
PH	6.5 until 9.5 / 6.5 until 10.0
Temperature	60° C
Quality of cleanliness	Down to 1 µm possible
Material Housing	Steel or Stainless Steel
Material Rotor	Aluminium / Aluminium anodized
Rotor capacity	22 dm3
Sludge Volume	8 bis 10 kg
Type of cleaning	2 phase
Rotor Speed	3000 RPM
Separating Factor	1930 g (1 g = gravity acceleration)
Noise emission	< 72 dBa
Drive	Directdrive (Frequency controlled)
Drive Power	3 kW
Solids discharge	Manuell
Liquid return	Under pressure
Controlpanel	Including
Inlet	175 mm
Dimension	> 630 x 710 x 980 mm
Weight	> 270 kg
Options	Inlet Tank (dirty liquid) Clean Liquid Tank Pumps Chiller / Heating System / Aircleaner Magnetic Prefilter



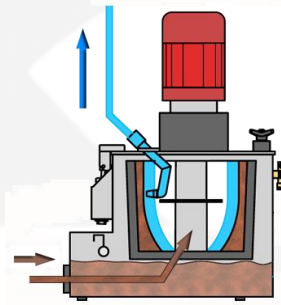
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# Turbo-Centrifuge MZF-T14

Suitable for separating particles and tramp oil from all sorts of industrial fluids



Technical Information	
Flowrate	1 to 150 LPM
Medium	Oil and Emulsion
PH	6.5 until 9.5 / 6.5 until 10.0 / 4.0 until 14.0
Temperature	60° C / 90° C
Quality of cleanliness	Down to 1 µm possible
Material Housing	Steel or Stainless Steel
Material Rotor	Aluminium / Aluminium anodized / Stainless Steel
Rotor capacity	14 dm <sup>3</sup>
Sludge Volume	6 bis 10 kg
Type of cleaning	2 phase or 3 phase
Rotor Speed	2850 RPM to 3400 RPM
Separating Factor	1440 g to 2480 g (1 g = gravity acceleration)
Noise emission	< 75 dBa
Drive	Directdrive (Frequency controlled)
Drive Power	4.0 kW + 6 kW
Solids discharge	Manuell
Liquid return	Under pressure
Controlpanel	Including
Inlet	85 mm (self priming)
Dimension	> 550 x 680 x 880 mm
Weight	> 200 kg
Options	Inlet Tank (dirty liquid) Clean Liquid Tank Pumps Chiller / Heating System / Aircleaner Magnetic Prefilter



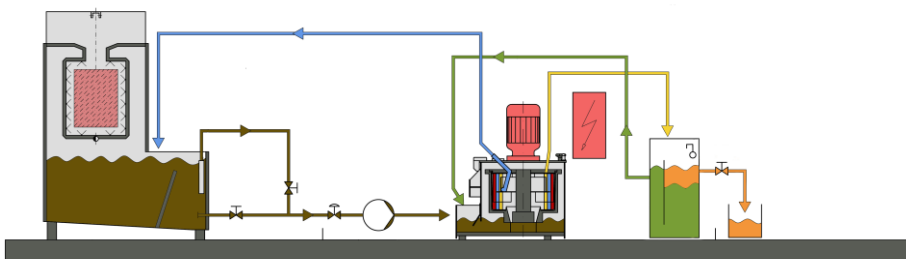


# Turbo-Centrifuge MZF-T14-3

Suitable for separating particles and tramp oil from all sorts of industrial fluids



Technical Information	
Flowrate	1 to 15 LPM
Emulsion or spezial liquid	Emulsion or spezial liquid
PH	6.5 until 9.5 / 6.5 until 10.0 / 4.0 until 14.0
Temperature	60° C / 90° C
Quality of cleanliness	Down to 1 µm possible
Material Housing	Steel or Stainless Steel
Material Rotor	Aluminium / Aluminium anodized / Stainless Steel
Rotor capacity	14 dm3
Sludge Volume	6 bis 10 kg
Type of cleaning	3 phase
Rotor Speed	2850 RPM to 3400 RPM
Separating Factor	1440 g to 2480 g (1 g = gravity acceleration)
Noise emission	< 75 dBa
Drive	Directdrive (Frequency controlled)
Drive Power	4.0 kW t 6 kW
Solids discharge	Manuell
Liquid return	Under pressure
Controlpanel	Including
Inlet	85 mm (self priming)
Dimension	> 1200 x 800 x 1400 mm
Weight	> 450 kg
Options	Inlet Tank (dirty liquid) Clean Liquid Tank Pumps Chiller / Heating System / Aircleaner Magnetic Prefilter



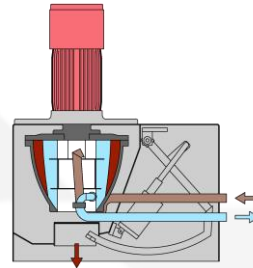




# Turbo-Centrifuge AZF-T15

Automatic discharge

Automatic Cleaning coolants and other Liquids without Filter media



Technical Information	
Flowrate	1 to 80 LPM
Medium	Oil and Emulsion
PH	6.5 until 9.5 / 6.5 until 10.0 / 4.0 until 14.0
Temperature	60° C
Quality of cleanliness	Down to 1 µm possible
Material Housing	Steel / Stainless Steel
Material Rotor	Aluminium / Aluminium anodized / Stainless Steel
Rotor capacity	15 dm <sup>3</sup>
Sludge Volume	5 kg / hour
Type of cleaning	2 phase
Rotor Speed	3000 UPM
Separating Factor	1550 g (1 g = gravity acceleration)
Noise emission	< 78 dBa
Drive	Directdrive (Frequency controlled)
Drive Power	3 kW
Solids discharge	Automatically
Liquid return	Under pressure
Controlpanel	Including
Inlet	Feed Pump needed
Dimension	> 870 x 820 x 870 mm
Weight	> 180 kg
Options	Inlet Tank (dirty liquid) Clean Liquid Tank Pumps Chiller / Heating System / Aircleaner Magnetic Prefilter



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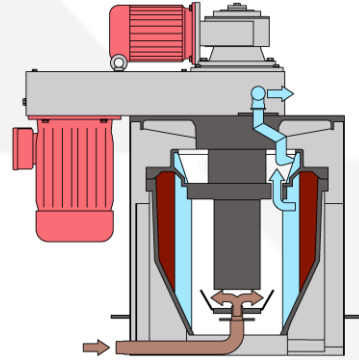
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# Turbo-Centrifuge AZF-T40

Automatic discharge

Suitable for separating particles from all sorts of industrial fluids



Technical Information	
Flowrate	1 to max. 200 LPM
Medium	Oil and Emulsion
PH	6.5 until 9.5 / 6.5 until 10.0 / 4.0 until 14.0
Temperature	60° C / 90° C
Quality of cleanliness	Down to 1 µm possible
Material Housing	Steel / Stainless Steel
Material Rotor	Aluminium / Aluminium anodized / Stainless Steel
Rotor capacity	40 dm3
Sludge Volume	< 30 kg / hour
Type of cleaning	2 phase or 3 phase
Rotor Speed	2150 RPM to 2400 RPM
Separating Factor	1300 to 1630 g (1 g = gravity acceleration)
Noise emission	< 80 dBa
Drive	Belt Drive (Frequency controlled)
Drive Power	7.5 kW
Solids discharge	Automatically
Liquid return	Under pressure
Controlpanel	Including
Inlet	Need a Feedpump
Dimension	> 1200 x 1200 x 2650 mm
Weight	> 620 kg
Options	Inlet (dirty liquid) Tank Clean liquid Tank Pumps Chiller / Heating System / Aircleaner Magnetic Prefilter



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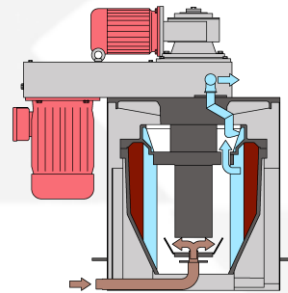
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# Turbo-Centrifuge AZF-T60

Automatic discharge

Suitable for separating particles from all sorts of industrial fluids



Technical Information	
Flowrate	1 to 300 LPM
Medium	Oil and Emulsion
PH	Standard from 6.5 to 9.5
Temperature	60° C / 90° C
Quality of cleanliness	Down to 1 µm possible
Material Housing	Steel / Stainless Steel
Material Rotor	Alu / Alu elox.
Rotor capacity	55 dm3
Sludge Volume	< 30 kg / hour
Type of cleaning	2 phase
Rotor Speed	2150 RPM to 2400 RPM
Separating Factor	1300 to 1630 g (1 g = gravity acceleration)
Noise emission	< 75 dBa possible
Drive	Belt Drive (Frequency controlled)
Drive Power	9.2 to 11 kW
Solids discharge	Automatically
Liquid return	Under pressure
Controlpanel	Including
Inlet	Need a Feedpump
Dimension	> 800 x 1200 x 1300 mm
Weight	> 650 kg
Options	Inlet (dirty liquid) Tank Clean Liquid Tank Pumps Chiller / Heating System / Aircleaner Magnetic Prefilter

