

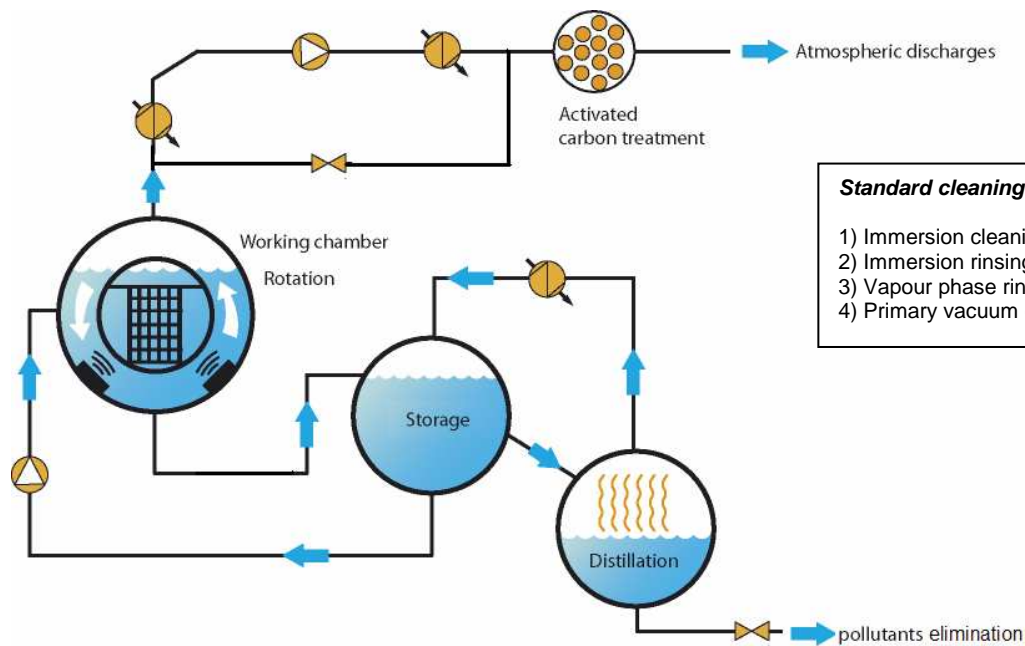
## MACHINE FILE - UDF

This is a precision cleaning process utilising fluorinated solvents (replacements for 141b) in a sealed tank which complies with all environmental legislation and operator health and safety standards.

### Applications :

Removal of oil, grease, particles, polishing contamination, silicon, moulding products ...  
Elimination of particle contamination in a white room environment

### Principal of operation :



UDF 30 machine with manual loading

## TECHNICAL FILE - UDF

### **Machine characteristics :**

	<b>UDF 15</b>	<b>UDF 30</b>	<b>UDF 60</b>
Working tank volume (litres)	25	40	80
Basket dimensions (mm)	250 x 200 x 125 mm	350 x 250 x 175 mm	450 x 300 x 200 mm
Machine dimensions * (mm)	1000 x 1000 x 2100 mm	2000 x 1000 x 2100 mm	3000 x 2000 x 2100 mm
Maximum charge load (kg)	30	50	80
Maximum solvent volume (litres)	50	105	160
Cycle time (cycles/hour)	4-6	6-8	6-8
Distillation power rating (kW)	2	4	6
Overall power rating (kW)	3	6	7,5

\* excluding conveyor and electrical cabinet

### **Standard equipment :**

Electrical heating, temperature control with digital display  
 Tank construction – stainless steel (AISI 316 L), deburred after welding, mounting tray  
 Machine frame – profiled semi-hardened steel, anti-rust paint colour: grey (RAL 7037), adjustable feet  
 Basket rotation  
 Integrated chiller unit -30°C  
 Cover panels – steel sheeting, epoxy paint, colour: grey (RAL 7035)  
 Water separator  
 Automatic protections: vapour control, distillation level, pollution control  
 PLC controller - supplier: Télémécanique (Siemens or Allen Bradley if requested)  
 Process parameter display on XBT-GT screen

### **Options :**

Automatic load and unload from a conveyor system  
 Baskets  
 Storage tank filtering  
 Ultrasonic agitation – frequency 25 – 40kHz

### **Electrical supply :**

400 volts tri-phase + Neutral + Earth, see table for power rating

### **Sound level :**

Estimated: 80 dBA (dependent upon options)

### **Safety standards :**

Manufactured according to European Directive 2006/42/CE  
 Standards NF EN 12921 regarding cleaning equipment  
 CE marking